

ANNA MARIA BORGHI
Curriculum Vitae

Part I – General Information

Full Name	Anna Maria Borghi
E-mail	_____
Personal website	_____
Lab website (BALLab)	_____
Spoken Languages Researchers unique identifiers	

Part II – Education

Type	Year	Institution	Notes (Degree, Experience,...)
University graduation	1987	University of Bologna, Italy	Master degree in Philosophy. Marks: 110/110, summa cum laude
Doctorate training	1988-90	Freiburg University, Germany	PHD courses in Germanistics, History and Philosophy, University of Freiburg
PhD	1992-96	University of Bologna, Italy	PhD in Psychology, Department of Psychology, University of Bologna, Italy – tutor prof. N. Caramelli
Visiting PHD student	1994-95	University of Chicago, USA	Referent prof. L. Barsalou
Visiting scholar	1998	UNED, Madrid, Spain	Visiting scholar (referent prof. H. Peraita)
Post-doc	1997-1998	University of Bologna	Post-doc in Psychology
Visiting post-doc/scholar	1999; 2001	Emory University, USA	Referent prof. L. Barsalou
Visiting scholar	2002	University of Wisconsin, Madison, USA	Referent prof. A. Glenberg
Visiting scholar (Erasmus program)	2022	University College Cork	Referents prof. A. Setti, prof. J. Chen

Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
1999	2005	University of Bologna	Assistant Professor (ricercatrice)
2005	2016	University of Bologna, Department of Psychology	Associate Professor
2017	2023	Sapienza University of Rome, Department of	Associate Professor

		Dynamic and Clinical Psychology, and Health Studies; Faculty of Medicine and Psychology	
2023	current	Sapienza University of Rome, Department of Dynamic and Clinical Psychology, and Health Studies; Faculty of Medicine and Psychology	Full professor
2001	current	Institute of Cognitive Sciences and Technologies, Italian National Research Council	Associate Researcher

IIIB – Other Appointments

Start	End	Institution	Position
2015	2017	Einstein Group (Berlin School of Mind and Brain, Humboldt University, Berlin). Organized by prof. J.Prinz.	Fellow

Part IV – Teaching experience

Every year I taught around 120 hours in my institution (University of Bologna, then Sapienza) since when I became associate professor (2005), with the exception of the period of maternity leave.

Year	Institution	Lecture/Course
1997-99	Department of Psychology, University of Bologna	Seminar for PhD students on concepts and categorization
1999-2008	University of Bologna	Psychology of Learning and Memory. High School for Teachers (SISS).
2002-17	University of Bologna	Cognitive Psychology, Communication Science students, Facoltà di Lettere e Filosofia
2003-2009	University of Bologna	General Psychology, Philosophy students, Facoltà di Lettere e Filosofia
2009-2017	University of Bologna	Psychology of intercultural communication, Communication Science students, Facoltà di Lettere e Filosofia
2001-06; 2008-16	University of Bologna	Laboratory of Cognitive Processes; Communication Science students, Facoltà di Lettere e Filosofia Facoltà di Lettere e Filosofia
2014-17	University of Bologna	Psychology of memory, Philosophy students, Facoltà di Lettere e Filosofia
2017-current (course not taught in 2023-2024)	Sapienza University of Rome	Cognition, Body and Culture (magistrale di Psicologia Clinica), Faculty of Medicine and Psychology
2017-18	Sapienza University of Rome	General Psychology. Course for radiology, Tecniche di radiologia medica, per immagini e radioterapia (abilitante alla professione sanitaria di Tecnico di radiologia medica) ROMA - Corso di laurea A - Roma Azienda Policlinico Umberto I L/SNT3, Faculty of Pharmacy and Medicine
2017-current	Sapienza University of Rome	General Psychology. Course for Technicians

		for Safety and Security in Working Places, Corso di laurea A - Roma Azienda Policlinico Umberto I L/SNT4, TPALL, Faculty of Pharmacy and Medicine
2018-current	Sapienza University of Rome	General Psychology. Course for Physiotherapists, Corso di laurea M - Roma Azienda San Filippo Neri L/SNT2, Faculty of Pharmacy and Medicine
2023-24	Sapienza University of Rome	General Psychology, Facoltà di Lettere e Filosofia, Corsi di Laurea magistrale in Discipline Etno-Antropologiche e Culture e religioni
2024-2025	Sapienza University of Rome	UAFP - learning to program Open Sesame

Courses taught as external professor

Year	Institution	Lecture/Course
2008-2010	University of Trieste	General Psychology, Faculty of Medicine
2009-2010	University of Warsaw, Poland	Embodied and grounded cognition. Course taught in English, together with prof. J. Rączaszek (Warsaw)
2009-2010	Venice International University	Embodied mind and language (in English). Course taught with prof. D. Zaefferer (Munich)

Part V – Mentoring, supervision of graduate students and postdoctoral fellows

Year	Structure	Graduate students and post-docs
2007-2016	Department of Psychology, University of Bologna	5 Post-docs, 5 PhD students.
2017-2022	Department of Dynamic and Clinical Psychology, and Health Studies, Sapienza University of Rome	2 Post-docs, 2 PhD students.
2023-2024	Department of Dynamic and Clinical Psychology, and Health Studies, Sapienza University of Rome	1 RTDA researcher, 1 post-doc, 3 PhD students.

CFU: in the last three years, more than 10 students a year

People who were in my lab (EMCOLAB in Bologna, BALLAB in Rome) have now post-doc, researcher, or professor positions in a variety of European labs:

- Filomena Anelli, for years post-doc at the University of Bologna and adjunct professor at the University of Catanzaro;
- **Daniele Caligiore**, now a researcher at ISTC-CNR, Rome;
- **Pierre Jacquet**, now a senior researcher at the Institut du Psychotraumatisme de l'Enfant et de l'Adolescent (Versailles, FR) / LNC2 ENS (Paris, FR);
- **Andrea Flumini**, for years post-doc, University of Granada (prof. J.Santiago);
- **Claudia Gianelli**, for many years researcher, Potsdam University (Prof. Fischer), now associate professor, Università di Messina;
- **Antonello Pellicano**, for many years researcher at Aachen University (prof. F.

Binkofski), now RTDb Università di Catania;

- **Mariagrazia Ranzini**, now RTDb, Università di Padova;
- **Claudia Scorolli**, now associate professor, Università di Bologna;
- **Federico Da Rold** (Marie Curie fellow), now beneficiary of a 2-year grant in Japan;
- **Arthur-Henri Michalland** (visiting post-doc, 2019-2020, then post-doc at the University of Montpellier, now working on cognition in older adults).
- **Chiara Fini**, currently RTDA at Sapienza University of Rome, BALLAB
- **Claudia Mazzuca**, for one year post-doc in York, UK; currently post-doc at Sapienza University of Rome, BALLAB

Visitors in my lab (BALLAB):

Visiting professors (Sapienza funding – fondo “professori visitatori”)

- prof. **Martin Fischer**, Potsdam University, Germany, 2018-19 (prot. C26V18BAEH, grant 5000 EUR)
- prof. **Bodo Winter**, Birmingham University, UK, 2019 (visit in 2021 due to Covid restrictions) (prot. C26V19AJPA, grant 5000 EUR)

Other visiting professors/researchers

- prof. **Claudio Brozzoli**, INSERM, Lyon, France (visit in January 2023, self-funded; will visit in September-December 2024)

Visiting PhD students and post-doc

Visitors at EMCOLAB, Unibo

- **Solene Kalenine** (psychology, University of Montpellier), 2007-8, now professor at Lille University -

Visitors PhD students at BALLAB, Rome

- **Francois Foerster** (cognitive neuroscience), 2018, Plymouth University
- **Mina Ghandhari**, (linguistics), 2019
- **Arthur-Henry Michalland** (psychology), University of Montpellier, 2019-2020
- **Borys Jastrzebski** (cognitive science), Warsaw University, January-February 2021
- **Quentin Marre** (psychology), Toulouse University, January-March 2021
- **Johanne Nedergard** (psychology and cognitive science), Aarhus University (Denmark), September 2022

Current lab: **BALLAB (Body Action Language Lab)** <https://sites.google.com/view/annaborghilab>

- RTDA (PNRR funds age.it): **Chiara Fini**.
- post-doc researcher: **Claudia Mazzuca**.
- PhD students: **Ilaria Falcinelli** (III year), **Angelo Mattia Gervasi** (II year), **Chiara de Livio** (I year).
- Research assistant: **Valentina Rossi**.
- External participants: **Luca Tummolini**, CNR senior researcher; **Marco Tullio Liuzza** (occasional), associate professor, Catanzaro University; **Laura Barca** (occasional), CNR researcher; **Francesco Mannella** (occasional): CNR researcher.
- Other external participants: **Marta Arcovito**, PhD in Philosophy; **Federico Da Rold**, ex-MSCA fellow, computer scientist; **Arthur-Henry Michalland**, currently employed in France, expert on cognition in elderly.

Part VI – Participation in international boards / Service

Part VI-A – Participation in international boards - Editorial Positions

Year	Position	Journal
2019- June 30, 2024	Chief Editor	Frontiers in Psychology , specialty Theoretical and Philosophical Psychology
2013-current	Associate Editor	Psychological Research
2019-current	Associate Editor	Philosophical Transactions of the Royal Society B: Biological Sciences
2010-2018	Associate Editor	Frontiers in Psychology , specialty Frontiers in Cognition
2014-2020	Associate Editor	PeerJ
2010-current	Member of the Scientific Board	Sistemi Intelligenti
2010-current	Member of the Board of Reviewers	Cognitive Science

I also took part in the scientific board of the journals **RIFL (Rivista Italiana di Filosofia del Linguaggio)** and **Teorie e Modelli**.

Part VI-B – Participation in international boards - Evaluation boards

Boards of Reviewers: Funding agencies

Short name	Name
NSF	National Science Foundation
NOW	Nederlandse Organisatie voor Wetenschappelijk Onderzoek, Holland
	Natural Sciences and Engineering Research Council of Canada
VELUX	VELUX Foundation, Denmark
NIH	National Institute of Health, USA
	Engineering and Physical Sciences Research Council, UK
	Agence National de la Recherche, France
ERC	ERC grants, European Community
ESF	European Science Foundation

Boards to evaluate career progressions in international universities and research centers

University/Research Center	Carrier
USA: University of Massachusetts, Dartmouth	External reviewer for the promotion to the rank of associate professor
UAE (United Arab Emirates)	External reviewer for the promotion to associate professor
USA: Georgia Tech, US	External reviewer for the promotion to full professor
USA: University of Louisville	External reviewer for the nomination of research award
University College Cork, Ireland	External reviewer for the promotion over the bar
INSERM, Lyon, France	-----
	External reviewer for the HRD, habilitation à diriger des recherches

Boards of external examiners for international (and Italian) PhD programs (selection)

McGill University, USA

Lyon Neuroscience Research Center, INSERM, France
Montpellier University, France
Plymouth University, UK
University of East Anglia, UK
Australian Catholic University, Melbourne, Canada

SISSA, Italy
Sapienza University of Rome, Italy (when teaching at Bologna University)
University of Bologna (when teaching at Sapienza University of Rome), Italy
University of Pavia, Italy

International task forces

Participation 2017-22 to **IEEE AMDTC** (Autonomous Mental Development Technical Committee), **Task force on Language and Cognition**. Chair: Xavier HINAUT (FR) (appointed in 2021). Vice-Chairs: Michael SPRANGER (JP), Clément MOULIN-FRIER (FR). Members: A. Aly, A. Borghi, A. Warlaumont, I. Howard, J.-C. Baillie, J.-L. Schwartz, K. Rohlfing, K. Pastra, N. Hemion, N. Mavridis, T. Taniguchi, Y. Sandamirskaya, A. Pitti

Part VII – Service as a reviewer of journals and publishers and as editor of special issues

Part VII-A – Occasional reviewer for international publishers

Cambridge University Press;
Oxford University Press;
Il Mulino

Part VII-B – Occasional reviewer for international (and national) journals

More than 150 reviews.

Acta Psychologica; Advances in Human-Computer interaction; Avant; Behavioral and Brain Research; Behavioral and Brain Sciences, Biolinguistics; Brain and Cognition; Brain and Language; British Journal of Experimental Psychology; Cerebral Cortex; Cognition; Cognitive Linguistics; Cognitive Science (Board of reviewers); Cognitive Systems Research; Experimental Brain Research; Experimental Psychology; European Journal of Cognitive Psychology; European Journal of Neuroscience; European Journal of Social Psychology; Frontiers in neurorobotics; Frontiers in Cognition; Frontiers in Cognitive Science; Frontiers in Human Neuroscience; Frontiers in Behavioral Neuroscience; Giornale Italiano di Psicologia; Human Brain Mapping; International Journal of Behavioral Development; Journal of Cognitive Neuroscience; Humanities and Social Sciences Communication; Journal of Cognitive Psychology; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Human Perception and Performance; Journal of Experimental Psychology: Learning, Memory & Cognition; Journal of Experimental Social Psychology; Journal of Memory and Language; Journal of Mental Imagery; Journal of Neurolinguistics; Learning and Instruction; Nature Communication; Neuroimage; Neuropsychologia; New Ideas in Psychology; Perception Science; PLoS ONE ; Proceedings of the Royal Society B: biological sciences; Proceedings of the Cognitive Science Society (reviewer and meta-reviewer); Proceedings of the European COGSCI; Proceedings of EPIROB2013 (meta-reviewer); Psychological Research; Psychonomic Bulletin & Review; Quarterly Journal of

Experimental Psychology; Robotics and autonomous systems; SCAN (Social Cognitive and Affective Neuroscience); Topics in Cognitive Science; Topoi.

Part VII-C – Editor of special issues in international (and national) journals

- 1) 2010, **Neuropsychologia**: *The sense of body: A multidisciplinary approach to body representation*. A. Tessari, A. Serino, M. Tsakiris, **A.M. Borghi**;
- 2) **Sistemi Intelligenti** (2011). A.M. Borghi, F. Caruana: *Social cognition*.
- 3) **Cognitive Semiotics** (2012). *Embodiment and intersubjectivity*. P. Demuru, R. Fusaroli, **A.M. Borghi**.
- 4) **Frontiers in Cognition** (2011). **A.M. Borghi**, D. Pecher: *Embodied and Grounded Cognition*.
- 5) **Topics in Cognitive Science** (2014). A. Cangelosi, **A.M. Borghi**: *Action language integration: from humans to cognitive robots*.
- 6) **Frontiers in Human Neuroscience** (2015). Antonello Pellicano, Ferdinand Binkofski, Anna Borghi, special issue Bridging the theories of affordances and limb apraxia
- 7) **Frontiers in Psychology** (2017). Annalisa Setti, Anna Borghi: *Embodied Cognition over the Lifespan*.
- 8) **Frontiers in Psychology** (2019). Zheng Jin, Maurizio Tirassa, Anna Borghi: *Beyond Embodied Cognition: Intentionality, Affordance, and Environmental Adaptation*.
- 9) **Philosophical Transactions of the Royal Society B- biological sciences** (2018). Anna Borghi, Laura Barca, Ferdinand Binkofski and Luca Tummolini. *Varieties of abstract concepts: development, use, and representation in the brain*.
- 10) **Psychological Research** (2022). Anna Borghi, Sam Shaki and Martin Fischer, *Concrete determinant of abstract concepts*.
- 11) **Philosophical Transactions of the Royal Society B- biological sciences** (2022). Anna Borghi, Albertyna Osinka, Andreas Roepstorff, Joanna Raczaskek-Leonardi. *Concepts in interaction: social engagement and inner experiences*.
- 12) **Sistemi Intelligenti** (2022-23). Mirolli, M., Borghi, A.M., Delogu, C., Lettieri, N., Nolfi, S. *Domenico Parisi: Uno scienziato indisciplinato*.
- 13) **Frontiers in psychology** (2023), Chiara Fini, Luca Tummolini, Guy Dove, Anna Borghi (2023). *Insights in theoretical and philosophical psychology*.
- 14) **Frontiers in psychology** (2023), Chiara Fini, Fausto Caruana, Anna Borghi (2023). *Rising ideas in theoretical and philosophical psychology*.
- 15) **TOPOI**, (2024, ongoing) Chiara Fini, Anna Borghi, Salvatore Maria Aglioti, Takahiko Koike, Dimitris Bolis, and Vanessa Era (2024, ongoing), *Technology, nature, and wellbeing in contemporary societies*
- 16) **Behavioral and informational technology** (2024, ongoing). Chiara Fini, Anna Borghi, Salvatore Maria Aglioti, Takahiko Koike, Dimitris Bolis, and Vanessa Era, *Technological Advances and Their Impact on Social Behavior, Neuroscience, and Interpersonal Communication: Opportunities and Risks*.

Part VIII – Fellowships and Awards

Year	Title
1992-96	PhD grant, University of Bologna
1998-99	Post-doc grant, University of Bologna
1999	Short term mobility CNR grant. Spent in Emory University, USA (L. Barsalou)
2002	Marco Polo grant, University of Bologna – spent in Wisconsin University (A.

Glenberg)

Part IX - Society memberships, participation in scientific committees of conferences, and organization of scientific meetings

Part IX-A Society memberships

- Associazione Italiana di Psicologia (AIP), Sez. Psicologia Sperimentale
- Associazione Italiana di Scienze cognitive (AISC) – founding member. 2008-2011 Member of the AISC governing board
- ITRN membership Italian Reproducibility Network since January 2025
- ESCOP, European Society of Cognitive Psychology
- CogSci Society

Part IX-B Participation in scientific committees (selection)

Year	Service
2005-2006	II WORKSHOP ITALIANO DI VITA ARTIFICIALE. ROMA, ISTC-CNR. 3-5 MARZO 2005
2006	Program Committee - iccm2006 The 7th International Conference on Cognitive Modeling – Trieste, Italy, 5-8 April 2006
2006	III WORKSHOP ITALIANO DI VITA ARTIFICIALE. Wiva3 - Siena, 12-15 settembre 2006
2006	September 2006. Program Committee – From animals to animats 9. The Ninth International Conference on the Simulation of Adaptive Behavior (SAB '06, sab06), 25-29 September 2006, CNR, Rome
2007	IV Convegno nazionale di Science cognitive. Rome, Italy
2008	AISC conference Turin
2009	AISC conference Naples
2008, 2009	Embodied and Situated Language Processing ESLP
2012	Program Committee – Embodied and Situated Language Processing ESLP 2012, Newcastle Upon Tyne, UK
2012	InPACT (International Psychological Applications Conference and Trends) 2012
2011; 2015	Cognitive Science Society (CogSci)
2012	Scientific Committee. 5th International Conference on Spatial Cognition (ICSC): Space and Embodied Cognition. Rome, 4-9 September 2012
2015	Scientific Committee. 6th International Conference on Spatial Cognition (ICSC): Space and Situated Cognition. Rome, 7-11 September 2015.
2021	Organization of the online workshop <i>Fresh perspectives on abstract concepts</i>
2022	Organization of the Seminar <i>Domenico Parisi uno scienziato indisciplinato: Un dialogo che continua.</i>
2022	Organization of the workshop Experimental designs for the study of abstract concepts in interaction

current	IEEE committee: AMDTC Autonomous Mental Development Technical Committee. Task force on Language and Cognition
---------	---

Part IX-C Organization of summer schools and scientific meetings (selection)

Year	Title
2005	A.M. Borghi, S. Ghirlanda: Summer School Neural network models of perception, action and embodied knowledge (University of Bologna, July 2005. Among the participants: L. Barsalou, L. Craighero, R. Ellis, M. Enquist, M. Gentilucci, A. Glenberg, R. Goldstone, S. Nolfi, D. Parisi, M. Zorzi)
2006	L. Riggio, A. M. Borghi: Organization of the symposium: Affordances: tra percezione e azione . Participants: Leonardo Fogassi, Lucia Riggio, Fabio Ferlazzo e Anna Borghi. AIP, sez. di Psicologia Sperimentale, Rovereto, September 13-15 2006.
2008	A. Serino, A. Tessari, A.M. Borghi, M. Tsakiris: Summer School The sense of body , Bologna, June 2008. Funded by the European Science Foundation (among the participants: S.M. Aglioti, P. Brugger, B. Coslett, E. Daprati, F. De Vignemont, V. Gallese, A. Iriki, M. Jeannerod, P. Haggard, E. Ladavas, D. Le grande, E. Macaluso, A. Maravita, F. Pavani, P. Rochat, A. Sirigu, M. Tsakiris)
2010	M. Fischer, A. M. Borghi. Symposium: Embodied Robotics: from Affordances to Action . Participants: G. Buccino, A. Cangelosi, R. Ellis, J. Goslin. 1st Joint Conf. EPS & SEPEX, Granada, Spain.
2012	A. M. Borghi. Symposium Objects and action in the individual and social space: Affordances and embodied cognition . Participants: C. Sinigaglia, F. Binkofski, A.M. Borghi, O. Lindemann, Paulus, J. Stefanucci, S. Creem-Regehr. 5th Internat Conf. Spatial Cognition (ICSC): Space and Embodied Cognition. Rome, Italy.
2015	A. M. Borghi, L. Tummolini. Symposium Object, action and space . Participants: A. M. Borghi, A. Cangelosi, H. Gudde and K. Coventry, H. Diessel, P. Knoeferle, L. Tummolini, V. Volterra. 6th International Conference on Spatial Cognition (ICSC): Space and Situated Cognition. Rome, 7-11 September 2015..
2017	A. M. Borghi, L. Tummolini. Symposium Concetti astratti: diversi tipi, molteplici rappresentazioni Participants: A.M. Borghi, S. Dellantonio & R. Job, M. Ghio & M. Tettamanti, L. Tummolini. AIP sez. di Psicologia Sperimentale, Bari, September 20-22, 2017.
2019	A. M. Borghi, M. Fischer. Workshop, Different Abstract Concepts: Numbers, Emotions and Dangerous Things . Participants: S. Shaki (Israel), G. Porciello, A. Monti and S. Panasiti (Sapienza, COSAN), F. Doricchi (Sapienza), C. Fini (Sapienza, Ballab), C. Mazzuca (York), L. Tummolini (ISTC-CNR), C. Scorolli, L. Lugli and C. Villani (Unibo), C. Gianelli (Potsdam), and others. Venue: Faculty of Psychology & Medicine, Sapienza University of Rome. via dei Marsi 78, Rome, March 29.
2021	Symposium New/Fresh Perspectives on Abstract Concepts , organized by BALLAB , i.e., Anna Borghi's Lab (F. Da Rold, I. Falcinelli, C. Fini, C. Mazzuca, A. H. Michalland) and the Traincrease project team, led by J. Raczaszek-Leonardi. Participants: H. Loevenbruck, C. Fernyhough, G. Lupyan, G. Dove, P. Pexman, P. Langland-Hassan, D. Gentner, M. Pickering, M. Sams, A. Wykowska, K. Rohlfing, J. Raczaszek-Leonardi, B. Winter, T. Deacon, L. Barsalou, L. Connell, O. De Roy, N. Shea, L. Barca, M. Ponari, L. Tummolini. https://sites.google.com/view/annaborghilab/conference . March 15-17.
2022	Seminar Domenico Parisi uno scienziato indisciplinato: Un dialogo che continua . Organized by M. Mirolli, A. M. Borghi, C. Delogu, N. Lettieri, S. Nolfi . Sapienza

	University of Rome, Faculty of Psychology, via dei Marsi 78. May 7, 2022.
2022	Workshop Experimental designs for the study of abstract concepts in interaction , organized by BALLAB, Anna Borghi's Lab , Sapienza University of Rome, Faculty of Psychology, via dei Marsi 78. Lectures by K. Rohlfing, A. M. Borghi, C. Mazzuca, C. Fini and I. Falcinelli, M. T. Liuzza, G. Lupyan, A. Wykowska. https://sites.google.com/view/annaborghilab/workshop . May 23-25.
2025	January 16, 2025, 9.40-13.30. Initiative on open science, OPEN SCIENCE E PSICOLOGIA: UNO SGUARDO ALLA PSICOLOGIA CLINICA. With Marco Tullio Liuzza, Gian Mauro Manzoni, Tiziana Metitieri. co-organized with Commissione Ricerca, Department of Dynamical and Clinical Psychology, and Health Studies
2025	Conference Gender and ecological concepts: (Un)consciousness, cognition, and politics. February 25, 3.15-6pm. Speakers; Emma Renstroem (Kristianstad University, Sweden), Annalisa Setti (University College Cork, Ireland), Gary Lupyan (University of Wisconsin, Madison, US). Introduction: Anna Borghi, Giacomo Ciocca, Matteo Santarelli. Co-organized with Giacomo Ciocca, Claudia Mazzuca, Giulia Origlia, Matteo Santarelli

Part X - Management and Funding Information [only grants as PI-principal investigator, local PI or co-PI]

Year	Title	Program	Grant value
2005	PI (together with Stefano Ghirlanda)	University of Bologna - Funds for Summer School Organization	3.500 EUR
2005	PI (together with Stefano Ghirlanda)	AIP (Associazione Italiana di Psicologia) – funds for Summer School Organization	500 EUR
2005	PI (together with Stefano Ghirlanda)	AISC (Associazione Italiana di Scienze Cognitive) – funds for Summer School Organization	500 EUR
2006-2008	Local unit coordinator, local PI (Unibo)	PRIN 2006, Progetti di Rilevante Interesse Nazionale, – Project Linguaggio, oggetti e sistema motorio: il ruolo delle affordances	20.000 EUR
2008-2011	Local unit coordinator, local PI (Unibo)	PRIN 2008, Progetti di Rilevante Interesse Nazionale,- project Linguaggio e lingue: Tra cognizione embodied e cognizione sociale	20.199 EUR
2008	Co-PI (with Andrea Serino, Alessia Tessari)	Istituto di Studi Avanzati (ISA), Bologna - Funds for the project “The sense of body. Science, Art, Dance and Ethics”.	10.000 EUR
2008	Co-PI (with Andrea Serino, Alessia Tessari)	University of Bologna – Funds for Summer School Organization (“The sense of body”)	2.850 EUR
2008	Co-PI (with Andrea Serino, Alessia Tessari, Manos Tsakiris)	European Science Foundation – Funds for Summer School Organization (“The sense of body”)	890 EUR
2008-12	Overall Coordinator (other local units: University of Parma, Aachen University, Ankara)	Project EU, call FP7, Cognitive Systems. Project ROSSI: Emergence of Communication in Robots through Sensorimotor and Social Interaction.	2.800.000 EUR, of which UNIBO: 579.898 EUR

	University)		
2003-2016	PI	University of Bologna - RFO (ex 60%) funds (researcher of A category) – Every year I was classified as researcher of the A category (top category)	2.000-3.000 Eur every year
2017	PI	FABBR funding, MIUR	3.000 EUR
2017-19	PI	Sapienza Excellence Projects, Progetto Grande “Abstract concepts, language and sociality” grant n. RG11715C7F1549F7	34.500 EUR
2018-2021	PI	Sapienza Excellence Projects, Progetto Medie Attrezzature Scientifiche “Concetti astratti ed emotivi ed esperienze traumatiche: correlati psicobiologici” grant n. MA11816436290B1F	30.000 EUR
2018-21	PI	Sapienza Excellence projects, progetto medio “Inner grounding of abstract concepts: the role of interoception and social metacognition,” grant n. RM11816428832AC7	EUR 10.000 + EUR 23.800 (assegno di ricerca) = 33.800
2019-21	Supervisor	European Community, Marie Curie H2020-MSCA-IF-2017 project INTENSS (Information-Theoretic analysis of Embodied and Situated Systems, grant n.796135, delivered to Federico DaRold	Funds for the beneficiary, dr. Da Rold: 168.277 EUR
2020-23	Italian PI	European Community, EU H2020 twinning project TRAINCREASE (From social interaction to abstract concept and words: towards human-centered technology development) Warsaw University, Aarhus University, University of Manchester), CSA, Proposal n. 952324	160.000 EUR (for the local unit)
2021-24	PI	Sapienza Excellence Project, progetto grande “Concepts in interaction with others and with ourselves: Abstractness in social interaction, metacognition, and mind wandering. Grant n. RG12117A5D1EB0B3	43.500 EUR + 23787 (assegno di ricerca) = 67.287 EUR
2022-current	Co-PI (PI prof. F. Lucidi, other co-pi professors G.Alessandri, R.Baiocco)	PNRR project PE8 SCARL "AGE-IT - "Italian Ageing Society” Spoke: 4. PI of the Linea tematica: 2, Older adults’ relationship with the natural environment to enhance their cognitive performances and promote mental health, CUP: B53C22004090006	210.000 EUR (RTDA) + 81.000 EUR = 291.000 EUR
2023-25	PI (beside Sapienza, other local units: Pavia IUSS, San Raffaele, CNR)	PRIN 2022, Progetti di Rilevante Interesse Nazionale, cod. n. 2022YJA4TB Project ASSO, Abstract concepts and Social interaction	241.590 EUR total; Sapienza 71.184 EUR
2023-25	member	PRIN 2022, Progetti di Rilevante Interesse Nazionale, PNRR, Project DeCo,	

		Democratizing Concepts	
2023-26	PI	Sapienza Excellence Project, progetto grande “Ecological, technological, and gender concepts and their variations across the lifespan”, cod. n. RG123188B09BDF14	30.000 EUR + 20.000 EUR for research contract = 50.000 EUR

Part XI –Public Engagement (Terza Missione) (selection)

Part XI-A Activities and talks for the general public

Year (Selection) Activity: Activities and Talks for the general public (Communication)

2010, 2011	Scienza in piazza (SIP) 2010; Scienza in piazza (SIP) 2011 , Palazzo Re Enzo, Bologna – participation with several experiments for children and adolescents
2010	Scienza in piazza (SIP) , Palazzo Re Enzo, Bologna – Talk on Embodied and Grounded Cognition for the general public.
2021 2022	April 13, 2021- Open lesson for the association Asam , Associazione Sense And Mind, Anna M. Borghi: Concetti astratti, linguaggio e socialità https://www.metodosam.it/asam-associazione-sense-and-mind Modena, Learning more festival 2022 , https://learningmorefestival.it/ , festival della formazione e dell'apprendimento. Invited talk: Imparare con il corpo: dagli oggetti ai concetti astratti. https://learningmorefestival.it/eventi/imparare-con-il-corpo-dagli-oggetti-ai-concetti-astratti/
2023; 2024	Experiments in elementary and middle schools (Festa del gioco, Garbatella): education to open science; studies on categorization and semantic memory
2023	Paper on what are abstract concepts in press on <i>Frontiers of Young Minds</i> , a journal for children and adolescents: Borghi.A.M., Falcinelli, I. Fini, C. Gervasi, M., Mazzuca, C.

Part XI-B Collaborations with associations and schools

Year Activity: Collaboration with associations and schools

2021	Gay Center: formalised collaboration for research-intervention on voice perception, bodily change and conceptualization
2021	Saifip: collaboration for research-intervention on voice perception, bodily changes and conceptualization
2020-22	Collaboration with Assessorato alla Cultura Municipio Tor bella Monaca for research-intervention on studies on pacifiers in schools and kindergarten
Since 2018	Formalized collaboration with Ente/Società IRCCS Fondazione Santa Lucia, Roma, via Ardeatina 306, for research on semantic memory and concepts (dr. Zannino, prof. G.A. Carlesimo). Contacts with “centri anziani” and “case di riposo” for research-intervention (progetto

2022	PNRR) - example: Centro Anziani San Lorenzo; Casa di riposo via delle 7 Chiese, a, Roma.
2020-2022; 2016-2019	Collaboration with kindergartens: studies on pacifier use and language comprehension in children in kindergartens and nursery schools - in collaboration with Laura Barca, ISTC-CNR
2021-23	Collaboration with elementary schools for a project in the elementary schools for education to multisensoriality - in collaboration with Laura Rio, Mariagrazia Benassi, Luisa Lugli, (Università di Bologna)
2019-21	Collaboration with elementary schools for a project on affordances in children - in collaboration with Laura Rio, Mariagrazia Benassi, Luisa Lugli, (Università di Bologna)
2023	Member of the funded “terza missione” project “Ascoltare la comunità autistica per migliorare la conoscenza dell'autismo, l'accessibilità degli studenti autistici all'università e la ricerca scientifica Terza Missione”, PI prof. S.M.Aglioti, Numero protocollo: TM12117D2322F8D6
2021	Collaboration with Stella Maris, Pisa, for research on abstract concepts in autistic children and their parents (dr. Antonio Narzisi, dr. Maddalena Fabbri Destro)
2024	September, week starting from September 9, 2024 - https://featuredcontent.psychonomic.org/digitalevent-honoring-the-contributions-of-lawrence-barsalou/ - contributions from David Kemmerer, Anna Borghi, Diane Pecher & Renee Zeelenberg, Alex Martin, Lisa Feldmann-Barrett, Ken McRae, Guy Dove, Christy Wilson-Mendenhall, Christof Scheeper, Rolf Zwaan, Leo Dutriaux
2025	January 16, 2025, 9.40-13.30. Initiative on open science, OPEN SCIENCE E PSICOLOGIA: UNO SGUARDO ALLA PSICOLOGIA CLINICA. With Marco Tullio Liuzza, Gian Mauro Manzoni, Tiziana Metitieri. co-organized with Commissione Ricerca, Department of Dynamical and Clinical Psychology, and Health Studies
2025	Invited talk: Talk Cervello in azione. Neurospritz, Rome, February 27, 2025. https://neurospritz.wixsite.com/neurospritz

Part XI-C – Press and media

Year Activity: Press and media (selection)

2002	Book Borghi, A.M., Iachini, T. (Eds.) (2002). <i>Scienze della mente</i> . Bologna: Il Mulino. <u>Press release (in Italian):</u> Il sole XXIV ore, review-article by Michele di Francesco: Cognizioni della mente Le scienze, review-article by Sandro Modeo Galileo online, review-article by by Matteo Bartocci AI portal – review-article by Ignazio Licata Teorie e modelli: review-article by Cristiano Castelfranchi, and reply of the two editors
2010	2010. Colzato, L., van Beest, I., van den Wildenberg, W.P.M., Scorolli, C., Dorchin, S., Meiran, N., Borghi, A.M. , Hommel, B. (2010). God, do I have your attention? <i>Cognition</i> ,

	117, 87-94. 32. doi: 10.1016/j.cognition.2010.07.003 <u>Press release (based on interviews with Anna Borghi) (in Italian):</u> La Repubblica, December 15, 2010: “Siete attenti al dettaglio? Dipende dal vostro credo religioso” Interview to Anna Borghi on Radio 24 Il Resto del Carlino Bologna, December 16, 2010 Il giornale, December 15, 2010: “Atei e credenti vedono il mondo in modo diverso”, Liberazione, 15/12/2010. Scienza: atei e credenti vedono le immagini in modo diverso (http://www.liberazione.it/news-file/Scienza--atei-e-credenti-vedono-le-immagini-in-modo-diverso---LIBERAZIONE-IT.htm) National Geographic Italia, “Dimmi di che religione sei e ti dirò come vedi”, December 15, 2010, “http://www.nationalgeographic.it/scienza/2010/12/15/foto/religione_differenze_percezioni_e_immagini-151582/4/”
2012	Special issue of Sistemi intelligenti on <i>Social cognition</i>, edited by Anna M. Borghi and Fausto Caruana. <u>Press release (in Italian):</u> Sole XXIV ore, review-article by Riccardo Viale “L’incorporazione della socialità”
2016	Book Caruana, F., Borghi, A.M. (2016). <i>Il cervello in azione</i>. Bologna: Il Mulino <u>Press release (in Italian):</u> Review article on Brain Factor Review-article on Mente e cervello Review-article on Il corriere della sera Review-article on Il Sole XXIV Ore, February, 17, 2002, n. 46, p. 39
2018	Special issue on Philosophical Transactions B: Biological Sciences, Borghi, A.M., Barca, L., Binkofski, F., Tummolini, L. (2018). Varieties of abstract concepts, and article Abstract concepts, language and sociality: from acquisition to inner speech. <i>Philosophical Transactions of the Royal Society : Biological Sciences</i>, 5;373(1752). <u>Press release (in Italian)</u> Galileo, https://www.galileonet.it/perche-fantastichiamo-muoviamo-bocca/ - 20/06/2018, il Venerdì' (la Repubblica) PER PENSARE SERVE LA BOCCA: ATTENTI AL CIUCCIO (G.Villoresi) - 13/07/2018
2019	RAI Scuola, program Nautilus, "Una questione di tatto", invited guest. https://www.cnrweb.tv/studiare-il-tatto/ https://www.raiplay.it/video/2019/09/RAISCUOLA-PT-46-NAUTILUS-TATTO-bdfba72f-ec2b-4e99-aa6b-8fca477b4d1e.html
2020	Marie Claire, interview on the lockdown memories, Ferdinando Cotugno, 2.05.2020, https://www.marieclaire.it/lifestyle/coolmix/a32431963/cosa-ricorderemo-del-lockdown
2021	Contribution for “videolessico di Mente e linguaggio, Rivista Italiana di Filosofia del Linguaggio, RIFL, https://www.youtube.com/watch?v=zxYRtTQcM0Q
2022	Article Borghi A.M. (2022). Concepts for which we need others more: The case of abstract concepts. Current directions in Psychological Science. <u>Press release (in English)</u> News on APS – Association for Psychological Science.

	https://www.psychologicalscience.org/news/releases/new-content-from-current-directions-in-psychological-science-2022-july-15.html
2022	“AN INTERVIEW with ANNA BORGHI” – by Lorenz Lowis – Painting Onions Podcase – youtube link: https://www.youtube.com/channel/UCi8JDNTQbDS0YMD731a_5jw
2024	April 17, 2024: Brainpondering podcast with Mark Mattson - conversations with scientists at the frontiers of brain research - YouTube: https://www.youtube.com/watch?v=9gRVipomWu8&t=1786s ; Spotify: https://open.spotify.com/episode/0VqoBcLVIIIsGc7kR9AX9iq
2024	Discussant at the presentation of Guy Dove (University of Louisville), Concepts require flexible grounding . <u>Discussants</u> : Anna Borghi (Sapienza-CNR), Leo Fernandino (Wisconsin), Joseph McCaffrey (Nebraska), Christian Michel (Edinburgh). Webinar organized by <i>The Neural Mechanisms Online Team</i> (Fabrizio Calzavarini, Davide Coraci & Marco Viola)
2024	June 19, 2024. Interview of Anna Borghi - RAI TRE (in italiano) - TG LEONARDO, servizio di Mauro Scanu - Tecnologia e cervello all'esame di maturità - on learning and new technologies - https://www.rainews.it/tgr/piemonte/video/2024/06/tecnologia-cervello-maturita-esame-f6c2da48-ddad-4619-9d56-b372bdc55d16.html https://www.rainews.it/tgr/piemonte/video/2024/06/tecnologia-cervello-maturita-esame-f6c2da48-ddad-4619-9d56-b372bdc55d16.html?nxtep
2025	2025, February 27. Invited talk at Neurospritz, Rome. Anna Borghi, Il cervello in azione. https://neurospritz.wixsite.com/neurospritz .
2025	2025, April 8, Sapienza, Teatro di Ateneo. Invited talk “Le parole concrete della vecchiaia: Gli anziani e il linguaggio.” Convegno THE AGE OF ROCK: INVECCHIAMENTO ATTIVO, AGEISMI E LOTTA AL PREGIUDIZIO. Project age.it. https://ageit.eu/wp/ https://www.ilfattoquotidiano.it/2025/04/04/invecchiamento-attivo-tra-arte-scienza-e-media-allateneo-romano-della-sapienza-arriva-the-age-of-rock/7940739/

Part XII– University Service – Institutional and Management Responsibilities (selection)

Year	Service
2009-10	Member of the Governing Board (giunta) of the Department of Psychology, University of Bologna
2010-2015	Member of the PhD program Philosophy, science, cognition, and semiotics, University of Bologna
2016-current	Member of the PhD program Psychology and Social Neuroscience, Sapienza University of Rome
2015-16	Member of the Commissione Spazi, Department of Psychology, University of Bologna
2017-current	Responsible for Mobility of Erasmus students (RAM), Department of Dynamic and Clinical Psychology, Sapienza University of Rome, Italy

2021-current	Member of the Commissione assegni di ricerca, Dipartimento di Psicologia Dinamica, Clinica e Salute, Sapienza
2017-21	Member of the Governing board (giunta) of the Department of Dynamic and Clinical Psychology, Sapienza University of Rome
2018-21	Secretary of the Ethical Committee of the Department of Dynamic and Clinical Psychology, and Health Studies
2018-2023	Member of the “Commissione Ricerca,” Department of Dynamic and Clinical Psychology, and Health Studies
2024	Head of the “Commissione Ricerca,” Department of Dynamic and Clinical Psychology, and Health Studies

Part XIII – Responsibility of international exchange programs and international collaborations

2017-current	Responsible for Mobility of Erasmus students (RAM), Department of Dynamic and Clinical Psychology, Sapienza University of Rome, Italy
2021-current	Responsability of an Erasmus staff exchange, School of Applied Psychology, University College Cork (dr. Setti, dr. Chen)
2021-current	PI of an H2020 EU twinning project, aimed at the exchange of Master students and PhDs between universities (other universities involved: Warsaw University, Poland; Aarhus University, Denmark; Manchester University, UK).
Since 2017	Visitor professors invited since when I moved to Sapienza: • Martin Fischer, Potsdam University, Germany (grant program professori visitatori) • Bodo Winter, Birmingham, UK (grant program professori visitatori) • Claudio Brozzoli, INSERM, France (visitor)
Since 2017	International PhD students and post-docs since when I moved to Sapienza: • Francois Foerster (cognitive neuroscience), 2018, Plymouth University, UK • Mina Ghandhari (linguistics), Iran, 2019 • Arthur-Henry Michalland (psychology), University of Montpellier, France, 2019-2020 • Borys Jastrzebski (cognitive science), Warsaw University, Poland, 2021 • Quentin Marre (psychology), Toulouse University, France, 2021 • Johanne Nedergard (psychology and cognitive science), Aarhus University (Denmark), 2022
	Many international collaborators, as testified by the numerous publications with colleagues of foreign universities.

Part XIV – Research Activities

Keywords Brief Description

Cognition, Language, Categorization, Concepts,	My research interests concern the relationships between objects, concepts, language and action. I am interested in • how language is grounded in sensorimotor, interoceptive and bodily
---	---

Action, Affordances, Social interaction, Linguistic variability, Lifespan perspective Open science	experiences (embodied and grounded views of cognition); • how linguistic experience and its social and communicative dimension shapes human perceptual, motor and thinking process. I work on how objects evoke actions, i.e., objects affordances, how the presence of others influences our relationship with objects (social affordances), the sense of ownership, affordances and the sense of body, and how affordances are conveyed through language. In recent years I have worked extensively on abstract concepts and the words that express them (e.g., “freedom”), and the bodily actions they elicit, focusing in particular on their social dimension. In this area with my group we have proposed a new theory, called WAT (Words As social Tools). The monograph for Cambridge University Press “<i>The freedom of words: On abstractness and the power of language</i>” (2023) summarizes my research in this area. Lately I have focused also on specific kinds of concepts – I am interested in gender concepts and ecological and technological concepts and how their representation changes depending on the context and across the lifespan. I investigate concepts and language with a lifespan perspective – I have worked on conceptual acquisition and development and on the decline of semantic memory with aging. I conduct mostly behavioral research (response times recording, kinematics, eye tracker) but also TMS and EEG studies; in collaboration with other researchers I have occasionally performed fMRI and thermal imaging studies and have carried out computational studies with neural networks simulations. I am committed to the principles of Open and Reproducible Science, which I pursue both in my own research practices and in my mentoring, encouraging my trainees to adopt practices like preregistration, pre-registered reports, and data and code sharing on open platforms such as Open Science Framework.
--	---

Part XV – Summary of Scientific Achievements (updated

Product type	Number	Data Base	Start	End
Papers	193	Scopus	1995	2024
Books [international]	2	Google Scholar		
Books [national]	4	Google Scholar		
Edited books [international]	4	Google Scholar		
Edited book [national]	1	Google Scholar		

Total Citations	5227 Scopus,	10990 Google Scholar
Hirsch (H) index	39 Scopus,	57 Google Scholar

Part XVI– Publications, organized in sub-types, invited talks and conference abstracts

Part XVI-A – International and national monographs and edited books

Volumes / Monographs:

In English:

2. Borghi, A.M. (2023). *The freedom of words: On abstractness and the power of language*. Cambridge: Cambridge University Press. ISBN: 9781108842907. doi: 10.1017/9781108913294. Publication date: August 10, 2023.

1. **Borghi, A.M.**, Binkofski, F. (2014). *Words as social tools: an embodied view on abstract concepts*. New York/ Berlin: Springer. Ebook ISBN: 978-1-4614-9539-0. Softcover ISBN: 978-1-4614-9538-3.

In Italian:

4. Caruana, F., **Borghi, A.M.** (2016). *Il cervello in azione*. Bologna: Il Mulino. EAN: 9788815263636

Press release: Recensioni (in Italiano): Brain factor; Mente e cervello; Il corriere della sera

3. Liuzza, MT., Cimatti, F., **Borghi, A.M.** (2010). *Lingue, corpo e pensiero: Le ricerche contemporanee*. Roma: Carocci. ISBN: 9788843054398.

2. Nicoletti, R., **Borghi, A.M.** (2007). *Il controllo motorio*. Bologna: Il Mulino. ISBN: 978-88-15-11886-8.

1. **Borghi, A.M.** (1986). *L'organizzazione della conoscenza. Aspetti e problemi*. Bologna: Pitagora. ISBN, 8837108923, 9788837108922. 148 pages.

Edited books (4 in English, 1 in Italian)

5. Jin, Z., Tirassa, M., **Borghi, A.M.**, eds. (2019). *Beyond Embodied Cognition: Intentionality, Affordance, and Environmental Adaptation*. Lausanne: Frontiers Media. doi: 10.3389/978-2-88945-815-8. E-book.

4. Setti, A., **Borghi, A.M.** (2018). (Eds.) *Embodied Cognition Over the Lifespan: Theoretical Issues and Implications for Applied Settings*. Frontiers Research Topics. ISBN 978-2-88945-492-1. DOI 10.3389/978-2-88945-492-1. E-book

3. Pellicano, A., **Borghi, A.M.**, Binkofski, F. (2017). (Eds.) *Bridging the theories of affordances and limb apraxia*. Frontiers Research topic. ISSN 1664-8714, ISBN 978-2-88945-225-5, DOI 10.3389/978-2-88945-225-5. E-book.

2. **Borghi, A.M.**, Pecher, D. (2011) (Eds.). *Embodied and Grounded Cognition*. Frontiers Research topic. ISSN 1664-8714, ISBN 978-2-88919-013-3, DOI 10.3389/978-2-88919-013-3. E-book.

1. **Borghi, A.M.**, Iachini, T. (Eds.) (2002). *Scienze della mente*. Bologna: Il Mulino. (2nd edition, 2004). 978-88-15-08430-9.

Borghi, A.M., Iachini, T. (2002). Introduzione. In Borghi, A.M. & Iachini, T. (eds.). *Scienze della mente*. Bologna: Il Mulino, pp. 7-26.

Chapters: **Borghi, A.M.** (2002). Concetti e azione. In Borghi, A.M. & Iachini, T. (eds.). *Scienze della mente*. Bologna: Il Mulino, pp. 203-222.

Press release: Recensioni (in Italiano): Il Sole XXIV Ore, February, 17, 2002, n. 46, p. 39. Michele Di Francesco, “Cognizioni della mente”, Le Scienze, Sandro Modeo; Galileo, Matteo Bartocci; portale di AI – Ignazio Licata. Rivista; Teorie e Modelli: Recensione di Cristiano Castelfranchi and reply of the two editors.

Part XV-B - Papers in peer reviewed international journals – in English = 175 (excluding all conference abstracts and proceeding)

[(174. **Michalland et al.** preregistered report, Royal Society open (in principle acceptance)

175. **Borghi, A.M.**, Mazzuca, C., Tummolini, L. (2025). The role of social interaction in the formation and use of abstract concepts. *Nature Reviews Psychology*.

174. Fini, C., Falcinelli, I., **Borghi, A.M.** (2025). Technological concepts: object and tool of knowledge outsourcing at different ages. *Topoi*.

174. Gennaro, A., Kerusauskaite, S., **Borghi, A.M.**, Salvatore, S. (2025). Low-dimensional meaning and management of uncertainty. *Current psychology*.

173. Mazzuca, C., Villani, C., Lamarra, T., Bolognesi, M. M., & **Borghi, A. M.** (2025). Abstractness Impacts Conversational Dynamics and Interactive Alignment. *Cognition*, 258, 106084. <https://www.sciencedirect.com/science/article/pii/S0010027725000241>

172. Granato, G., Costanzo, R., **Borghi, A.**, Mattera, A., Carruthers, S., Rossell, S., & Baldassarre, G. (2025, accepted). An experimental and computational investigation of executive functions and inner speech in schizophrenia spectrum disorders. *Scientific Reports*.

171. Fini*, C., Era*, V., Cuomo, G., Falcinelli, I., Candidi, M., Liuzza, M.T., Winter, B., **Borghi, A.M.** (2025). Digital Connection, Real Bonding: Brief Online Chats Boost Interpersonal Closeness regardless of the conversational topic *Heliyon*, 11(4), e42546. doi: [10.1016/j.heliyon.2025.e42526](https://doi.org/10.1016/j.heliyon.2025.e42526)

170. Villani, C., De Muynck, G., **Borghi, A.M.**, Lugli, L., Winter, B. (2025). Open hands, large numbers: Manual gestures influence random number generation. *Psychological Research*. <https://link.springer.com/article/10.1007/s00426-025-02085-5>.

169. Mazzuca, C., Fini, C., De Livio, C., Falcinelli, I., Maggio, F., Tummolini, L., **Borghi, A.M.** Words as Social Tools: A reprise. (2025). Words As social Tools: A reprise. *Physics of Life Reviews*, 52, 109-128.

168. Falcinelli, I., Fini, C., Mazzuca, C., Alessandri, G., Alivernini, F., Baiocco, R., ... & **Borghi, A. M.** (2024). What does “Internet” mean to us as we age? A multi-task investigation on the conceptualization of the technological domain across generations. *Computers in Human Behavior Reports*, 16, 100531.

167. **Borghi, A.M.**, De Livio, C., Gervasi, M., Mannella, F., Nolfi, S., Tummolini, L. (2024). Language as a cognitive and social tool at the time of Large Language Models (LLMs). *Journal of Cultural Cognitive Science*, 8, 179–198.

166. **Borghi, A.M.** (2024). Mechanistic explanation and the integration between language and action. *Cognitive Neuroscience*, Commentary of the article Davy Mougenot & Heath Matheson. Theoretical strategies for an embodied cognitive neuroscience: Mechanistic explanations of brain-body-environment systems. <https://www.tandfonline.com/doi/full/10.1080/17588928.2024.2403337>
165. Falcinelli, I., Fini, C., Mazzuca, C., & **Borghi, A.M.** (2024). The **green** domain: a review on the conceptualization of geographical and geopolitical entities. *Frontiers in Psychology*, *15*, 1389581.
164. Falcinelli, I., Fini, C., Mazzuca, C., & **Borghi, A.M.** (2024). The TECo Database: Technological and Ecological Concepts at the Interface between Abstractness and Concreteness. *Collabra Psychology*, *10*(1). IF 2023: 3.1.
163. Mirabella, M., Mazzuca, C., De Livio, C., Di Giannantonio, B., Rosati, F., Lorusso, M. M., Lingardi, V., **Borghi, A. M.**, & Giovanardi, G. (2024). The role of language in nonbinary identity construction: Gender words matter.. *Psychology of Sexual Orientation and Gender Diversity*. Advance online publication. <https://dx.doi.org/10.1037/sgd0000729>. IF 2023: 3.8.
162. Filosa, L., Sommovigo, V., Tavolucci, S., Rosa, V., Alivernini, F., Baiocco, R., **Borghi, A.M.**, Chirico, A., Fini, C., Palombi, T., Pistella, J., Lucidi, F. & Alessandri, G. (2024). Daily associations between global self-esteem and self-concept clarity and their relationships with subjective well-being in a sample of adult workers. *Journal of Personality*.
161. Pistella, J., Baiocco, R., Antonucci, C., Alessandri, G., Alivernini, F., **Borghi, A. M.**, Filosa, L., Fini, C., Palombi, T., Tavolucci, S. & Lucidi, F. (2024). Older LGBT+ adults and physical activity: a systematic review of qualitative and quantitative data. *Sexuality Research and Social Policy*, 1-26.
160. Baiocco, R., Antonucci, C., Pistella, J., Alessandri, G., Alivernini, F., **Borghi, A. M.**, Chirico, A., Filosa, L., Fini, C., Palombi, T., Rosati, F., Tavolucci, S. & Lucidi, F. (2024). Aging well in an aging society: physical health in older lesbian, gay, and bisexual adults. *Frontiers in Psychology*, *15*, 1369021.
159. Nico, D., **Borghi, A.M.**, Tummolini, L., Daprat, E. (2024). Abstract concepts and simulated competition. *Psychological Research*, *88*, 238–256. <https://doi.org/10.1007/s00426-023-01843-7>. IF 2022: 2.3.
158. **Borghi, A.M.**, De Livio, C., Falcinelli, I., Gervasi, M. (2023). Beyond simple laboratory studies, toward interactive methods Commentary on the Review Article: Beyond simple laboratory studies: Developing sophisticated models to study rich behavior. *Physics of Life Reviews*, *47*, 197-199. doi: [10.1016/j.plrev.2023.10.025](https://doi.org/10.1016/j.plrev.2023.10.025)
157. Gianelli, C., Kühne, K., Miklashevsky, A., Jeglinski-Mende, M., Canessa, N., & **Borghi, A. M.** (2023). COVID-19 and the perceived dangerousness of everyday objects: A behavioural online study in Italy and Germany. *Collabra: Psychology*, *9*(1). IF: 3.1.
156. Banks, B., **Borghi, A.M.**, Fargier, R., Fini, C., Jonauskaitė, D., Mazzuca, C., Montalti, M., Villani, C., Woodin, G. (2023). Consensus Paper: Current Perspectives on Abstract Concepts and Future Research Directions. *Journal of Cognition*, *6*(1):62. doi: 10.5334/joc.238. PMID: 37841672; PMCID: PMC10573588.

155. Fernyhough, C., **Borghi, A.M.** (2023). Inner speech as language process and cognitive tool. *Trends in Cognitive Sciences* 27, 12, 1180-1193. <https://doi.org/10.1016/j.tics.2023.08.014> 1 - IF 2023: 16.7
154. Mazzuca, C., **Borghi, A. M.**, van Putten, S., Lugli, L., Nicoletti, R., & Majid, A. (2023). Gender is conceptualized in different ways across cultures. *Language and Cognition*.
153. Fini, C., Tummolini, L., Dove, G., **Borghi, A.M.** (2023). Editorial: Insights in theoretical and philosophical psychology. *Frontiers in psychology*.
152. **Borghi, A.M.**, Falcinelli, I, Fini, C, Gervasi, A., & Mazzuca, C (2023) How Do We Learn and Why Do We Use Abstract Concepts and Words. *Front. Young Minds*. 11:1138574. doi: 10.3389/frym.2023.1138574. <https://kids.frontiersin.org/articles/10.3389/frym.2023.1138574>
151. **Borghi, A. M.**, Gervasi, A. M., & Brozzoli, C. (2023). Language as a means to reduce uncertainty: Comment on" An active inference model of hierarchical action understanding, learning and imitation" by R. Proietti, G. Pezzulo, A. Tessari. *Physics of Life Reviews*, 46, 261-263. DOI: [10.1016/j.plrev.2023.07.014](https://doi.org/10.1016/j.plrev.2023.07.014) .
150. Mazzuca, C., **Borghi, A. M.**, van Putten, S., Lugli, L., Nicoletti, R., & Majid, A. (2020). (in press). Gender is conceptualized in different ways across cultures. *Language and Cognition*. **IF 2022: 1.8.**
149. **Borghi A.M.**, Gervasi, A.M., Brozzoli, C. (2023). Language as a means to reduce uncertainty. *Physics of Life Reviews*. Ref.: Ms. No. PLREV-D-23-00108. Accepted on July 24, 2023. **IF 2022: 11.7.**
148. **Borghi, A.M.**, Falcinelli, I., Fini, C., Gervasi, A.M., Mazzuca, C. (accepted, in press). How do we learn and why do we use abstract concepts and words? *Frontiers for Young Minds*.
147. **Borghi, A. M.**, Mazzuca, C., Gervasi, A. M., Mannella, F., & Tummolini, L. (2023). Grounded cognition can be multimodal all the way down. *Language, Cognition and Neuroscience*, 1-5. **IF 2022: 2.3**
146. **Borghi, A.M.**, & Mazzuca, C. (2023). Grounded Cognition, Linguistic Relativity, and Abstract Concepts. *Topics in Cognitive Science*. doi: <https://onlinelibrary.wiley.com/doi/full/10.1111/tops.12663>. **IF 2022: 3.0**
145. Fini, C., Falcinelli, I., Cuomo, G., Era, V., Mazzuca, C., Candidi, M., Tummolini, L., **Borghi, A.M.** (2023). Breaking the ice in conversation: Abstract words prompt dialogues more easily than concrete words. *Language and cognition*, 34, 3. **IF 2022: 1.8, CIT: 2.**
144. **Borghi, A. M.**, Osińska, A., Roepstorff, A., & Racaszek-Leonardi, J. (2023). Concepts in interaction: social engagement and inner experiences. *Philosophical Transactions of the Royal Society B*, 378(1870), 20210351. doi: 10.1098/rstb.2021.035. **IF 2022: 6.3**
143. **Borghi, A.M.**, Fernyhough, C. (2023). Concepts, abstractness, and inner speech. *Philosophical Transactions of the Royal Society B: Biological Sciences* 378(1870), 20210371. doi: 10.1098/rstb.2021.0371. **IF 2022: 6.3, CIT: 4.**

142. **Borghi, A. M.**, Shaki, S., & Fischer, M. H. (2022). Abstract concepts: External influences, internal constraints, and methodological issues. *Psychological Research*, 86(8), 2370-2388. **IF 2022: 2.3. CIT: 1.**
 141. **Borghi, A. M.**, Shaki, S., & Fischer, M. H. (2022). Concrete constraints on abstract concepts. *Psychological Research*, 86(8), 2366-2369. **IF 2022: 2.3: CIT: 0.**
 140. Bellagamba*, F., **Borghi*, A.M.**, Mazzuca, C., Pecora, G., Ferrara, F., Fogel, A. (2022). Abstractness emerges progressively over the second year of life. *Scientific report*, 12, 20940. <https://doi.org/10.1038/s41598-022-25426-5>. **IF 2022: 4.6.**
 139. Di Vincenzo, M., Palini, F., De Marsico, M., **Borghi, A.M.**, Baldassarre, G. (2022). A natural human-drone embodied interface: empirical comparison with a traditional interface. *Frontiers in Neurorobotics*.<https://doi.org/10.3389/fnbot.2022.898859>. **IF 2022: 3.1, CIT:1.**
 138. Villani, C., Orsoni, M., Lugli, L., Benassi, M., **Borghi, A.M.** (2022). Abstract concepts in conversation. *Scientific report*, 12: 17572. <https://doi.org/10.1038/s41598-022-20785-5>. **IF 2022: 4.6, CIT:6.**
 137. Paoletti, M., Fini, C., Filippini, C., Massari, G., D'Abundo, E., Merla, A., Bellagamba, F., **Borghi, A.M.** (2022). Abstract concepts processing induces parasympathetic activation: A thermal imaging study. *Frontiers in Psychology*. 13:932118. doi: 10.3389/fpsyg.2022.932118. **IF 2022: 3.8, CIT:1.**
 136. Granato, G., **Borghi, A.M.**, Mattera, G., Baldassarre, G. (2022). A computational model of inner speech supporting flexible goal-directed behaviour in Autism. *Scientific Report*, 12, 14198. <https://doi.org/10.1038/s41598-022-18445-9>. **IF 2021: 4.6.**
 135. **Borghi, A.M.**, Fini, C., & Mazzuca, C. (2022). Abstract Concepts, Social Interaction, and Beliefs. *Frontiers in Psychology*, 13. <https://doi.org/10.3389/fpsyg.2022.919808>. **IF 2022: 3.8, CIT: 1.**
 134. G. Pecora, Focaroli, V., Paoletti, M., Barca, L., Chiarotti, F., **Borghi, A.M.**, Gasparini, C. Caravale, B., Bombaci, I., Gastaldi, S., Bellagamba, F. Addessi, E. (2022). Infant sleep and development: Concurrent and longitudinal relations during the first 8 months of life. *Infant behavior and development*, 67, 101719. <https://doi.org/10.1016/j.infbeh.2022.101719>, **IF: 2,1, CIT: 3.**
 133. **Borghi, A.M.** (2022). Concepts for which we need others more: The case of abstract concepts. *Current directions in psychological science*, 31(3), 238–246. <https://doi.org/10.1177/09637214221079625> **IF 2022: 7.2, CIT: 14.**
- News on APS – Association for Psychological Science.
<https://www.psychologicalscience.org/news/releases/new-content-from-current-directions-in-psychological-science-2022-july-15.html>
132. D'Aversa, F., Lugli, L., **Borghi, A.M.**, Barca, L. (2022). Implicit effect of abstract/concrete components in the categorization of Chinese words. *Journal of Cognitive Psychology*, 34(5), 592–606. <https://www.tandfonline.com/doi/full/10.1080/20445911.2022.2049279>. **IF 2022: 1.3, CIT: 0.**

131. Mazzuca, C., Falcinelli, I., Michalland, A.M., Tummolini, L., **Borghi, A.M.** (2022). Bodily, emotional, and public sphere at the time of COVID-19. An investigation on concrete and abstract concepts. *Psychological research*, 86, 2266–2277.
<https://link.springer.com/article/10.1007/s00426-021-01633-z>. **IF 2022: 2.3, CIT: 9.**
130. Giocondo, F., **Borghi, A. M.**, Baldassarre, G., & Caligiore, D. (2022). Emotions modulate affordances-related motor responses: a priming experiment. *Frontiers in Psychology*, 13.doi: [10.3389/fpsyg.2022.701714](https://doi.org/10.3389/fpsyg.2022.701714). **IF 2022: 3.8, CIT: 1.**
129. Fini*, C., Zannino*, G., Orsoni, M., Carlesimo, G., Benassi, M., **Borghi, A.M.** (2022). Articulatory suppression delays processing of abstract concepts: The role of inner speech. *Quarterly Journal of Experimental Psychology*, 75(7), 1343–1354.
<https://journals.sagepub.com/doi/10.1177/17470218211053623>. **IF 2022: 1.7, CIT: 8.**
128. Villani, C., D'Ascenzo, S., **Borghi, A. M.**, Roversi, C., Benassi, M., Lugli, L. (2022). Is justice grounded? How expertise shapes conceptual representation of institutional concepts. *Psychological Research*, 1-17. **IF 2022: 2.3, CIT: 6.**
127. Dove, G., Barca, L., Tummolini, L., **Borghi, A.M.** (2022). Words have a weight: language as a source of inner grounding and flexibility in abstract concepts. *Psychological Research*, 86(8), 2451-2467. **IF 2022: 2.3, CIT: 22.**
126. **Borghi, A. M.**, Mazzuca, C., Da Rold, F., Falcinelli, I., Fini, C., Michalland, A. H., & Tummolini, L. (2021). Abstract words as social tools: which necessary evidence? *Frontiers in Psychology*, 11, 613026. **IF 2021: 4.232, CIT: 5.**
125. Fini, C., Tummolini, L., **Borghi, A.M.** (2021). Contextual modulation of preferred social distance during the Covid-19 pandemic. *Scientific Reports*, 11(1), 1-11. **IF 2021: 4.997, CIT: 6.**
124. Pezzuti, L., Dawe, J., **Borghi, A.M.** (2021). Does mastering of abstract concepts decline with age? *Educational Gerontology*, 47, 12, 527-542. **IF: 1.389, CIT: 2.**
<https://www.tandfonline.com/doi/full/10.1080/03601277.2021.2008709>
123. Mazzuca*, C., Fini*, C., Michalland, A.H., Falcinelli, I., Da Rold, F., Tummolini, L., **Borghi, A.M.** (2021). From affordances to abstract words: The flexibility of sensorimotor grounding. *Brain Sciences*, 11, 10, 1304,
<https://doi.org/10.3390/brainsci11101304>. **IF 2021: 3.333, CIT: 23.**
122. Mazzuca, C., Falcinelli, I., Michalland, A.H., Tummolini, L., **Borghi, A.M.** (2021). Differences and similarities in the conceptualization of COVID-19 and other diseases in the first Italian lockdown. *Scientific Report*, 11, 18303. <https://doi.org/10.1038/s41598-021-97805-3>. **IF 2021: 4.997, CIT:8.**
121. Fini, C., Era, V., da Rold, F., Candidi, M., & **Borghi, A.M.** (2021). Abstract concepts in interaction: The need of others when guessing abstract concepts smooths dyadic motor interactions. *Royal Society open*, 8, 201205201205<http://doi.org/10.1098/rsos.201205>. **IF 2021: 3.653, CIT: 22.**
120. Papitto, G., Lugli, L., **Borghi A. M.**, Pellicano A., Binkofski F. (2021). Embodied negation and levels of concreteness: A TMS Study on German and Italian language processing

Brain Research, 147523, <https://doi.org/10.1016/j.brainres.2021.147523>. **IF 2021: 3.61, CIT:2.**

119. Mustile M., Giocondo, F., Caligiore, D., **Borghi, A. M.**, Kourtis, D. (2021). Motor inhibition to dangerous objects: Electrophysiological evidence for task-dependent aversive affordances. *Journal of Cognitive Neuroscience* 33 (5), 826-839. https://doi.org/10.1162/jocn_a_01690. **IF 2021: 3.420, CIT: 7.**

118. **Borghi, A.M.** (2021). Affordances, context and sociality. *Synthese*, 199(5-6), 12485-12515. DOI: 10.1007/s11229-018-02044-1. **IF 2021: 1.595, CIT: 22.**

117. Villani, C., Lugli, L., Liuzza, M.T., Nicoletti, R., **Borghi, A.M.** (2021). Sensorimotor and interoceptive dimensions in concrete and abstract concepts. *Journal of Memory and Language*, 116, 104173. doi: 10.31234/osf.io/kn3vc. **IF 2021: 4.521, CIT: 36.**

116. **Borghi, A.M.**, (2020). A future of words: Language and the challenge of abstract concepts. (special collection: The future of embodiment research. Challenges and opportunities.) *Journal of Cognition*, 3(1): 42, pp.1?18. DOI: <https://doi.org/10.5334/joc.134>. **CIT: 43.**

115. Granato, G., **Borghi, A.M.**, Baldassarre, G. (2020). A computational model of language functions in flexible goal-directed behavior. *Scientific Reports*, 10, 21623 (2020). <https://doi.org/10.1038/s41598-020-78252-y>. **IF 2020: 4.38, CIT: 10.**

114. **Borghi, A.M.**, Tummolini, L. (2020). Touch me if you can: The intangible but grounded nature of abstract concepts. Commentary to Gilead, Trope & Liberman. *Behavioral and Brain Sciences*, 43, DOI: <https://doi.org/10.1017/S0140525X19003091>. **IF 2020: 12.579, CIT: 3.**

113. Ghandhari, M., Fini, C., DaRold, F., **Borghi, A.M.** (2020). Different kinds of embodied language: a comparison between Italian and Persian languages. *Brain and Cognition*, 142, 105581. **IF 2020: 2.31, CIT: 11.**

112. Foerster, F., **Borghi, A.M.**, Goslin, J. (2020). Labels strengthen motor learning of new tools. *Cortex*, doi: 10.1016/j.cortex.2020.04.006. **IF 2020: 4.027, CIT: 10.**

111. Mazzuca, C., Majid, A., Lugli, L., Nicoletti, R., Borghi, A.M. (2020). Gender is a multifaceted concept: Evidence that specific life experiences differentially shape the concept of gender. *Language and Cognition*, 12(4), 649-678. **IF 2020: 1.8, CIT: 21.**

110. Barca, L., Mazzuca, C., **Borghi, A.M.** (2020). Overusing the Pacifier during Infancy Sets a Footprint on Abstract Words Processing. *Journal of Child Language*, 1-16, doi:10.1017/S0305000920000070. **IF 2020: 1.429, CIT: 16.**

109. **Borghi, A.M.**, Barsalou, L. (2019). Perspective in the conceptualization of categories. *Psychological Research*, doi: 10.1007/s00426-019-01269-0. **IF 2019: 2.424, CIT: 8.**

108. **Borghi, A.M.**, Barca, L., Binkofski, F., Castelfranchi, C., Pezzulo, G., Tummolini, L. (2019). Words as social tools: Flexibility, situatedness, language and sociality in abstract concepts. Reply to comments on “Words as social tools: Language, sociality and inner grounding in abstract concepts”. *Physics of Life Reviews*, 29:178-184. <https://doi.org/10.1016/j.plrev.2019.06.004>. **IF 2019: 14.789, CIT: 7.**

107. Villani, C., Lugli, L., Liuzza, M.T., **Borghi, A.M.** (2019). Varieties of abstract concepts and

their multiple dimensions. *Language and cognition*, 11, 3, 403-430.
<https://doi.org/10.1017/langcog.2019.23>. IF 2019: 1.26, CIT: 73.

106. **Borghi, A.M.**, Fini, C. (2019). Theories and explanations in psychology. *Frontiers in psychology* 10, 958. IF 2019: 2.067, CIT: 13.

105. **Borghi, A.M.**, Barca, L., Binkofski, F., Castelfranchi, C., Pezzulo, G., Tummolini, L. (2019). Words as social tools: Language, sociality and inner grounding in abstract concepts. *Physics of Life Reviews*, 29, 120-153. <https://doi.org/10.1016/j.plrev.2018.12.001>. IF 2019: 14.789, CIT: 109.

104. Fini, C., **Borghi, A.M.** (2019). Sociality to reach objects and to catch meaning: the case of concrete and abstract concepts. *Frontiers in Psychology* 10, 838. IF 2018: 2.067, CIT: 20.

103. Jin Z., Tirassa M., **Borghi A.M.** (2018). Editorial: Beyond Embodied Cognition: Intentionality, Affordance, and Environmental Adaptation. *Frontiers in Psychology*, section Cognition, 9:2659. doi: 10.3389/fpsyg.2018.02659. IF 2018: 2.129, CIT: 1.

102. Mazzuca, C., Lugli, L., Benassi, M., Nicoletti, R., **Borghi, A.M.** (2018). Abstract, emotional and concrete concepts and the activation of mouth-hand effectors. *PeerJ* 6:e5987
<http://doi.org/10.7717/peerj.5987>. IF 2018: 2.353, CIT: 24.

101. Lugli, L., D'Ascenzo, S., **Borghi, A.M.**, Nicoletti, R. (2018). Clock Walking and Gender: How Circular Movements Influence Arithmetic Calculations. *Front Psychol.* 9:1599. doi: 10.3389/fpsyg.2018.01599. IF 2018: 2.129, CIT: 5.

100. **Borghi, A.M.**, Barca, L., Binkofski, F., Tummolini, L. (2018). Varieties of abstract concepts: development, use and representation in the brain. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 373, 20170121. <http://dx.doi.org/10.1098/rstb.2017.0121>. IF 2018: 6.139, CIT: 70.

99. Horoufchin, H., Bzdok, D., Buccino, G., **Borghi, A.M.**, Binkofski, F. (2018). Action and object words are differentially anchored in the sensory motor system - A perspective on cognitive embodiment. *Scientific Reports* 8(1):6583. doi: 10.1038/s41598-018-24475-z. IF 2018: 4.011, CIT: 30.

98. Setti, A., **Borghi, A.M.** (2018). Editorial: Embodied Cognition Over the Lifespan: Theoretical Issues and Implications for Applied Settings. *Front. Psychol.* 9:550. doi: 10.3389/fpsyg.2018.00550. IF 2018: 2.129, CIT: 4.

97. **Borghi, A.M.**, Barca, L., Binkofski, F., Tummolini, L. (2018). Abstract concepts, language and sociality: from acquisition to inner speech. *Philosophical Transactions of the Royal Society : Biological Sciences*, 5;373(1752). pii: 20170134. doi: 10.1098/rstb.2017.0134. IF 2018: 6.139, CIT: 46.

96. Scorolli, C., **Borghi, A.M.**, Tummolini, L. (2018). Cues of control modulate the ascription of object ownership. *Psychological Research*, 82(5):929-954. DOI: 10.1007/s00426-017-0871-9. IF 2018: 2.855, CIT: 17.

95. Barca, L., Mazzuca, C., **Borghi, A.M.** (2017). Pacifier overuse and conceptual relations of abstract and emotional concepts *Frontiers in Psychology*, doi: 10.3389/fpsyg.2017.02014. IF 2017: 2.089, CIT: 34.

94. **Borghi, A.M.**, Binkofski, F., Castelfranchi, C., Cimatti, F., Scorolli, C., Tummolini, L. (2017). The challenge of abstract words. *Psychological Bulletin*, 143(3):263-292. <http://dx.doi.org/10.1037/bul0000089>. **IF 2017: 13.25, CIT: 257.**
93. Pellicano, A., **Borghi, A.M.**, Binkofski, F. (2017). Editorial: Bridging the Theories of Affordances and Limb Apraxia. *Front. Hum. Neurosci.* 11:148. doi: 10.3389/fnhum.2017.00148. **IF: 2.871, CIT: 9.**
92. **Borghi, A.M.**, Setti, A. (2017) Abstract Concepts and Aging: An Embodied and Grounded Perspective. *Front. Psychol.* 8:430. doi: 10.3389/fpsyg.2017.00430. **IF 2017: 2.089, CIT: 8.**
91. Marino, B., **Borghi, A.M.**, Buccino, G., Riggio, L. (2017). Chained activation of the motor system during language understanding. *Front. Psychol.* 8:199. doi: 10.3389/fpsyg.2017.00199. **IF 2017: 2.089, CIT: 10.**
90. Gianelli, C., Marzocchi M., **Borghi A.M.** (2017) Grasping the Agent's Perspective: A Kinematics Investigation of Linguistic Perspective in Italian and German. *Front. Psychol.* 8:42. doi: 10.3389/fpsyg.2017.00042. **IF 2017: 2.089, CIT: 3.**
89. Scerrati, E., Lugli, L., **Borghi, A.M.**, Nicoletti, R. (2017). The multifold Modality-Switch Effect: What Happens When We See the Bees Buzzing After Hearing the Diamonds Glistening *Psychonomic Bulletin & Review*, 24(3), 798-803. DOI 10.3758/s13423-016-1150-2. **IF 2017: 3.092, CIT: 9.**
88. **Borghi, A.M.**, Zarcone, E. (2016). Grounding abstractness: Abstract concepts and the activation of the mouth. *Front. Psychol.* 7:1498. doi: 10.3389/fpsyg.2016.01498. **IF 2016: 2.321, CIT: 45.**
87. Lugli, L., Obertis, A., **Borghi, A.M.** (2017). Hitting is male, giving is female: Automatic imitation and complementarity during action observation. *Psychological Research*. DOI: 10.1007/s00426-016-0808-8. **IF 2017: 2.329, CIT: 5.**
86. Sakreida, K., Effner, I., Thill, S., Menz, M.M., Jirak, D., Eickhoff, C.R., Ziemke, T., Eickhoff, S.B., **Borghi, A.M.**, Binkofski, F. (2016). Affordance processing in segregated parieto-frontal dorsal stream sub-pathways. *Neuroscience & Biobehavioral Reviews*, 69, 89-112. **IF 2016: 8.299, CIT: 63.**
85. Jacquet P.O., Roy A.C., Chambon V., **Borghi, A.M.**, Salemme R., Farnè A., & Reilly K.T. (2016). Changing ideas about others' intentions: updating prior expectations tunes activity in the human motor system. *Scientific Reports*, 6:26995. DOI: 10.1038/srep26995. **IF 2016: 4.259, CIT: 13.**
84. **Borghi, A.M.** (2016). Commentary: "Weighty data: importance information influences estimated weight of digital information storage devices". *Front. Psychol.* 7:709. doi: 10.3389/fpsyg.2016.00709 83. **IF 2016: 2.321, CIT: 0.**
83. Scorolli, C., Daprati, E., Nico, D., **Borghi, A.M.** (2016). Reaching for objects or asking for them: Distance estimation in 7 to 15 years-old children . *Journal of Motor Behavior*, 48(2):183-91. doi: 10.1080/00222895.2015.1070787. **IF 2016: 1.327, CIT: 12.**
82. Natraj, N., Pella, I.M., **Borghi, A.M.**, Wheaton, L.A. (2015). The visual encoding of tool-object

affordances. *Neuroscience (Section: Cognitive, Behavioral and Systems Neuroscience)*. pii: S0306-4522(15)00887-8. doi: 10.1016/j.neuroscience.2015.09.060. **IF 2015: 3.231, CIT: 20.**

81. Scorolli, C., & **Borghi, A.M.** (2015). Square bananas, blue horses: The relative weight of shape and color in concept recognition and representation. *Frontiers in Psychology*, 6:1542. doi:10.3389/fpsyg.2015.01542. **IF 2015: 2.463, CIT: 7.**

80. Scerrati E., Baroni G., **Borghi A.M.**, Galatolo R., Lugli, L. and Nicoletti R. (2015). The modality-switch effect: Visually and aurally presented prime sentences activate our senses. *Front. Psychol.* 6:1668. doi: 10.3389/fpsyg.2015.01668. **IF 2015: 2.463, CIT: 17.**

79. Marino, B., **Borghi, A.M.**, Gemmi, L., Cacciari, C., Riggio, L. (2015). Neural Adaptation Effects in Conceptual Processing. *Behavioral Sciences*, 5 (3), 353-371. doi:10.3390/bs50x000x. **CIT: 1.**

78. **Borghi, A.M.**, Riggio, L. (2015). Stable and variable affordances are both automatic and flexible. *Frontiers in Human Neuroscience*, 9:351. doi: 10.3389/fnhum.2015.00351. **IF 2015: 3.634, CIT: 100.**

77. Flumini, A., Barca, L., **Borghi, A.M.**, & Pezzulo, G. (2015). How do you hold your mouse? Tracking the compatibility effect between hand posture and stimulus size, 79(6):928-38.. *Psychological research*, 1-11. doi: 10.1007/s00426-014-0622-0. **IF 2015: 2.863, CIT: 18.**

76. Granito, C., Scorolli, C., **Borghi, A.M.** (2015). Naming a Lego world. The role of language in the acquisition of abstract concepts. *Plos One* 10(1): e0114615. doi:10.1371/journal.pone.0114615. **IF 2015: 3.057, CIT: 39.**

75. Anelli, F., Lugli, L., Baroni, G., **Borghi, A.M.**, Nicoletti, R. (2014). Walking boosts your performance in making additions and subtractions. *Frontiers in Psychology* 5:1459. doi:10.3389/fpsyg.2014.01459. **IF 2014: 2.56, CIT: 25.**

74. **Borghi A.M.**, Capirci O., Gianfreda G., Volterra V. (2014) The body and the fading away of abstract concepts and words: a sign language analysis. *Front. Psychol.* 5:811. doi: 10.3389/fpsyg.2014.0081172. **IF 2014: 2.560**

73. Flumini, A., Ranzini, M., **Borghi, A.M.** (2014). Nomina sunt consequentia rerum. –Sound–shape correspondences with every-day objects figures. *Journal of Memory and Language*, 76, 47-60. **IF 2014: 4.237, CIT: 10.**

72. **Borghi, A.M.**, Cangelosi, A. (2014). Action language integration: from humans to cognitive robots. *Topics in Cognitive Science*;6(3), 344-58. doi: 10.1111/tops.12103. **IF 2014: 3.063, CIT: 18.**

71. **Borghi, A.M.** (2014). Affordances and contextual flexibility. *Physics of Life Reviews*, 11(2):267-8. doi: 10.1016/j.plrev.2014.01.009. Commentary of: van Elk, van Schie and Bekkering, Action Semantics: A unifying conceptual framework for the selective use of multimodal and modality-specific object knowledge. **IF 2014: 7.478, CIT: 4.**

70. Scorolli, C., Miatton, M., Wheaton, L., **Borghi, A.M.** (2014). I give you a cup, I get a cup: A kinematics study on social intention. *Neuropsychologia*, 57, 196-204. doi: 10.1016/j.neuropsychologia.2014.03.006. **IF 2014: 3.302, CIT: 28.**

69. Morlino, G., Gianelli, C., **Borghi, A.M.**, Nolfi, S. (2015). Learning to manipulate and categorize in human and artificial agents. *Cognitive Science*, 39(1), 39-64. DOI: 10.1111/cogs.12130. **IF 2015: 2.706, CIT: 10.**
68. Kalénine, S., Shapiro, A. D., Flumini, A., **Borghi, A.M.**, & Buxbaum, L. J. (2014). Visual context modulates potentiation of grasp types during semantic object categorization. *Psychonomic bulletin & review*, 21(3), 645-651. Doi: 10.3758/s13423-013-0536-7 **IF 2014: 3.369, CIT: 38.**
67. Kalkan, S., Dag, N., Yuruten, O., **Borghi, A.M.**, Sahin, E. (2014). Verb concepts from affordances. *Interaction Studies* 15:1, 1-37. doi: 10.1075/is.15.1.01kal. **CIT: 21.**
66. Gianelli, C., Lugli, L., Baroni, G., Nicoletti, R., & **Borghi, A.M.** (2013). The impact of social context and language comprehension on behaviour: A kinematic investigation. PLoS ONE, Volume 8(12): e85151. doi: 10.1371/journal.pone.0085151. **IF 2013: 3.534, CIT: 3.**
65. Anelli, F., Nicoletti, R., Bolzani, R., **Borghi, A.M.** (2013). Keep away from danger: Dangerous objects in dynamic and static situations. *Frontiers in Human Neuroscience*, 7, 344.. doi: 10.3389/fnhum.2013.00344. **IF 2013: 2.895, CIT: 27.**
64. Anelli, F., Ranzini, M., Nicoletti, R., **Borghi, A.M.** (2013). Perceiving object dangerousness: An escape from pain? *Experimental Brain Research*, 228, 457-466. **IF 2013: 2.828, CIT: 24.**
63. Roversi, C., **Borghi, A.M.**, Tummolini, L. (2013). A Marriage is an Artefact and not a Walk that We Take Together: An Experimental Study on the Categorization of Artefacts. *Review of Philosophy and Psychology*, 4, 3, 527-542. **IF 2013: 1.378, CIT: 25.**
62. Lugli, L., Baroni, G., Anelli, F., **Borghi, A.M.**, & Nicoletti, R. (2013). Counting is Easier while Experiencing a Congruent Motion. *Plos One*, 8, 5, Article number 64500. **DOI: 10.1371/journal.pone.0064500. IF 2013: 3.534, CIT: 34.**
61. **Borghi, A.M.**, Scorolli, C., Caligiore, D., Baldassarre, G. & Tummolini, L. (2013). The embodied mind extended: Words as social tools. *Frontiers in Psychology* 4:214. doi: 10.3389/fpsyg.2013.00214. **IF 2013: 2.843, CIT: 63.**
60. Sakreida, K., Scorolli, C., Menz, M.M., Heim, S., **Borghi, A.M.**, & Binkofski, F. (2013) Are abstract action words embodied? An fMRI investigation at the interface between language and motor cognition, *Frontiers in Human Neuroscience*, 7:125. doi: 10.3389/fnhum.2013.00125. **IF 2013: 2.895, CIT: 82.**
59. Thill, S., Caligiore, D., **Borghi, A.M.**, Ziemke, T., Baldassarre (2013). Theories and Computational Models of Affordance and Mirror Systems: An Integrative Review. *Neuroscience and Biobehavioral Reviews*, 37(3), 491-521. doi: 10.1016/j.neubiorev.2013.01.012. **IF 2013 = 10.284, CIT: 155.**
58. Paglieri F., **Borghi, A.M.**, Colzato L.S., Hommel B., Scorolli C. (2013). Heaven can wait: How religion modulates temporal discounting. *Psychological Research*, 77, 6, 738-747. **Doi: 10.1007/s00426-012-0473-5. IF 2013: 2.462, CIT: 29.**
57. Natraj, N., Poole, V., Mizelle, J.C., Flumini, A., **Borghi, A.M.**, Wheaton, L. (2013). Context and Hand Posture Modulate the Neural Dynamics of Tool-Object Perception. *Neuropsychologia*, 51, 506-519. DOI: 10.1016/j.neuropsychologia.2012.12.003. **IF 2013: 3.451, CIT: 29.**

56. Gianelli, C., Scorolli, C., **Borghi, A.M.** (2013). Acting in perspective: The role of body and of language as social tools. *Psychological Research*, 77, 1, 40-52. **IF 2013: 2.462, CIT: 40.**
55. Caligiore, D., **Borghi, A.M.**, Parisi, D., Ellis, R., Cangelosi, A., Baldassarre, G. (2013). How affordances associated with a distractor object affect compatibility effects: A study with the computational model TRoPICALS. *Psychological Research*, 77, 1, 7-19. DOI: 10.1007/s00426-012-0424-1. **IF 2013: 2.462, CIT: 34.**
54. Tummolini, L. Scorolli, C., **Borghi, A.M.** (2013). Disentangling the sense of ownership from the sense of fairness. Commentary on Baumard, André and Sperber, *Behavioral and Brain Sciences*, 36, pp 101-102. doi:10.1017/S0140525X1200088X. **IF 2013: 14.962, CIT: 10.**
53. Scorolli, C., Jacquet, P., Binkofski, F., Nicoletti, R., Tessari, A., **Borghi, A.M.** (2012). Abstract and concrete phrases processing differently modulates cortico-spinal excitability. *Brain Research*, 1488, 60-71. doi: 10.1016/j.brainres.2012.10.004. **IF 2012: 2.879, CIT: 46.**
52. Anelli, F., **Borghi, A.M.**, Nicoletti, R. (2012). Grasping the pain: Motor resonance with dangerous affordances. *Consciousness & Cognition*, 21, 1627-1639. Doi: 10.1016/j.concog.2012.09.001. **IF 2012: 2.027, CIT: 52.**
51. Ambrosini, E., Scorolli, C., **Borghi, A.M.**, Costantini, M. (2012). Which body for embodied cognition? Affordance and language within actual and perceived reaching space. *Consciousness and cognition*, 21, 1551–1557. **IF 2012: 2.027, CIT: 36.**
50. Fusaroli, R., Demuru, P., Borghi, A.M. (2012). Introduction to the special issue. The intersubjectivity of embodiment. *Cognitive semiotics*, 4, 1, 1-5. **ISBN: 978-87-995235-0-4.**
49. Gianelli, C., Ranzini, M., Marzocchi M., Rettore Micheli L., **Borghi, A.M.** (2012). Influence of numerical magnitudes on the free choice of an object position. *Cognitive Processing*, 13, 185-188. DOI 10.1007/s10339-012-0483-7. **CIT: 16**
48. Jacquet, P., Jambon, V., **Borghi, A.M.**, Tessari, A. (2012). Object Affordances Tune Observers' Prior Expectations About Tool-Use Behaviors. *PLoS ONE* 7(6): e39629. doi:10.1371/journal.pone.0039629. **IF 2012: 3.73, CIT: 29.**
47. **Borghi, A.M.**, Flumini, A., Natraj, N., Wheaton, L.A. (2012). One hand, two objects: Emergence of affordance in contexts. *Brain and Cognition*, 80, (1), 64-73. Doi: 10.1016/j.bandc.2012.04.007. **IF 2012: 2.823, CIT: 84.**
46. Lugli, L., Baroni, G., Gianelli, C., **Borghi, A.M.**, Nicoletti, R. (2012). Self, others, objects: How this triadic interaction modulates our behavior. *Memory and Cognition*, 40, 1373-1386. DOI 10.3758/s13421-012-0218-0. **IF 2012: 2.049, CIT: 17.**
45. Liuzza, M.T., Setti, A., **Borghi, A.M.** (2012). Kids observing other kids' hands: visuomotor priming in children. *Consciousness & Cognition*, 21, 383-392. **IF 2012: 2.027, CIT: 24.**
43. Jacquet, P., Binkofski, F., Tessari, A., **Borghi, A.M.** (2012). Can object affordances impact on human social learning of tool use? *Behavioral and Brain Sciences*, 35, 227-228. Commentary to the target article The cognitive bases of human tool use by K. Vaesen. **IF 2012: 18.571, CIT: 2.**

- 42. Borghi, A.M.** (2011). Simulating the elimination of simulation: The case of language comprehension. Commentary to T. Iachini, Mental imagery and embodied cognition. *Journal of Mental Imagery*, 3-4, 27-33.
41. Ranzini, M., Lugli, L., Anelli, M. Carbone, R., Nicoletti, R., **Borghi, A.M.** (2011). Graspable objects shape number processing. *Frontiers in Human Neuroscience*, 5, art.147, doi: 10.3389/fnhum.2011.00147. **IF 2011: 2.339, CIT: 32.**
40. Scorolli, C., Binkofski, F., Buccino, G., Nicoletti, R., Riggio, L., **Borghi, A.M.** (2011). Abstract and concrete sentences, embodiment, and languages. *Frontiers in Psychology*, 2, 227. doi: 10.3389/fpsyg.2011.00227. **CIT: 54.**
- 39. Borghi, A.M.,** Pecher, D. (2011). Introduction to the special topic Embodied and Grounded Cognition. *Frontiers in Psychology*, 2, 187. doi: 10.3389/fpsyg.2011.00187. **CIT: 52.**
38. Hommel, B., Colzato, L., Scorolli, C., **Borghi, A.M.**, van den Wildenberg, L.P.M.(2011). Action control and religion: Faith-specific modulation of the Simon effect but not stop-signal performance. *Cognition*, 120, 177-185. **IF 2011: 3.162, CIT: 31.**
- 37. Borghi, A.M.,** Flumini, A., Cimatti, F., Marocco, D. & Scorolli, C. (2011). Manipulating objects and telling words: A study on concrete and abstract words acquisition. *Frontiers in Psychology* 2:15. doi: 10.3389/fpsyg.2011.00015. **CIT: 83.**
- 36. Borghi, A.M.,** Di Ferdinando, A., & Parisi, D. (2011). Objects, spatial compatibility, and affordances: A connectionist study. *Cognitive Systems Research*, 12, 33-44.35. **IF 2011: 1.173, CIT: 7.**
- 35.** Costantini, M., Ambrosini, E., Scorolli, C., **Borghi, A.M.** (2011). When objects are close to me: Affordances in the peripersonal space. *Psychonomic Bulletin & Review*, 18, 302-308. 2010. doi: 10.3758/s13423-011-0054-4. **IF 2011: 2.606, CIT: 108.**
- 34.** Ranzini, M., **Borghi, A.M.**, Nicoletti, R. (2011). With hands I do not centre! Action- and object-related effects of hand-cueing in the line bisection. *Neuropsychologia*, 49, 2918-2928. doi: 10.1016/j.neuropsychologia.2011.06.019 **IF 2011: 3.636, CIT: 15.**
- 33. Borghi, A.M.,** Cimatti, F.(2010). Embodied cognition and beyond: Acting and sensing the body. *Neuropsychologia*, 48, 763-773. doi: 10.1016/j.neuropsychologia.2009.10.029. **IF 2010: 3.949, CIT: 213.**
- 32.** Pezzulo, G., Barca, L., Lamberti Bocconi, A., **Borghi, A.M.** (2010). When affordances climb into your mind: Advantages of Motor Simulation in a Memory Task Performed by Novice and Expert Rock Climbers. *Brain and Cognition*, 73, 68-73. **IF 2010: 2.838, CIT: 82.**
- 31.** Colzato, L., van Beest, I., van den Wildenberg, W.P.M., Scorolli, C., Dorchin, S., Meiran, N., **Borghi, A.M.**, Hommel, B. (2010). God, do I have your attention? *Cognition*, 117, 87-94. 32. doi: 10.1016/j.cognition.2010.07.003. **IF 2011: 3.708, CIT: 58.**

Press release:

- **La Repubblica**, December 15, 2010: “Siete attenti al dettaglio? Dipende dal vostro credo religioso”.

- **Corriere di Bologna**, December 16, 2010: “Di che religione sei? Il credo influenza la percezione delle immagini. Lo dimostra uno studio dell’ateneo di Bologna.”
- **Il Resto del Carlino Bologna**, December 16, 2010.
- **Il giornale**, December 15, 2010: “Atei e credenti vedono il mondo in modo diverso”.
- **Liberazione**, 15/12/2010. Scienza: atei e credenti vedono le immagini in modo diverso
- **Interview to Anna Borghi on Radio 24.**
- **National Geographic Italia**, “Dimmi di che religione sei e ti dirò come vedi”, December 15, 2010.

30. Ferri, F., Stoianov, I. P., Gianelli, C., D'Amico, L., **Borghi, A.M.**, Gallese, V. (2010). When action meets emotions. How facial displays of emotion influence goal-related behavior. *PLoS ONE* 5 (10): e13126. doi: 10.1371/journal.pone.0013126. **IF 2010: 4.411, CIT: 31.**
29. Caligiore, D., **Borghi, A.M.**, Parisi, D., Baldassarre, G. (2010). TRoPICALS: An Embodied Neural-Network Model of Experiments on Compatibility Effects. *Psychological Review*, 117, 1188-228. 2010 doi: 10.1037/a0020887. **IF 2010: 7.784, CIT: 83.**
28. Jirak, D., Menz, M., Buccino, G., **Borghi, A.M.**, & Binkofski, F. (2010). Grasping language. A short story on embodiment. *Consciousness and Cognition*, 19, 711-720. **IF 2011: 2.179, CIT: 129.**
27. Pellicano, A., Iani, C., **Borghi, A.M.**, Rubichi, S., Nicoletti, R. (2010). Simon-like and functional affordance effects with tools: The effects of object perceptual discrimination and object action state. *Quarterly Journal of Experimental Psychology*, 63, 2190 — 2201. **IF 2010: 2.212, CIT: 96.**
26. Chersi, F., Thill, S., Ziemke, T., **Borghi, A.M.** (2010). Sentence processing: linking language to motor chains. *Frontiers in neurorobotics*, 4:4. doi: 10.3389/fnbot.2010.00004. **CIT: 79.**
25. **Borghi, A.M.**, Gianelli, C., Scorolli, C. (2010). Sentence comprehension: effectors and goals, self and others. An overview of experiments and implications for robotics. *Frontiers in neurorobotics*, 4:3. doi: 10.3389/fnbot.2010.00003. **CIT: 22.**
24. Tessari, A., Tsakiris, M., **Borghi, A.M.**, Serino, A. (2010). The sense of body: A multidisciplinary approach to body representation. Introduction to a special number on *Neuropsychologia*, 48, 643-644. **IF 2010: 3.949, CIT: 10.**
23. Anelli, F., Nicoletti, R., **Borghi, A.M.** (2010). Categorization and action. What about object consistence? *Acta Psychologica*, 133, 203-211. **IF 2010: 2.246, CIT: 21.**
22. Pellicano, A., Iani, C., Rubichi, S., Ricciarelli, P., **Borghi, A.M.**, & Nicoletti, R. (2010). Real life motor training modifies spatial performance: The advantage of being drummers. *American Journal of Psychology*, 123, 169-179. **IF 2010: 0.582, CIT: 12.**
21. **Borghi, A.M.**, Scorolli, C. (2009). Language comprehension and hand motion simulation. *Human Movement Science*, 28, 12-27. **IF 2009: 2.148, CIT: 34.**
20. Scorolli, C., **Borghi, A.M.**, Glenberg, A.M. (2009). Language-induced motor activity in bimanual object lifting. *Experimental Brain Research*, 193, 43-53. **IF 2009: 2.256, CIT: 39.**

19. **Borghi, A.M.**, Riggio, L. (2009). Sentence comprehension and simulation of objects temporary, canonical and stable affordances. *Brain Research*, 1253, 117-128. doi: 10.1016/j.brainres.2008.11.064. **IF 2009: 2.463, CIT: 110.**
18. Setti, A., **Borghi, A.M.**, Tessari, A. (2009). Moving hands, moving entities. *Brain and Cognition*, 70, 253-258. **IF 2009: 2.547, CIT: 8.**
17. Setti, A., Caramelli, N., **Borghi, A.M.** (2009). Conceptual information about size of objects in nouns. *European Journal of Cognitive Psychology*, 21, 7, 1022-1044. **IF 2009: 1.237, CIT: 19.**
16. Kalénine, S., Bonthoux, F., **Borghi, A.M.** (2009). How action and context priming influence categorization: a developmental study. *British Journal of Developmental Psychology*, 27, 717-730. **IF 2009: 1.418, CIT: 21.**
15. Freina, L., Baroni, G., **Borghi, A.M.**, Nicoletti, R.(2009).Emotive Concept-Nouns and Motor Responses: Attraction or Repulsion? *Memory and Cognition*, 37, 493-499. **IF 2009: 1.726, CIT: 31.**
14. Bruzzo, A., **Borghi, A.M.**, Ghirlanda, S. (2008). Hand-object interaction in perspective. *Neuroscience Letters*, 441, 61-5. **IF 2008: 2, CIT: 30.**
13. Passini, S., Strazzari, F., **Borghi, A.M.** (2008). Icon-function relationship in toolbar icons. *Displays*, 29, 521-525. **IF 2008: 1.768, CIT: 15.**
12. Iachini, T., **Borghi, A.M.**, Senese, P. (2008). Categorization and sensorimotor interaction with objects. *Brain and Cognition*, 67, 31-43. **IF 2008: 2.441, CIT: 23.**
11. **Borghi, A.M.**, Scorolli, C.(2008). Language and embodiment. *Anthropology and Philosophy*, 9 (1-2), pp. 7-23. ISBN 978-88-548-4093-5.
10. **Borghi, A.M.**, Bonfiglioli, C., Lugli, L., Ricciardelli, P., Rubichi, S., Nicoletti, R. (2007). Are visual stimuli sufficient to evoke motor information? Studies with hand primes. *Neuroscience Letters*, 411, 17-21. **IF 2007: 2.085, CIT: 86.**
9. Scorolli, C., **Borghi, A.M** (2007). Sentence comprehension and action: Effector specific modulation of the motor system. *Brain research*, 1130, 119-124. **IF 2007: 2.218, CIT: 100.**
8. Tessari, A., **Borghi, A.M.** (2007). Body image and body schema: The shared representation of body image and the role of dynamic body schema in perspective and imitation. Commentary to the target-article 'Somatosensory processes subserving perception and action' by Dijkerman & de Haan. *Behavioral and Brain Sciences (BBS)*, 30, 2, 221-222. **IF 2007: 17.462, CIT: 1.**
7. **Borghi, A.M.**, Scorolli, C. (2006). Object concepts and mental images. *Anthropology & Philosophy, A&P*, 7, 1-2, 64-74. ISBN 978-88-548-4093-5. **(E-BOOK**
http://www.neotake.com/ebook/object-concepts-and-mental-images/demmdy.html)
6. Parisi, D., **Borghi, A.M.**, Di Ferdinando, A. & Tsiotas, G. (2005). Meaning and motor actions: Behavioral and Artificial Life evidence. Commentary to the target article 'From monkey-like action recognition to human language: An evolutionary framework for neurolinguistics' by Michael A. Arbib. *Behavioral and Brain Sciences (BBS)*, 28, 139-140. **IF 2005: 9.885, CIT: 2.**

5. **Borghi, A.M.**, Caramelli, N., Setti, A. (2005). Conceptual information on objects' locations. *Brain and Language*, 93, 140-151. **IF 2005: 2,129; CIT: 11.**
 4. **Borghi, A.M.**, Parisi, D., & Di Ferdinando, A. (2005). Action and hierarchical levels of categories: A connectionist perspective. *Cognitive Systems Research*, 6, 99-110. **CIT: 7.**
 3. **Borghi, A.M.** (2004). Object concepts and action: Extracting affordances from objects' parts. *Acta Psychologica*, 115, 1, 69-96. **IF 2004: 1.546, CIT: 67.**
 2. **Borghi, A.M.**, Glenberg, A., Kaschak, M. (2004). Putting words in perspective. *Memory and cognition*, 32, 863-873. **IF 2004: 1.409, CIT: 165.**
 1. **Borghi, A.M.** & Caramelli, N. (2003). Situation bounded conceptual organization in children: From action to spatial relations. *Cognitive Development*, 18, 40-60. **IF 2003: 1.136, CIT: 37.**
-

Part XVI-C Book chapters or papers on peer-reviewed proceedings in English = n. 36

36. Mazzuca, C., Villani, C., Lamarra, T., Bolognesi, M.M., & **Borghi, A.M.** (July, 2024). Abstract sentences elicit more uncertainty and curiosity than concrete sentences. *Proceedings of the 46th Annual Meeting of the Cognitive Science Society*, Rotterdam
35. Gervasi A.M., **Borghi A.M.**, Mannella F., Tummolini L. (2022). Spatial demonstratives and physical control. *Proceedings of the 46th Annual Meeting of the Cognitive Science Society*. Rotterdam, Netherlands.
34. Falcinelli, I., Fini, C., Mazzuca, C., & **Borghi, A.M.** (2024). The TECo Database: Insights on The Semantic Organization of The Ecological Domain. *Proceedings of the 46th Annual Meeting of the Cognitive Science Society*, Rotterdam.
33. De Livio, C., Mazzuca, C., & **Borghi, A.M.** (2024). Perceived Vocal Congruence Varies Across Gender Identities. In *Proceedings of the 46th Annual Meeting of the Cognitive Science Society*, Rotterdam.
32. **Borghi, A. M.**, Fini, C., & Mazzuca, C. (2023). Embodied, Embedded, Enacted Cognition. *The Sage Handbook of Cognitive and Systems Neuroscience: Cognitive Systems, Development and Applications*, 418-436. London: Sage.
31. **Borghi, A.M.** (2022). Merging affordances and abstract concepts. In Z. Djebbara (ed.). *Affordances in everyday life. A multidisciplinary collection of essays*. New York: Springer (pp.113-122). <https://doi.org/10.1007/978-3-031-08629-8>. **SCOPUS**
30. **Borghi, A.M.**, Fini, C., Tummolini, L. (2021). Abstract Concepts and Metacognition: Searching for Meaning in Self and Others. In: Robinson, M.D., Thomas, L.E. (eds) *Handbook of Embodied Psychology*. Springer, Cham. https://doi.org/10.1007/978-3-030-78471-3_9. **SCOPUS**
29. **Borghi, A.M.** (2020). Embodiment and language. In F.Gomez-Paloma (ed). *Embodiment and school*. (pp. 29-39). Pensa Multimedia. ISBN 978-88-6760-764-8

28. De Bortoli Vizioli, A., **Borghi, A.M.**, Tummolini, L. (2020). When me is mine: An embodied origin of psychological ownership? *42nd Annual Meeting of the Cognitive Science Society (CogSci 2020) - Developing a Mind: Learning in Humans, Animals, and Machines. paper 0587, 2473-79. ISBN:9781713818977*
27. Mazzuca, C., **Borghi, A.M.** (2019). Abstract concepts and the activation of mouth-hand effectors 1. In M.Bolognesi, G.J.Steen (eds.). *Perspectives on abstract concepts: Cognition, language and communication*. John Benjamins. ISBN 978 90 272 0318 2 HB, 978 90 272 6253 3 EB
26. Scerrati, E., Lugli, L., Nicoletti, R., **Borghi, A.M.** (2019). Is the Acoustic Modality Relevant for Abstract Concepts? A Study with the Extrinsic Simon Task. In M.Bolognesi, G.J.Steen (eds.). *Perspectives on abstract concepts: Cognition, language and communication* 65, 101. John Benjamins.
25. C. Roversi, L. Pasqui, **A.M. Borghi.** (2017). Institutional Mimesis: An Experimental Study on the Grounding of Legal Concepts. In J. Stelmach, B. Brozek (eds.) *Reason and Emotions in Law and Morality*. Poland: Copernicus Center Press.
24. Mazzuca, C., **Borghi, A.M.** (2016). An Embodied and Grounded View on Concepts and its Possible Implications for Education. In F. Gomez Paloma (ed.): *Embodied Cognition: Theories and Applications in Education Science*. Nova Science.
23. **Borghi, A.M.** (2016). An Embodied and Grounded perspective on concepts. In Bianca, M., Piccari, P. (eds.). *Epistemology of ordinary knowledge*. (pp. 181-194). Cambridge Scholar. ISBN (10): 1-4438-8052-3; ISBN (13): 978-1-4438-8052-7.
22. **Borghi, A.M.**, Caruana, F. (2015). Embodiment theories. In *International Encyclopedia of the Social and Behavioral Sciences*, 2nd. Edition, vol. 7 (editor James Wright), Section of Cognitive Neuroscience (editor Stefano Cappa). Oxford: Elsevier. (pp. 420-426). ISBN: 9780080970868. **SCOPUS**.
21. Flumini, A., Ranzini, M., **Borghi, A.M.** (2014). Sound-symbolic correspondences with figures of known entities. *Proceedings of the Cognitive Science Society*, 2210-2215.
20. **Borghi, A.M.** (2013). Embodied cognition and word acquisition: The challenge of abstract words In: Cornelia Müller, Alan Cienki, Ellen Fricke, Silva H. Ladewig, David McNeill & Jana Bressem (Eds.) *Body-Language-Communication: An International Handbook on Multimodality in Human Interaction*. Handbooks of Linguistics and Communication Science (HSK) 38/2 Berlin, Boston: De Gruyter: Mouton
19. Anelli, F., Nicoletti, R., Kalkan, S., Sahin, E., **Borghi, A.M.** (2012). Humans and robotics hands grasping danger. *Proceedings of the International Joint Conference on Neural Networks (IJCNN), WCCI 2012 IEEE World Congress on Computational Intelligence*, pp. 1613-1620, ISBN: 978-1-4673-1489-3. **SCOPUS**
18. **Borghi, A.M.** (2012). **Action language comprehension, affordances and goals.** Action language comprehension, affordances and goals. In Yan Coello, Angela Bartolo (Eds). *Language and action in cognitive neuroscience*. Contemporary topics in cognitive neuroscience series (pp. 125-143). Psychology Press. **ISBN: 978-1-84872-082-4.**

17. Gianelli, C., Lugli, L., Baroni, G., Nicoletti, R., **Borghi, A.M** (2011). "The object is wonderful or prickly": how different object properties modulate behavior in a joint context. In: Kokinov, B., Karmiloff-Smith, A., Nersessian, N. J. (eds.) *European Perspectives on Cognitive Science*. © New Bulgarian University Press, 2011 ISBN 978-954-535-660-5 (Eurocogsci, paper 269). Database: Google Scholar.
16. Ambrosini, E., Scorolli, C., **Borghi, A.M.**, Costantini, M. (2011). Experiencing objects. The role of the body. In: Kokinov, B., Karmiloff-Smith, A., Nersessian, N. J. (eds.) *European Perspectives on Cognitive Science*. © New Bulgarian University Press, 2011 ISBN 978-954-535-660-5 (Eurocogsci, paper 235, pp. 1-5) (**best student award**). Database: Google Scholar.
15. Pezzulo, G., Barca, L., Lamberti Bocconi, A., **Borghi, A.M.** (2010). Motor Simulation in a Memory Task: Evidence from Rock Climbing. In S. Ohlsson & R. Catrambone (Eds.), *Cognition in flux. Proceedings of the 32nd Annual Conference of the Cognitive Science Society* (pp. 266-271). Austin, TX: Cognitive Science Society.
14. Caligiore, D., Guglielmelli, E., **Borghi, A.M.**, Parisi, D., Baldassarre, G. (2010). A Reinforcement Learning Model of Reaching Integrating Kinematic and Dynamic Control in a Camera-Arm Robot. In *2010 IEEE 9th International Conference on Development and Learning, Proceedings of ICDL 2010*, art. no. 5578840 , pp. 211-218. Database: Scopus, Google Scholar.
- 13. Borghi, A.M.**, Caligiore, D., & Scorolli, C. (2010). Objects, words, and actions. Some reasons why embodied models are badly needed in cognitive psychology. In V. Capecchi, M. Buscema, P. Cantucci & B. D'Amore (eds.). *Applications of mathematics in models, artificial neural networks and arts. Mathematics and society*. Berlin: Springer. Database: ISI web of Science, Google Scholar.
12. Gaudiello, I., Caligiore, D., Schiavone, G., Salerno, A., Sergi, F., Zollo, L., Guglielminelli, E., Parisi, D., Baldassarre, G., Nicoletti, R., **Borghi, A. M.** (2009). Effects on space representation of using a tool and a button. *Cognitive Processing*. Special Issue ICSC, 2009, (pp. 153-154). Springer. Data base: ISI Web of Science.
- 11. Borghi, A.M.**, & Cimatti, F. (2009). Words as tools and the problem of abstract words meanings. In N. Taatgen & H. van Rijn (eds.). *Proceedings of the 31st Annual Conference of the Cognitive Science Society* (pp. 2304-2309). Amsterdam: Cognitive Science Society. **ISBN 978-0-9768318-5-3**. Database: Google Scholar.
10. Caligiore, D., **Borghi, A.M.**, Parisi, D., & Baldassarre, G. (2009). Affordances and compatibility effects: A neural-Network computational model. In J. Mayor, N. Ruh, K. Plunkett (Eds.). *Connectionist models of behaviour and cognition II*. PROGRESS IN NEURAL PROCESSING Volume: 18 Pages: 15-26 DOI: 10.1142/9789812834232_0002. Singapore: WorldScientific. Database: Google Scholar.
- 9. Borghi, A.**, Bonfiglioli, C., Ricciardelli, P., Rubichi, S., & Nicoletti, R. (2007). Do we access object manipulability while we categorize? Evidence from reaction times studies. In A.C. Schalley and Khlentzos, D. (Eds.). *Mental states: Evolution, function, nature* (pp. 153-170). Amsterdam/Philadelphia: John Benjamins. Harbound ISBN 978 90 272 3102 4, Ebook ISBN 978 90 272 9121 9. Data base: Psycinfo, Google Scholar.
8. Bazzarin, V., **Borghi, A.**, Tessari, A., Nicoletti, R. (2007). Is a small apple more like an apple or more like a cherry? In: S. Vosniadou & D. Kayser (eds.). *Proceedings of the European Cognitive*

Science Conference, Delphi 2007. Taylor & Francis. **ISBN 10:** 184169696X**ISBN 13:** 9781841696966. Data base: Google Scholar.

7. Borghi, A., Bonfiglioli, C., Lugli, L., Ricciardelli, P., Rubichi, S. Nicoletti, R. (2005). Visual hand primes and manipulable objects. In: B. Bara, L. Barsalou, B. Bucciarelli (eds.) *COGSCI2005. XXVII Annual Conference of the Cognitive Science Society*. Mahwah, N. J.:Lawrence Erlbaum Associates, Inc., 2005. p. 322-327. ISBN 0-9768318-1-3. Database: Google Scholar.

6. Tsiotas, G., **Borghi, A.** & Parisi, D. (2005). Objects and affordances: An Artificial Life simulation. In: B. Bara, L. Barsalou, B. Bucciarelli (eds.) *COGSCI2005. XXVII Annual Conference of the Cognitive Science Society*. Mahwah, N. J.:Lawrence Erlbaum Associates, Inc., 2005. p. 2212-2217. ISBN 0-9768318-1-3. Database: Google Scholar.

5. Borghi, A.M., Di Ferdinando, A. e Parisi, D. (2003). Violation of category boundaries: A connectionist study with action-based categories. In F. Schmalhofer, R.M. Young & F. Katz, *Proceedings of the Meeting of the European Society of Cognitive Science, Osnabrück 2003* (pp.61-66). London: Erlbaum. Database: Google Scholar.

4. Borghi, A.M. (2005). Object concepts and action. In D. Pecher & R.A. Zwaan (Eds). *Grounding Cognition: The role of perception and action in memory, language, and thinking* (pp. 8-34). Cambridge, UK: Cambridge University Press. ISBN-13 978-0-521-83464; ISBN-10 0-521-83464-3 (printed first as hardcopy, then also as ebook). Database: Google Scholar. **SCOPUS**

3. Borghi A., Di Ferdinando A., Parisi D. (2002). The role of perception and action in object categorization. In J.A. Bullinaria & W. Lowe (Eds), *Connectionist Models of Cognition and Perception*. Singapore: World Scientific, pp. 40-50. ISBN 981-238-037-x. Database: Google Scholar.

2. Di Ferdinando, A., **Borghi, A.M.**, Parisi, D. (2002). The role of action in object categorization. In S. Haller & G. Simmons (Eds.), *Proceedings of the 15th International Flairs Conference*, pp. 138-142, AAAI Press, Pensacola (FL). Database: Google Scholar.

1. Borghi, A. & Caramelli, N. (2001). Taxonomic relations and cognitive economy in conceptual organization. In Moore, J.D., & Stenning, K. (eds.), *Proceedings of 23rd Meeting of the Cognitive Science Society*, London: Erlbaum, 98-103.

Part XVI-D Papers in peer reviewed scientific journals in Italian (n. = 39)

39. **Borghi, A.M.**, De Livio, C., Mannella, F., Tummolini, L., Nolfi, S. (2023). Exploring the prospects and challenges of Large Language Models for language learning and production. *Sistemi intelligenti*, XXXV, 2, 367-382, agosto 2023.

38. **Borghi, A.M.** (2023). Le piante e gli esseri umani, tra rappresentazione e cognizione. *Giornale Italiano di Psicologia*, L, 2, 387-392.

37. **Borghi, A.M.** (2022). Domenico: Pensare chiaro, pensare forte. *Sistemi intelligenti*, XXXIV, 3, 551-578. DOI: 10.1422/105822.

36. Mirolli, M., **Borghi, A.M.**, Delogu, C., Lettieri, N., Nolfi, S. (2022). Editoriale (numero speciale Domenico Parisi: Uno scienziato indisciplinato). *Sistemi intelligenti*, XXXIV, 3, 449-454.

DOI: 10.1422/105812.

35. **Borghi, A.M.** (2022). Embodied e grounded cognition e oltre: Una rivoluzione all'inizio. Commento all'articolo target di Francesco Iani: Embodied Cognition: una rivoluzione a metà? *Giornale Italiano di Psicologia*, 2, 423-427. DOI: 10.1421/105152

34. Falcinelli, I., Fini, C., **Borghi, A.M.** (2021). Lavarsi le mani riduce il senso di colpa: Evidenze con un compito semantico implicito. *Giornale Italiano di Psicologia*, 1, 263-271. DOI: 10.1421/101241

33. **Borghi, A.M.** (2019). Linguistic relativity and abstract words. *Paradigmi, Rivista di critica filosofica*, 3, 429-448, doi: 10.30460/95137.

32. Villani, C., Lugli, L., Liuzza, M.T., **Borghi, A.M.** (2019). Le sotto-categorie dei concetti astratti: uno studio empirico. *Sistemi intelligenti*, 31 (2), 235-252. DOI: 10.1422/93572

31. **Borghi, A.M.** (2018). Il mondo del machine learning: Implicazioni per la cognizione embodied e grounded. *Giornale Italiano di Psicologia*, XLV, n. 1, 81-84.

30. Lugli, L., D'Ascenzo, S., Baroni, G., **Borghi, A.M.**, Nicoletti, R. (2017). La direzione del movimento del corpo si riflette sulle operazioni di calcolo numerico. *Giornale Italiano di Psicologia*, 2, 467-474, DOI: 10.1421/87350.

29. Mazzuca, C., Barca, L., **Borghi, A.M.** (2017). The Particularity of Emotional Words: A Grounded Approach. *Rivista Internazionale di Filosofia e Psicologia*, 8, 2, 124-133. Doi: 10.4453/rifp.2017/0010.

28. Cimatti, F., Flumini, A., Vittuari, M., **Borghi, A.M.** (2016). Odors, words and objects. *RIFL-Rivista Italiana di Filosofia del linguaggio*. 1: 78-91, DOI 10.4396/20160606.

27. **Borghi, A.M.**, Caramelli, N., Setti, A. (2016). How abstract is risk for workers? Expertise, context and introspection in abstract concepts. *Reti-Saperi-Linguaggi - Italian Journal of Cognitive Science*, 1/2016, 5 (9), 89-112, special issue "Mind and language in action"

26. **Borghi, A.M.**, Cimatti, F. (2015). WAT (Words As social Tools): una prospettiva socio-corporea sulla cognizione umana. *Sistemi intelligenti*, 27(2), 361-372.

25. Scorolli, C., **Borghi, A.M.**, Tummolini, L. (2015). Indici visivi e giudizi impliciti di proprietà: Uno studio sperimentale. *Sistemi intelligenti*, 1, 209-220, DOI: 10.1422/79695.

24. Paglieri, F., Scorolli, C., **Borghi, A.M.** (2013). Modelli evolucionistici e differenze religiose: Alcuni problemi. *Sistemi intelligenti*, 25, 2, 355-361.

23. **Borghi, A.M.**, Scorolli, C. (2012). Parole come strumenti che estendono il corpo. *Sistemi intelligenti*, 24, 1, 117-12620.

22. Liuzza, M.T., Cimatti, F., **Borghi, A.M.** (2012). Linguistic tools for embodied minds. *RIFL*, 6, 2, 43-58. doi: 104396/20120704.

21. **Borghi, A.M.**, Cimatti, F. (2012). Words are not just words: the social acquisition of abstract

words. RIFL - ISSN: 2036-6728. doi: . 10.4396/20120303.

20. **Borghi, A.M.**, Caruana, F. (2011). Cognizione sociale. Editoriale sul numero speciale La Cognizione Sociale, *Sistemi Intelligenti*, 23, 2, 219-222. Database: Google Scholar. **Issn 1120-9550.**

19. **Borghi, A.M.**, Gianelli, C., Lugli, L. (2011). La dimensione sociale delle affordance: Affordance tra io e altri. *Sistemi intelligenti*, 23, 2, 291-300, numero speciale La Cognizione sociale, a cura di A.M. Borghi & F. Caruana. Database: Google Scholar. **Issn 1120-9550.**

18. Lugli, L., Baroni, G., Gianelli, C., **Borghi, A.M.** (2011). L'importanza degli altri: Come il contesto relazionale influenza il sistema motorio. *Giornale Italiano di Psicologia*, 38, 703-710. Database: Google Scholar.

17. **Borghi, A.M.** (2010). Parole, non simboli. Commento a Paternoster. *Sistemi intelligenti*, 1, 161-168. Database: Google Scholar. **Issn 1120-9550.**

16. **Borghi, A.M.** (2009). Comprensione del linguaggio: movimento, azione, socialità. *Teorie e modelli*, XIV, 1, 67-77. Database: Google Scholar. **ISSN 0393-2834.**

15. **Borghi, A.M.**, Montanari, F., Sarti, A. (2008). Il corpo clandestino. *Sistemi intelligenti*, 2, 341-346. Database: Google Scholar. **Issn 1120-9550.**

14. **Borghi, A.M.**, Nicoletti, R. (2008). Se leggo cappello mi muovo verso l'alto Movimento e comprensione di parole e frasi. *Giornale Italiano di Psicologia*, 3, 563-588. Database: Psychinfo, Google Scholar.

13. Sacchetti, S., **Borghi, A.M.** (2007). Concetti di oggetti e funzione: Ruolo della funzione canonica e effetti di contesto. *Giornale Italiano di Psicologia*, 34, 781-788. Database: Psychinfo, Google Scholar.

12. **Borghi, A.M.** (2007). Object concepts and embodiment: Why sensorimotor and cognitive processes cannot be separated. *La nuova critica*, 49-50, 90-107. **ISSN 1824 9663.** Database: Google Scholar.

11. **Borghi, A.M.** (2006). Vita Artificiale e comportamento: Simulazioni su categorizzazione e azione. *Sistemi Intelligenti*, 18, 125-132. **Issn 1120-9550.**

10. Caramelli, N., **Borghi, A.M.**, Setti, A. (2006). The identification of definition strategies in children of different ages. *Linguistica Computazionale*, 26, 155-177. ISSN 0392-6907 - ISBN 978-88-8147-576-6.

9. Caramelli, N., **Borghi, A.M.**, Setti, A. (2006). The relational structure of conceptual knowledge in children of different ages. *Linguistica Computazionale*, 26, 179-196. ISSN 0392-6907 - ISBN 978-88-8147-576-6.

8. Borghi, A.M. & Iachini, T. (2003). Risposta a Cristiano Castelfranchi. *Teorie e modelli*, VIII, 2, 107-113. **ISSN 0393-2834**

7. **Borghi, A.** (2000). Le menzogne della mente. Recensione a Mente di Domenico Parisi. *Ricerca e Futuro*, 18, 107-108. **ISSN 1593-4985.**

6. Caramelli, N., Montanari, A., **Borghi, A.M.** (1998). La conoscenza extralinguistica nella comprensione delle metafore nei bambini. *Età evolutiva*, 59, 1, 108-114. Data base: Psychinfo, Google Scholar.
 5. Caramelli, N., **Borghi, A.** (1997b) L'organizzazione concettuale infantile: relazioni tematiche, tassonomiche e partonomiche. (Children's conceptual organization: The hierarchical structure of categories: perception vs. cognition). *Ricerche di psicologia*, III, 7-31. Data base: Psychinfo, Google Scholar.
 4. Caramelli, N., **Borghi, A. M.** (1997a). L'organizzazione concettuale infantile: La struttura gerarchica delle categorie tra percezione e conoscenza. (Children's conceptual organization: The role of thematic, taxonomic and partonomic relations). *Ricerche di Psicologia*, II, 21, 7-31. Data base: Psychinfo, Google Scholar.
 3. Caramelli, N., **Borghi, A. M.** (1995). La psicologia a Würzburg: il carattere teleonomico e selettivo del pensiero, *Axiomathes*, VI, 3, 349-374. Data base: Scopus, Google Scholar.
 2. Caramelli, N., **Borghi, A.** (1994a). Lo studio dei concetti e dei processi di categorizzazione: teorie e modelli recenti. *Giornale Italiano di Psicologia*, XXI, 1, 23-44. **Issn** 0390-5394
 1. Caramelli, N., **Borghi, A.** (1994b). Problemi teorici dello studio dei concetti e dei processi di categorizzazione. *Giornale Italiano di Psicologia*, XXI, 3, 339-366. **Issn** 0390-5394
-

Part XVI-E Book chapters in Italian (n. = 8)

8. **Borghi, A.M.** (2015). Il futuro è “embodied”. In G. Buccino e M. Mezzadri (eds.), *Glottodidattica e Neuroscienze* (pp. 31-49). Firenze: Cesati.
7. **Borghi, A.M.**, Nicoletti, R. (2012). Movimento e azione. In Cubelli R. e Job. R. (Eds.) *Psicologia dei processi cognitivi*. Roma: Carocci (pp. 121-144). isbn 978-88-430-6160-0
6. Baroni, G., Pellicano, A., **Borghi, A.M.**, Rumati, R., e Nicoletti, R., (2012). Le nostre reazioni di fronte ai guadagni e alle perdite. In: G. Belleli e R. Di Schiena (a cura di) *Decisioni ed emozioni: Come la psicologia spiega il conflitto tra ragione e sentimento*. (pp. 64-84) Bologna, Il Mulino. ISBN 9788815234544
5. **Borghi, A.M** (2002). Violazioni logiche nei processi di categorizzazione e nelle generalizzazioni induttive basate su categorie. In G. Mucciarelli & G. Celani (Eds.). *Quando il pensiero sbaglia. La fallacia tra psicologia e scienza*. Torino: UTET, pp. 120-156. Data base: Google Scholar. ISBN: 8877507640 ISBN 13: 9788877507648
4. **Borghi, A.M.** (2002). Concetti e azione. In Borghi, A.M. & Iachini, T. (eds.). *Scienze della mente*. Bologna: Il Mulino, pp. 203-222.
3. **Borghi, A.M.**, Iachini, T. (2002). Introduzione. In Borghi, A.M. & Iachini, T. (eds.). *Scienze della mente*. Bologna: Il Mulino, pp. 7-26.
2. Caramelli, N., **Borghi, A.M.** (2002). Sviluppi contemporanei. Immagini mentali. Concetti e categorizzazione. In Schönplflug W. e Schönplflug U. (a cura di), *Istituzioni di psicologia generale*,

III Italian edition edited by M. Olivetti Belardinelli e C. Fiorilli. Padova: Cedam, pp. 237-252.
ISBN: 8813226667 ISBN 13: 9788813226664

1. Caramelli, N., **Borghi, A.M.**, Raffaelli, K. (1998) Come la descrizione linguistica di una storia cambia con l'età. In W. Battacchi, M. Bosinelli, P.E. Ricci Bitti, G. Trombini (eds.), *Le ragioni della psicologia - Saggio in onore di Renzo Canestrari*. Milano: Angeli, 348-359. ISBN: 9788846407931

Conference Presentations

Part XVI-F Invited speaker/discussant

- 1999, Discussant, First International Colloquium "Philosophy, Mind, and Society" on Categories and Belief, Turin, organized by the Laboratorio di Scienze Cognitive, Metodologiche ed Economico-Sociali (LASCOMES), Fondazione Rosselli
- 2003. Borghi, A.M. Concetti e azione: tra dati sperimentali e simulazioni connessioniste. Università della Calabria, Cosenza.
- 2005. Borghi, A.M. Azione e conoscenza concettuale. Dipartimento di Fisiologia, Università di Parma.
- 2005. Borghi, A.M. Object concept nouns and motor information. Amsterdam, July 6-9, 2005. Fifteenth Annual Meeting of the Society for Text and Discourse, **Symposium Perception and Action in Language Processing, Organizers: Rolf Zwaan, Katja Wiermer-Hastings.**
- 2005. Borghi, A.M. Concetti di oggetti e sistema motorio. Ospedale Maggiore, Dipartimento di Scienze Chirurgiche Specialistiche Biomateriali e Bioimpianti, **Università di Trieste.**
- 2006. Borghi, A.M. Oggetti, affordances, azione. Dipartimento di Psicologia, Università di Milano Bicocca.
- 2006. Borghi, A.M. Manipulable objects, words and action. Symposium Embodied Simulation, Kloster Irsee, 9-12 February 2006.
- 2006. Borghi, A.M. Concepts, words, and action. **University of Modena and Reggio Emilia**, April 26.
- 2006. Borghi, A.M. Concetti, parole e azione. **Workshop Linguaggio e scienze cognitive, University of Trieste**, Department of Psychology, May 18-19.2006.
- 2006. Borghi, A.M. Concetti, azione, imitazione, apprendimento motorio, **Master Le basi neurocognitive della riabilitazione motoria, Università di Trieste.** September 17, 2006.
- 2006. Borghi, A.M. Concettualizzazione, linguaggio e azione. IV Convegno nazionale di Neuroriabilitazione, **Azione, empatia ed imitazione nell'itinerario riabilitativo. Napoli, Centro Studi e Ricerca in Riabilitazione.** October 28, 2006.
- 2007. Borghi, A.M. Objects, words and action. Invited talk at the **CNRs Laboratoire de Psychologie et Neurocognition (CNRS UMR 5105), Université Pierre Mendes, Grenoble, France.**
- 2007. Borghi, A.M. Does experimental psychology require embodied models? or Why embodied models are badly needed in cognitive psychology. Invited talk within the 2 days workshop **From observations and experiments to modeling styles, Institute of Science and Technologies of Cognition, Rome, October 11-12, 2007.**
- 2007. Borghi, A.M., Riggio, L. Sentence comprehension and affordances. Trieste, the XV Kanizsa Lecture & Trieste Symposium on Perception and Cognition. November 22-23. See also Coackroaches to culture: current controversies in cognition, November 24-25,

Trieste (poster by Claudia Scorolli).

- 2008. Borghi, A.M. Cognizione embodied e simulazione motoria: Studi sul linguaggio. Tavola rotonda: IMMAGINI DELLE STRUTTURE, IMMAGINI DELLE FUNZIONI? NEUROSCIENZE TEORICHE E APPLICATE. June 5-6, Noto, CODISCO (see website)
- 2008. Borghi, A.M. Visuomotor priming and compatibility effects. **Cognitive Neuroscience Conference** (see website). **School of Psychology, Birmingham**. June 26-27.
- 2008. **Rome**, September 16-17. Tavola quadrata su: **Scienze cognitive, neuroscienze, e ISTC**. Partecipano: Salvatore Aglioti, Anna Borghi, Patrizio Pasqualetti, Giuseppe Vallar, Pierluigi Zoccolotti.
- 2008. **Rome**, September 22-24. iTALK (Integration and Transfer of Action and Language Knowledge) **Roadmap Meeting Workshop**. (program: pdf)
- 2009. **Lille**, France, January 28-31. **Motor representation and language of space**. European Science Foundation. Organizers: Angela Bartolo, Yann Coello.
- 2009. **Ancona**, May 23. Allenare il cervello. Il contributi delle recenti scoperte delle neuroscienze per l'apprendimento motorio-sportivo. CONI.
- 2009. **Reggio Emilia**, May 25. Perspectives on Embodied and grounded cognition. Giornata su Danza, neuroscienze, transmedialità. (program: pdf)
- 2009. **Atlanta**, Georgia, USA, September 28-30. Neural correlates of object recognition and action. Title: Sensorimotor transformations: implications for objects and affordances.
- 2009. **Philadelphia**, PA, October 1. Talk at the University of Pennsylvania, NCRRN. 3400 Spruce Street, 3 West Gates Bldg, Neurology Conference Room. Title: Seeing hands, seeing objects, seeing words.
- 2010. **Plymouth**, UK, January 13. Talk at the University of Plymouth. Title: Acting with objects, interacting with others.
- 2010. **Zurich**, CogSys, January 27. Talk at the Cognitive Systems Conference. Title: Stable and variable affordances. A contribution of the ROSSI project.
- 2010. **Nijmegen**. Discussant, Workshop The Embodied Mind: Perspectives and Limitations. Radboud University Nijmegen, October 27-28, 2010.
- 2010. **Nijmegen**. Talk at Donders Institute, Spinozageboud: Affordances, automaticity and embodied cognition. November, 2, 2010.
- 2010. **Milano**, talk at University of Milano, Department of Philosophy (seminars organized by C.Sinigaglia). Mani, oggetti e parole. December 17, 2010.
- 2011. **Cremona**, workshop: **Che cos'e' un soggetto, Ontologie della soggettività tra comune e singolare** (talks: Anna Borghi, Massimo De Carolis, Vittorio Gallese, Paolo Virno). Organized by singolarecomune, February 19, 2011.
- 2011. **Wien**. Talk: Embodied cognition and language comprehension: Motor chains and social aspects. within the Workshop **The mirror neuron system and embodiment: Implications for Psychotic Disorders**. Other speakers: Ferdinand Binkofski, Giovanni Buccino, Anna Borghi, Tilo Kircher. 19th European Congress of Psychiatry – EPA 2011. March 12-15, 2011.
- 2011. **Montreal**. Talk Comprehending words, comprehending actions within the **Symposium Embodied Language Processes: From Words to Stories** (speakers: 1. Learning Words and Actions in an Embodied System Erin R. Hahn, Lisa Gershkoff-Stowe, 2. Basic Emotions and Early-Learned English Verbs Josita Maouene, 3. Comprehending Words, Comprehending Actions Anna M. Borghi, 4. Preschoolers Simulate a Character's Movements During Story Comprehension Agnieszka M. Polanowski Fecica, Daniela O'Neill). 2011 Society for Research in Child Development SRCD Biennial Meeting, Montreal, Canada, April 1, 2011.
- 2011. **Aachen**, April 7. Invited talk: **Words, affordances, actions**. Colloquium on

Disorders of Communication and Cognition, **Universitätsklinikum der RWTH Aachen.**

- 2011. **Aachen**, April 8-9, 2011. Invited talk **Affordances, tools, and words as tools** at the symposium **Embodied mind. Motion on communication and cognition research**, RWTH Aachen University. pdf of the program.
- 2011. **Cefalù, Sicily**, April 19. Invited talk at the **international workshop on Vision, Action and Language Embodiment**. pdf of the program.
- 2012. **Kaliningrad, Russia**, June 18-24, THE FIFTH INTERNATIONAL CONFERENCE ON COGNITIVE SCIENCE. Claudia Scorolli, Anna Borghi: Words as tools. An extended view. Kinematics evidence. Symposium **Neurocognitive Mechanisms of Human Linguistic Behavior**.
- 2013. Potsdam, Germany, ESLP, Embodied and Situated Language Processing, invited talk: Abstract concepts and words. The role of social acquisition. Potsdam, Germany, July 29-31.
- 2013. Cambridge, UK, September 2-4. Embodied language II. Invited talk: Language, affordances and the bodily space.
- 2013. University of Arezzo, October 7-9. Conference Epistemologia della conoscenza ordinaria. Percezioni, rappresentazioni, concetti, linguaggi, inferenze, ontologie e senso comune. Invited talk: Objects, words, abstract words: An embodied and grounded approach.
- 2013. Roma, ISTC-CNR. October 9-10. Workshop Language and Cognition in Embodied Agents. Invited talk: Words as tools. Language, affordances and the bodily boundaries.
- 2013. Napoli, November 21. AISC. Simposio Scegliere il futuro: Prospettive interdisciplinari. Speakers: Petrillo, Bellagamba, Borghi, Paglieri.
- 2014. Parma, April 28. Tra neuroscienze e glottodidattica: ponti in costruzione. Organizers: Giovanni Buccino, Marco Mezzadri. Speakers: Anna Borghi, Giovanni Buccino, Paola Marangolo, Gabriella Vigliocco.
- 2014. Rome, December 3. AISC-CODISCO conference. Keynote talk: Truth, freedom and phantasy are difficult to explain: a proposal on abstract concepts and words
- 2015- Rome, May 15. CLASTA conference. Invited presentation to the talk of Corrado Sinigaglia.
- 2015. Berlin, Institute of Mind and Brain, Humboldt University, October 23-24. Conference "Impure perception", organized by Jesse Prinz and by the Einstein group. Invited talk: Motor and linguistic contaminations of perception: From object affordances to abstract concepts. Further invited speakers: Dustin Stokes; Bence Nanay; Panos Athanasopoulos, Sally Linkenauer, Jesse Prinz.
- 2016. Berlin, Institute of Mind and Brain, Humboldt University, May 1-2. 4th Einstein Group Workshop. Invited talk: Words as social tools: mouth activation with abstract concepts <http://www.einsteinmindbrain.de/>
- 2016. Rome, Modelact conference, June 6-7. Invited talk: From affordances to abstractness: An embodied and grounded perspective on language. Modelact conference
- 2016. Rome, Deleuze Camp, 4-8 July. July 6. Invited talk: Embodied and grounded cognition. With Felice Cimatti.
- 2017. Wien, March 23-25. International Convention of Psychological Science (ICPS). Invited talk (symposium **Novel approaches to numerical cognition**): Counting and movement.
- 2017. Firenze, March 28. Invited talk: Parole e azione. Department of Letter and Philosophy (prof. Silvano Zipoli-Caianì).
- 2017. Padua, May 19. Invited talk: at the conference [Mind, Brain, and Body. A Neuroethical Perspective – Padua – May 17th-19th, 2017.](#)
- 2017. Potsdam, ESCOP conference, September 3-6. Invited talk at the symposium

Symbolic or Grounded? Abstract meaning in the human mind and brain. Organized by F. Pulvermuller (participants: M. Arbib, A. Borghi, G.Dove, A.Glenberg, F. Pulvermueller, G. Vigliocco)

- 2017. Berlin School of Mind and Brain, September 7. Workshop and Panel discussion. **Neurocognitive Mechanisms for Abstract Concepts**. Organizers: M.Fischer, F.Pulvermueller, M. Pauen. Participants: F.Pulvermueller, G.Dove, A.Borghi, C.Gianelli, L.Grisoni, M.Arbib, A.Glenberg.
- 2017. Bari, Aip Sperimentale, September 21. Talk Concetti astratti, linguaggio e socialità within the symposium "Concetti astratti: diversi tipi, molteplici rappresentazioni" Participants: Anna Borghi, Sara Dellantonio & Remo Job, Marta Ghio & Marco Tettamanti, Luca Tummolini. AIP Sperimentale, Bari, September 20-22, 2017.
- 2017. Torino, October 12-13.. Conference Neural mechanisms - Among philosophy and neuroscience. Invited talk (together with C.Becchio, A.Paternoster, A.Plebe, C.Sinigaglia).
- 2017. Firenze, October 21. Atletica del cuore 2. Invited talk: The relationship between cognition and body.
- 2017. Roma, November 19-20, AIDEE conference Neuroscienze, sviluppo, disprassia. Invited talk: Affordance tra percezione, azione e cognizione (Affordances among perception, action, and cognition).
- 2017. Palermo, November 24-25. SINP (società italiana di neuropsicologia) conference. Invited talk in a symposium Il ruolo del linguaggio nella categorizzazione: il caso dei concetti astratti. (The role of language in conceptualization: the case of abstract concepts.) (organizer:G.D. Zannino, participants G.D.Zannino, C.Silveri, A.Borghi, M.Marelli)
- 2018, Venice, November 23. Invited talk: Abstract concepts, language, languages (on abstract concepts and language diversity). Seminar organized by F.Batisti, L.Perissinotto.
- 2019. SFL. XXV Congresso della Società di Filosofia del linguaggio. Cagliari January 23-25. Invited talk, with Felice Cimatti: Emozioni tra corporeità e astrattezza.
- 2019, June 11, OHBM (Human Brain Mapping), symposium Specialised Functional Networks in Social Behavior: Life trajectories, sex differences, diversity organized by Danilo Bzdok and Tim Poepl. Fini, Borghi: Sociality: from affordances to abstract concepts. Other participants: Giorgia Silani, Frank Van Overwalle, Tim Poepl.
- 2019, July 8-9. Invited talk (keynote): Abstract concepts and action. Conference Deictic Communication, organized by K.Coventry, July 8-9, University of East Anglia, Norwich (other keynote speaker: Ronald Langacker)
- 2019, September 25-29. ESCOP conference, Tenerife. Invited talk: Embodied cognition and abstract concepts, Symposium The future of embodied cognition, organized by M.Ostarek, F.Huetting (Other participants: Gabriella Vigliocco, Rolf Zwaan, Pia Knoeferle, Falk Huetting, Markus Ostarek).
- 2019, October 9. CEU, Central European University, Budapest. Invited talk (group prof. Knoblich & Sebanz): Grounding abstractness (and the case of ownership).
- 2019, October 10. University of Salerno, Fisciano. Talk "Embodiment e linguaggio". Keynote speaker at the conference Embodiment e scuola. Other keynote speakers: Dor Abrahamson, Arthur Glenberg, Pier Cesare Rivoltella).
- 2020, October 22. University of Moscow, Talk "Abstract concepts and sociality". Conference Systems organization of individual and collective cognition. Organized by prof. Alexandrov, Poppel, Sams, Ushakov.
- 2020, November 12. University of Messina: invited talk: Il cervello in azione, I concetti astratti. Organizers (Pietro Perconti, Valentina Cuccio, Alessandra Fasano).
- 2021, September 8. AIP sperimentale, Lecce, invited talk in a symposium (organizer: Laura Barca). Logical amore, gatti e martelli: esperienza sensorimotoria ed interocettiva

nella rappresentazione dei concetti.

- 2021, September, ESLP (Embodied and Situated Language Processing), Invited talk: Abstract concepts in interaction. Organizer (Claudia Gianelli).
- 2021, September 20. University of California, Merced, Invited talk: Grounding abstract concepts: The role of bodily, linguistic, and social experience. Organizer: Mike Spivey.
- 2021, October. Conference CReditions – An interdisciplinary challenge, Hannover, 2021. Talk: Abstractness and language.
- 2021, November 30, 2021. Talk in the framework of the meetings of the EU project Recognize, “Concepts for which we need the others more: The case of abstract concepts”.
- 2021, December 14, Noto, Sicily. Conference AISC, talk “The role of social and linguistic experience in grounding abstract words” in the symposium Varieties of symbol grounding for humans and machines organized by Ando Gangemi and Luca Tummolini.
- 2022, April 27. Lucca. Invited talk “Abstraction and abstractness: interaction with oneself and with others” within the IMT-CNR con joint session. “Semantic representation, abstractness and abstraction”.
- 2022, May 10. Bochum University, DE. Invited talk “Abstract concepts and inner speech”.
- 2022, May 23, Sapienza University of Rome. Introductory talk to the workshop: Experimental design for the study of abstract concepts in interaction”.
- 2022, May 27, Roma Tre University. Seminario *Il concetto di "rappresentazione" tra filosofia, scienze cognitive e psicologia*. Talk: “Rappresentazione tra concetti e parole” (organized by Guido Baggio, con Gabriele Ferretti, Marta Carava, Marco Viola).
- 2022, May 27. University of Tübingen, DE. Invited talk: “Abstract concepts between modal and amodal cognition”.
- 2022, June 14. Italian Institute of Technology (IIT) Genoa (prof. A. Wykowska) Invited talk, “Affordances, context, and flexibility”.
- 2022, July 14-15. University of Venice, Cà Foscari. Invited talk: “Language, languages, and abstract concepts”. International conference Language, languages, and Post-Cognitivism (LLPC) organized by Filippo Batisti, Luigi Perissinotto, Alberto Vittone.
- 2022, September 1. ESCOP conference, Lille. Invited talk in the symposium “Bodily and interoceptive dynamics” (organized by Laura Barca, with Laura Crucianelli, Giusi Porciello): “Interoception and bodily interaction in abstract concepts”.
- 2022, September 8, invited talk by the research group of prof. Annalisa Setti and Jason Chan, University College Cork, Ireland (CCC) (Erasmus exchange)
- 2022, October 14. Learning more festival 2022, Modena, <https://learningmorefestival.it/>, festival della formazione e dell'apprendimento. Invited talk: Imparare con il corpo: dagli oggetti ai concetti astratti. <https://learningmorefestival.it/eventi/imparare-con-il-corpo-dagli-oggetti-ai-concetti-astratti/>
- 2023, Rome, May 8. Conference AGING AT WORK: Diversity and Work Ability in the Technology and Big Data Era. Invited talk: Concepts and aging in the technology era.
- 2023, Roma, May 19. Roundtable on the future of intelligent machines, dedicated to Domenico Parisi. With Gianluca Baldassarre, Cristina Delogu, Rino Falcone, Marco Mirolli, Stefano Nolfi, Dimitri Ognibene, Vieri Santucci,
- 2023, University of Barcelona, May 26. Invited talk (Inner speech colloquium, organized by Daniel Gregory, Logos Group, and Marta Jorba: Inner speech and abstract concepts). <https://www.upf.edu/web/inact/activities>
- 2023, University of Sofia, May 30. Invited talk: Abstract concepts and social interaction.
- 2023, Sapienza University of Rome, June 15. COSAN Lab, prof. Aglioti. Invited talk: Abstract concepts and social interaction.

- 2023, September 18, AIP sperimentale, Lucca. Invited talk at the symposium organized by Laura Barca “Effetti della pandemia sui processi cognitivi, decisionali ed affettivi della popolazione italiana”, talk “The new concept of Covid-19 - A sign of conceptual flexibility”
- 2023, Genoa. 7th International Symposium on Figurative Thought and Language (FTL7) - Keynote speaker: Language and embodied and grounded cognition: Problems and challenges.
- 2023, September 29-30. Embodied and Situated Language Processing (ESLP), Messina, Italy - Keynote speaker: Concepts, social interaction and knowledge outsourcing (other keynotes: Claudia Gianelli, Augustin Ibanez, Penny Pexman, Friedemann Pulvermüller).
- 2023, October 18. Invited talk at the University of Siena, Department of Social, Political and Cognitive Sciences (invitant prof. Giacomo Romano): “Inner speech and abstract concepts”
- 2023, November 15. Invited talk at the University of Venice,: “La libertà delle parole: concetti astratti e linguaggio”
- 2023, December 5. Invited talk at the conference Meditazione, Antropologia e Cognizione, Museo Civico di Zoologia, Rome, December 4-5, organized by Emiliano Bruner; talk: “Embodied and grounded cognition: Limitations and challenges”
- 2023, December 6. Invited talk at the conference Neuro-inspired AI and Developmental Robotics at Cergy/Paris, conference NeuroDevRob2023, organized by Alexandre Pitti; talk: “Concepts, abstractness, and social interaction”
- 2024, April 10. Invited talk at the conference “Conoscere lo Stato di diritto: Una ricerca interdisciplinare tra Filosofia del diritto e Psicologia cognitiva”, University of Bologna, Centro Alma-Human AI, Conference organized by Corrado Roversi and the PRIN project “Conoscere lo Stato di diritto”
 - 2024, May 23. Kazimierz-Dolny, Poland. Invited talk at the workshop: Traincrease closing conference. Title: Traincrease and the Body, Action, and Language Lab (BALLab).
 - 2024, June 14 - Invited talk at IUSS, Pavia. Title: Abstract concepts, uncertainty, and social interaction.
 - 2024, July 27, COGSCI 2024, Rotterdam, NL - Invited talk in a symposium The fundamental flexibility of abstract words. Organized by Joanna Rączaszek-Leonardi; other speakers: Nick Chater, Dedre Gentner, Luca Tummolini.
 - 2024, August 2, World Congress of Philosophy, Rome. Invited talk in a symposium “Perception, action and cognition at the interface” organized by Zipoli Ferretti, with Gabriele Ferretti and Albert Newen.
 - 2024, September 18, Rome, AISC, 20th Annual Conference of the Italian Association for Cognitive Sciences. Invited talk in the symposium Emotions, sociality and cognition, organized by L. Barca (other participants: Laura Barca, Vanessa Era, Marco Tullio Liuzza), “Abstract concepts’ vagueness: uncertainty and social interaction.”
 - 2024, October 11, Rome, Sapienza University of Rome. Invited talk at the conference: Artificial Intelligence and free will (Intelligenza artificiale and free will); title “Large Language Models between body and language.”
 - 2025, February 25. Introduction at the Conference Gender and ecological concepts: (Un)consciousness, cognition, and politics. Title: Anna Borghi: Abstract, concrete, hybrid: Gender and ecological concepts.
 - 2025, February 27. Invited talk at Neurospritz, Rome. Anna Borghi, Il cervello in azione. <https://neurospritz.wixsite.com/neurospritz>.
 - 2025, April 3, University of Bologna. Invited talk at Conversational Dynamics: How

abstraction and abstractness ebb and flow in interaction (organized by Caterina Villani and Marianna Bolognesi; other speakers: Mark Dingemanse, Riccardo Fusaroli, Caterina Mauri, Caterina Villani, Bodo Winter).

- 2025, April 8, Sapienza, Teatro di Ateneo. Invited talk “Le parole concrete della vecchiaia: Gli anziani e il linguaggio.” Convegno THE AGE OF ROCK: INVECCHIAMENTO ATTIVO, AGEISMI E LOTTA AL PREGIUDIZIO. Project age.it.

Part XVI-G Conference abstracts

220. Falcinelli, I., Fini, C., Mazzuca, C., Borghi, A.M. (2024). What does “Internet” mean to us as we age? A pluri-tasks investigation on the conceptualization of technological concepts across generations. AMLap 2024, Edinburgh, September 4-8, 2024.

219. Fini C., Era V., Cuomo G., Falcinelli I., Mello M., Borghi A.M. (2024). Online vocal exchanges about abstract concepts foster automatic imitation between young conversational partners. EWIC, the 18th European Workshop on Imagery and Cognition. 13-15 June, Naples, Italy.

218. Gervasi A.M., Mazzuca C., Borghi A.M.*, Brozzoli C.* (2024). The role of new verbal labels and inner speech in the acquisition and execution of novel actions. *European Society for Cognitive and Affective Neuroscience 2024. Ghent, Belgium.*

217. Fini C., Falcinelli I., Mazzuca C., Borghi A.M., Lucidi F. (2024). What does “Internet” mean to us as we age? A pluri-tasks investigation on the conceptualization of the technological domain across generations Convegno *Age.it*, 20-22 May, Venezia, Italy.

216. Gervasi A.M., Mazzuca C., Borghi A.M.*, Brozzoli C.* (2024). The contribution of language to the acquisition and execution of novel actions. *Behavioral Neuroscience Conference 2024. Rome, Italy.*

215. De Livio C., Mazzuca C., Mirabella M., Di Giannantonio B., Baiocco R., Lingardi V., Giovanardi G., Borghi A. M. (2023). Investigating Conceptual Representation of Gender Identity in the Italian Language: A Mixed Methodology Study. *Embodied and Situated Language Processing 2023.*

214. Gervasi A.M., Mazzuca C., Borghi A.M.*, Brozzoli C.* (2023). Addressing the role of new verbal labels associated with novel actions: a behavioral study. *Embodied and Situated Language Processing 2023. Messina, Italy.*

212. Gervasi A.M., Mazzuca C., Borghi A.M.*, Brozzoli C.* (2023). Investigating the association of new verbal labels with novel actions, a behavioral study. *Society for the Neurobiology of Language 2023. Marseille, France.*

211. Fini C., Tummolini L., A.M. Borghi "Contextual modulation of preferred social distance during the Covid-19 pandemic", Seminar: Tre anni di RID. Cosa ci ha insegnato la ricerca in dialogo. Università di Roma “La Sapienza”, 10 June, 2023, Rome, Italy.

210. Mazzuca, C., Mirabella, M., De Livio, C., Di Giannantonio, B., Rosati, F., Pistella, J., Baiocco, R., Lingardi, V., Borghi, A.M., & Giovanardi, G. (December, 2023). The role of language in non-binary identity construction: gender words matter. Seminar: Tre anni di RID. Cosa ci ha insegnato la ricerca in dialogo. Università di Roma “La Sapienza”, 10 June, 2023, Rome, Italy.

209. Mazzuca, C., Arcovito, M., & Borghi, A. M. (December, 2023). Is water H₂O? Differences and similarities in the conceptualization of water across chemists and non-chemists. 19th Annual Conference of the Italian Association of Cognitive Sciences (AISC), Università di Genova. 207.
208. De Livio C., Mazzuca C., Mirabella M., Di Giannantonio B., Baiocco R., Lingiardi V., Giovanardi G., Borghi A. M. (2023). Navigating the Interplay between Language Development and the Conceptual Representation of Gender Identity in the Italian Language: A Mixed Methodology Study. *Protolang* 8
207. Falcinelli, I., Fini, C., Mazzuca, C., & Borghi, A. (2023). Insights sull'organizzazione semantica del dominio ecologico: evidenze tramite un compito di valutazione. Tre anni di RID: cosa ci ha insegnato la ricerca in dialogo?
206. De Livio C., Mazzuca C., Fini C., Borghi A. M. (2023). Gender-diverse experiences at the interface between exteroception and interoception. An investigation on voice perception. 23rd Conference of the European Society for Cognitive Psychology.
205. Rossi V., De Livio C., Borghi A. M., Barca L. Pacifier Overuse and Processing of Abstract, Concrete and Metaphoric Sentences. *Cognitive Science Arena* 2023.
204. XXX AIP, Padova, September 2022. Mazzoni, S., Borghi, A.M., Bellagamba, F., Gennaro, A., Mazzoni, G., Paoletti, M. Acquisition and use of abstract concepts in the context of family interaction.
203. XXX AIP, Padova, September 2022. Fini, C., Falcinelli, I., Cuomo, G., Era, V., Candidi, M., Tummolini, L., Borghi, A.M. Is it easier to prompt a conversation with abstract than with concrete words?
202. Gervasi A.M., Borghi A.M., Mannella F., Tummolini L. (2022). Controllability and demonstrative choice: an experiment on the semantics of this and that. *18th Annual Conference of the Italian Association of Cognitive Sciences. Rovereto-Trento, Italy.*
201. XXX AIP, Padova, September 2022. Falcinelli, I., Mazzuca, C., Fini, C., Lamarra, T., Borghi, A.M. (2022). L'organizzazione nello spazio semantico dei concetti ecologici.
201. Falcinelli, I., Mazzuca, C., Fini, C., Lamarra, T., Borghi, A.M. (2022). "Emotions in the green": An analysis on the characterization of ecological concepts. AISC Midterm conference, June 6, Parma.
200. September. AIP Sperimentale 2021, Laura Rio, Luisa Lugli, Mariagrazia Benassi, Roberto Nicoletti, Anna M. Borghi. Gli adulti ci vedono una bottiglia, i bambini anche una maraca: uno studio sull'interazione con oggetti familiari e meno familiari.
199. September. AIP Sperimentale 2021, Lecce. Villani, C., Orsoni, M., Lugli, L., A.H., Benassi, M., Borghi, A.M. Conversazioni astratte e concrete: quali differenze?
198. September. AIP Sperimentale 2021, Lecce. Mazzuca, C., Falcinelli, I., Michalland, A.H., Tummolini, L., Borghi, A.M. Bodily, emotional, and public sphere at the time of COVID-19. An investigation on concrete and abstract concepts
196. Rio L., Lugli, L., Benassi, M., Nicoletti, R., Borghi, A.M. (2020). Database Italiano di Stimoli Familiari e Nuovi (FANS): 30 oggetti di uso quotidiano classificati secondo la familiarità e la frequenza d'uso dall'infanzia all'età adulta. XXVI Congresso AIP Sezione Sperimentale -

2-4 Settembre 2020

195. Villani, C., D'Ascenzo, S., Borghi, A.M., Roversi, C., Benassi, M., Lugli, L. (2020). Un'indagine sui concetti istituzionali. Il ruolo delle esperienze individuali nella rappresentazione concettuale. XXVI Congresso AIP Sezione Sperimentale - 2-4 Settembre 2020
194. De Bortoli-Vizioli, A., Borghi, A.M., Tummolini, L. (2020). When me is mine: An embodied origin of psychological ownership? COGSCI conference.
193. Barca, L., Borghi, A.M. (2019). The linguistic and social sides of pacifier use in infancy. Talk presented at the ESCOP conference, Tenerife, September 25-29 2019.
192. Scorolli, C., Pesciarelli, F., Borghi, A.M., Colzato, L., Hommel, B., & Cacciari, C. (2019). Religious practice and anxious response to error: A comparison between Catholics and Seculars. Poster presented at the ESCOP conference, Tenerife, September 25-29 2019.
191. Rio, L., Lugli, L., Nicoletti, R., Borghi, A.M. (2019). The Italian Known and Unknown Everyday Objects Database. Poster presented at Donders Discussions 2019.189.
190. Villani, C., Lugli, L., Liuzza, M.T., Nicoletti, R., Borghi, A.M. (2019). Esperienze sensorimotorie, linguistiche e interocettive durante l'elaborazione di concetti concreti e astratti. Presentation at the XXV Congresso AIP Sezione Sperimentale, Milano-San Raffaele, September 18-20.
189. Mazzuca, C., Borghi, A.M., Lugli, L., Nicoletti, R., Majid, A. (2019). Gender is a flexible concept. A comparison of Italian and Dutch. Eurocogsci, 2-4 September 2019.
188. Rio, L., Lugli, L., Nicoletti, R., Borghi, A.M. (2019). Children are less bounded to functional fixedness than adults in interacting with objects. Poster presented at CAOS, Rovereto Workshop on Concepts, Actions, and Objects: Functional and Neural Perspectives, May 2-4, 2019.
187. Fini, C., Zannino G.D., Benassi M., Carlesimo A., Borghi A.M. (2019). Articulatory suppression delays processing of abstract concepts: the role of inner speech. Poster presented in Paris, ICPS (International Convention of Psychological Science), 7-9 March 2019.
186. Barca L., Mazzuca C., Borghi A.M. (2019). Sensorimotor Contribution to Language Processing. Overusing the Pacifier during Infancy Set a Footprint on Abstract Words Processing. Poster presented in Paris, ICPS (International Convention of Psychological Science), 7-9 March 2019.
185. De Bortoli Vizioli A., Borghi A.M., Tummolini L. (2018). The extended bodily self and the incorporation of personal property. 15th Conference of the Italian Association for Cognitive Sciences
184. Mazzuca, C., Lugli, L., Majid, A., Nicoletti, R., Borghi, A.M. (2018). Grounding abstract concepts: The case of gender. Workshop CAOS (concepts, actions and objects), Rovereto, May 3-5.
183. Villani, C., Lugli, L., Liuzza, M.T., Borghi, A.M. (2017). Different kinds of Abstract concepts. AISC conference, Bologna. December 14-16, 2017.
182. Villani, C., Lugli, L., Borghi, A.M. (2017). Concetti astratti: un dominio omogeneo o eterogeneo Uno studio sulle differenze fine-grained delle sottocategorie dei concetti astratti. AIP Sperimentale, Bari, September 20-22, 2017.
181. Mazzuca, C., Lugli, L., Nicoletti, R., Borghi, A.M. (2017). Influenza dell'attivazione di effettori sul processamento di parole astratte, concrete ed emotive. AIP Sperimentale, Bari, September 20-22, 2017.

180. Mazzuca, C., Barca, L., Borghi, A.M. (2017). Poster: Pacifier overuse and processing of abstract, concrete and emotional concepts. Embodied and Situated Language Processing ESPL, Moscow, September 10-12.
179. Lugli, L. & Borghi, A.M. (2017). Chewing a gum interferes with abstract concepts' processing. Presentation at the ESCOP conference, Potsdam, September 3-6.
178. Villani, C., Lugli, L. & Borghi, A. M. (2017). A taxonomy of Italian abstract concepts. Poster presented at the ESCOP conference, Potsdam, September 3-6.
177. Mazzuca, C., Barca, L., Borghi, A.M. (2017). The influence of pacifier on conceptual acquisition: a multimodal approach. Poster. Language as a form of action, Rome, June 2017.
176. Scerrati, E., Lugli, L., Borghi, A.M., Nicoletti, R. (2016). A study on abstract concepts with the extrinsic Simon task. Abstract concepts international symposium 2016. Structure, processing and modeling. November 18, 2016.
175. Mazzuca, C., Borghi, A.M., (2016). Abstract concepts and the activation of the hand and mouth effectors. Abstract concepts international symposium 2016. Structure, processing and modeling. November 18, 2016.
174. Barca, L., Mazzuca, C., Notte, M., Borghi, A.M. (2016). Influenza dell'utilizzo del ciuccio sull'elaborazione di concetti astratti, concreti ed emotivi. Congresso di Psicologia Sperimentale, AIP, Roma, September 20-22 2016.
173. Scerrati, E., Lugli, L., Borghi, A.M., Nicoletti, R. (2016). CogSci, Recognizing and Representing Events: Integrating Psychological, Philosophical, Linguistic, Computational and Neural Perspectives, poster: Seeing the Bees Buzz and Hearing the Diamonds Glisten: The Effect of the Mode of Presentation of Stimuli on the Modality-Switch Effect. Philadelphia, PA, USA, August 10-13.
172. Scerrati, E., Lugli, L., Borghi, A.M., Nicoletti, R. (2016). Emergent Meaning workshop, Neural, Social, and Computational Perspectives, poster: Does the Mode of Presentation of Stimuli Affect Modality-Switching Costs? A Study with the Lexical Decision Task. Lehigh University, Bethlehem, PA, USA, August 10.
171. Scerrati, E., Lugli, L., Borghi, A.M., Nicoletti, R. (2016). ICT conference, International Conference on Thinking, poster: Is the color of ?Culture? visual or auditory? A study on abstract concepts with the Extrinsic Simon task. Brown University, Providence, RI, USA, August 4-6.
170. Scerrati, E., Lugli, L., Borghi, A.M., Nicoletti, R. (2016). Is the acoustic modality relevant for abstract concepts? An investigation with implicit measures. Rome, Modelact conference, June 6-7.
169. Scerrati, E., Lugli, L., Borghi, A.M., Nicoletti, R. (2016). Is the acoustic modality relevant for abstract concepts? An investigation with implicit measures. Rome, Modelact conference, June 6-7.
168. Borghi, A.M. (2015). Perspective and bodily space in language comprehension. (talk within the symposium Language, action and space, convenors A.M.Borghi, L.Tummolini). 6th International Conference on Spatial Cognition (ICSC): Space and Situated Cognition, Rome, September 7-11.
167. Lugli, L. Baroni, G., Anelli, F., Borghi, A.M., R.Nicoletti (2015). Moving through the space: how arithmetical calculations are involved. (talk within the symposium How do numbers move mentally? The interplay between numerical cognition and multiple dimensions of space, convenors L. Lugli, B. Winter). 6th International Conference on Spatial Cognition (ICSC): Space and Situated Cognition, Rome, September 7-11.
166. Flumini, A., Borghi, A.M., Santiago, J. (2015). The shape of abstract words. ESCOP 2015, Cyprus, September 17-20.
165. Scerrati, E., Baroni, G., Borghi, A.M., Galatolo, R., L.Lugli, R.Nicoletti (2015). Visually and aurally presented prime sentences automatically activate our senses. ESCOP 2015, Cyprus, September 17-20.
164. Scerrati, E., Baroni, G., Borghi, A.M., Galatolo, R., L.Lugli, R.Nicoletti (2015). Il ruolo della modalità del contenuto e del modo di presentazione dello stimolo nella determinazione del modality switch effect. XXI Congresso di Psicologia sperimentale, AIP, Rovereto, September 10-12.

163. Lugli, L., Obertis, A., Borghi, A.M. (2015). Imitative and complementary actions evoked by individual vs. social hands movements. Budapest, 6th Joint Action Meeting, JAM. July 1-4.
162. Scorolli, C., Pesciarelli, Borghi, A.M., Colzato, L., Hommel, B., & Cacciari, C. (2015). Effects of specific religious practice on the electrophysiological responses to errors. International Convention of Psychological Science (ICPS), Amsterdam, 12-14 March 2015, Poster.
161. Anelli, F., Lugli, L., Baroni, G., Borghi, A.M., Nicoletti, R. (2014). Camminare fa bene all'aritmetica: come i movimenti influenzano le addizioni e le sottrazioni. XX Congresso di Psicologia Sperimentale, AIP, Pavia, September 2014.
160. Scorolli, C., Pesciarelli, F., Borghi, A.M., Colzato, L., Hommel, B., Cacciari, C. (2014). Effetti della religione sulla risposta neurofisiologica all'errore. XX congresso di psicologia sperimentale, AIP. Pavia, September 2014.
159. Lugli L., Baroni G., Anelli F., Borghi A.M., Nicoletti R. (2014) Speaking about numbers: Does the motion of the whole body play a role? Embodied and Situated Language Processing ESPL 2014, August 19-21, Rotterdam, NL.
158. Scorolli, C., Borghi, A.M., Tummolini, L. (2013). Questo è mio, quello è tuo: Giudizi impliciti sulla proprietà. AIP. XIX congresso di psicologia sperimentale. Rome, September 16-18.
157. Lugli, L., Baroni, G., Anelli, F., Borghi, A.M., Nicoletti, R. (2013). Interazione tra cognizione numerica e processi motori. AIP. XIX congresso di psicologia sperimentale. Rome, September 16-18.
156. Granito, C., Scorolli, C., Borghi, A.M. (2013). Alice a Legoland: come acquisiamo le parole astratte. AIP. XIX congresso di psicologia sperimentale. Rome, September 16-18.
155. Flumini, A., Barca, L., Borghi, A.M., Pezzulo, G. (2013). Effetti di compatibilità tra postura della mano e affordances: uno studio su parole ed oggetti con MouseTracker. AIP. XIX congresso di psicologia sperimentale. Rome, September 16-18.
154. Lugli, L., Baroni, G., Anelli, F., Borghi, A.M., Nicoletti, R. (2013). Body movements affect counting. 35th annual cognitive science conference. Berlin, Germany, July 31-August 3.
153. Gianelli, C., Lugli, L., Baroni, G., Nicoletti, R., Borghi, A.M. (2013). How social context enhances the link between linguistic stimuli and motor behaviour. ESPL, Embodied and Situated Language Processing, Potsdam, Germany, July 29 - 31, 2013.
126. Scorolli, C., Granito, C., Borghi, A.M. (2013). Learning abstract words: The key brick of language. ESPL, Embodied and Situated Language Processing, Potsdam, Germany, July 29 - 31, 2013.
151. Scorolli, C., Miatton, M., Wheaton, L., Borghi, A.M. (2013). Semantic relations between objects in a social context: A kinematics study on social intention. Berlin, JAM, Joint Action Meeting, Berlin, Germany, July 27 - 29, 2013.
150. Scorolli, C., Borghi, A.M., Tummolini, L. (2012). Il proprietario e' il piu' vicino ed il primo a scoprire l'oggetto. Embodiment e proprieta'. Atti del nono convegno dell'associazione italiana di scienze cognitive (AISC), Roma, December 3-5, 2012, editors Marco Cruciani & Federico Cecconi.
149. Scorolli, C., Miatton, M., Wheaton, L., Borghi, A.M. (2012). Semantic relations between objects in a spatial context: A kinematics study on social intention. Cognition and Language: A research Conference in Memory of Patrizia Tabossi. The Trieste Symposium on Perception and Cognition. Trieste. November 9, 2012.
148. Scorolli, C., Miatton, M., Wheaton, L., Borghi, A.M. (2012). Ti porgo un oggetto, prendo un oggetto: Uno studio cinematografico sull'intenzione sociale. AIP, Congresso Nazionale della Sezione di Psicologia sperimentale. Chieti, 20-22 September 2012.
147. Borghi, A.M. (2012). The physical and social space of affordances. (talk within the symposium Objects and action in the individual and social space: Affordances and embodied cognition). 5th International Conference on Spatial Cognition (ICSC): Space and Embodied Cognition. Rome, 4-9 September 2012.
146. Morlino, G., Gianelli, Borghi, A.M., Nolfi, S. (2012). Category learning through action: A

study with human and artificial agents. 5th International Conference on Spatial Cognition (ICSC): Space and Embodied Cognition. Rome, 4-9 September 2012.

145. Gianelli, C., Ranzini, M., Marzocchi, M., Rettore Micheli, L., & Borghi, A.M. (2012). Influence of numerical magnitudes on the free choice of an object position. 5th International Conference on Spatial Cognition (ICSC): Space and Embodied Cognition. Rome, 4-9 September 2012.

144. Scorolli, C., Miatton, M., Wheaton, L. & Borghi, A.M. (2012). Poster. When a glass calls: Anatomy of a toast. 5th International Conference on Spatial Cognition (ICSC): Space and Embodied Cognition. Rome, 4-9 September 2012.

143. Roversi, C., Borghi, A.M., Tummolini, L. (2012). Poster: Social objects in mind: an experimental study on social concepts. Objects in mind. First Aarhus-Paris Conference in Social Ontology and Cognition. University of Aarhus, Denmark, June 25-26 2012.

142. Paglieri, F., Borghi, A.M., Colzato, L., Hommel, B. & Scorolli, C. (2012). Religious differences in temporal discounting: Calvinists, Catholics and atheists. Rome, ISTC-CNR, May 29 2012, Intertemporal day.

141. Anelli, F., Baroni, G., Borghi, A.M., Lugli, L., Nicoletti, R. (2012). Counting is easier while experiencing a congruent movement. Rovereto Workshop on Concepts, Action, Objects CAOS, May 24-27, 2012.

140. Scorolli, C., Borghi, A.M., Tummolini, L. (2012). The owner is closer and is the first to discover objects. Exploring the embodied nature of object ownership. Rovereto Workshop on Concepts, Action, Objects CAOS, May 24-27, 2012.

139. Ranzini, M., Anelli, F., Borghi, A.M., Carbone, R., Lugli, L. Nicoletti, R. (2011). Object graspability affects number processing 17th Meeting of the European Society for Cognitive Psychology, ESCOP 2011, San Sebastian, September 29-October 2, 2011.

138. Scorolli, C., Daprati, E., Nico, D., Borghi, A.M. (2011). Catching objects through words. 17th Meeting of the European Society for Cognitive Psychology, ESCOP 2011, San Sebastian, September 29-October 2, 2011.

137. Ottoboni, Borghi, A.M., Tessari, A. (2011). The role of oculo-motor coordination in affordance. 17th meeting of the European Society for Cognitive Psychology, ESCOP 2011, San Sebastian, September 29-October 2, 2011.

136. Scorolli, C., Daprati, E., Nico, D., & Borghi, A.M. (2011). Catching objects through words. 17th meeting of the European Society for Cognitive Psychology, ESCOP 2011, San Sebastian, September 29-October 2, 2011.

135. Ranzini, M., Anelli, F., Borghi, A.M., Carbone, R., Lugli, L., Nicoletti, R. (2011). Object graspability affects number processing. 17th meeting of the European Society for Cognitive Psychology, ESCOP 2011, San Sebastian, September 29-October 2, 2011.

134. Scorolli, C., Daprati, E., Nico, D., Borghi, A.M. (2011). Comprensione del linguaggio e rappresentazione dello spazio:

le parole come strumenti. XVII Congresso Nazionale della Sezione di Psicologia Sperimentale, Catania, September 14-16, 2011.

133. Flumini, A., Ranzini, M., Borghi, A.M. (2011). Nomine sunt consequentia rerum: corrispondenze suono-forma nella denominazione di oggetti conosciuti. XVII Congresso Nazionale della Sezione di Psicologia Sperimentale, Catania, September 14-16, 2011.

132. Anelli, F., Borghi, A.M., Nicoletti, R. (2011). Dinamiche del pericolo e affordances. XVII Congresso Nazionale della Sezione di Psicologia Sperimentale, Catania, September 14-16, 2011.

131. Obertis, A.C., Lugli, L., Borghi, A.M. (2011). Dare è femmina, colpire è maschio. XVII Congresso Nazionale della Sezione di Psicologia Sperimentale, Catania, September 14-16, 2011.

130. Ranzini, M., Anelli, F., Borghi, A.M., Nicoletti, R. (2011). Fuggire dal dolore? Uno studio

sulla percezione di oggetti

Pericolosi. XVII Congresso Nazionale della Sezione di Psicologia Sperimentale, Catania, September 14-16, 2011.

129. Scorolli, C., Jacquet, P.O., Binkofski, F., Nicoletti, R., Tessari, A. & Borghi, A.M. (2011).

Does catching an object differ from catching a flower? Embodied and Situated Language Processing 2011(ESLP 2011), Bielefeld University, August 25-27 2011.

128. Borghi, A.M., Flumini, A., Cimatti, F., Marocco, D. & Scorolli, C. (2011). Language's role in concepts: A study on concrete and abstract words acquisition. 5th annual Rovereto workshop on Concepts, Actions and Objects (CAOs). May 19th-22nd, Rovereto.

127. Natraj N., Poole V.N., Mizelle J.C., Flumini A., Borghi A.M. & Wheaton L. (2011). Context and Hand posture Modulate the Neural Dynamics of Tool-Object Perception. Cognitive Neuroscience Society Annual Meeting, San Francisco, CA, April 2-5 2011.

126. Caligiore, D., Borghi, A.M., Parisi, D., Ellis, R., Cangelosi, A. & Baldassarre, G. (2011). COSYNE 2011. Affordances of distractors and compatibility effects: a study with the computational model TRoPICALS.

125. Scorolli, C., Da Prati, E., Nico, D., Borghi, A.M. (2011). Language comprehension and space representation: words as tools. BCCD11 Budapest Conference on Cognitive Development, January 14-16, 2011.

124. Costantini, M., Ambrosini, E., Scorolli, C., Borghi, A.M. (2010). When objects are close to you: Objects manipulation and use in the peripersonal space. Poster presented at the Symposium The embodied mind: Perspectives and Limitations, Radboud University, Nijmegen, October 27-28, 2010.

123. Ranzini, M., Borghi, A.M., & Nicoletti, R. (2010). Effects of motor simulation and motor resonance in a line bisection task. Poster presented at the Symposium The embodied mind: Perspectives and Limitations, Radboud University, Nijmegen, October 27-28, 2010.

122. Flumini, A., Natraj, N., Wheaton, L., Borghi, A.M. (2010). Una mano, due oggetti: Emergere delle affordances nei contesti. Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.

121. Anelli, M., Borghi, A.M., Nicoletti, R. (2010). Grasping the pain. La simulazione motoria con affordance pericolose. Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.

120. Marino, B., Borghi, A.M., Buccino, G., Riggio, L. (2010). Lo scopo dell'interazione di un organismo con un oggetto seleziona le affordances. Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.

119. Nicoletti, R., Lugli, L., Pellicano, A., Borghi, A.M. (2010). L'effetto affordance in compiti go-nogo e sociali. Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.

118. Scorolli, C., Jacquet, P., Binkofski, F., Nicoletti, R., Tessari, A., Borghi, A.M. (2010). La corteccia motoria primaria nell'elaborazione di frasi concrete e astratte. Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.

117. Anelli, M., Borghi, A.M., Scorolli, C., Tessari, A. (2010). Verbi e oggetti relati all'azione: Elaborazione linguistica o motoria? Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.

116. Ranzini, M., Borghi, A.M., Nicoletti, R. (2010). Possibili effetti di risonanza motoria in un compito di bisezione. Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.

115. Costantini, M., Ambrosini, E., Scorolli, C., Borghi, A.M. (2010). Quando l'oggetto è vicino: Manipolazione e uso di oggetti nello spazio peri-personale. Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.

114. Scorolli, C., Jacquet, P., Binkofski, F., Nicoletti, R., Tessari, A., & Borghi, A.M. (2010). The role of primary motor cortex in concrete and abstract sentences comprehension. 27th International

Congress of Applied Psychology, Melbourne, Australia, July 11-16.

113. Lugli, L., Gianelli, C., Baroni, G., Borghi, A.M., & Nicoletti, R. (2010). Interacting with different objects and agents: A behavioral and kinematics study. 3rd UK Cognitive Linguistics Conference, University of Hertfordshire, 6-8 July 2010.

112. Scorolli, C., Jacquet, P., Binkofski, F., Nicoletti, R., Tessari, A., & Borghi, A.M. (2010). Processing abstract and concrete sentences: A role of primary motor cortex? Fourth Annual Rovereto workshop on Concepts Actions and Objects, Functional and Neural perspective: CAOS. Rovereto, May 20-23, 2010.

111. Borghi, A.M. Overview of cognitive robotics networks in Europe. Talk within the symposium Embodied Robotics: from Affordances to Action organized by Martin Fischer, Anna Borghi. 1st Joint Conference of the EPS and SEPEX, 15-17 April, 2010, Granada.

110. Borghi, A.M., Cimatti, F. (2010). Abstract words and social development ([poster](#)). EPS workshop The representation of abstract concepts. London, UCL, January 8-9.

109. Scorolli, C., Binkofski, F., Buccino, G., Nicoletti, R., Riggio, L., Borghi, A.M. (2010). Abstract and concrete sentences, embodiment and languages. EPS workshop The representation of abstract concepts. London, UCL, January 8-9.

108. Ferri, F., Stoianov, I., Gianelli, C., D'Amico, L., Borghi, A.M., Gallese, V. Quando le emozioni e l'azione si incontrano: uno studio di cinematica del comportamento di "dar da mangiare" all'altro. Bologna, Società Italiana di Neuropsicologia, SINP, 27-28 Novembre 2009. 107. Pezzulo, G., Borghi, A.M., Lamberti-Bocconi A., Barca, L. Simulazione ed effetto sui chunks motori: Uno studio su scalatori esperti e non esperti. XV Congresso AIP sez. Sperimentale. Chieti, 24-26 settembre.

106. Scorolli, C., Borghi, A.M., Binkofski, F., Buccino, G., Nicoletti, R., Riggio, L. (2009). Embodiment e linguaggio: Uno studio su frasi astratte e concrete. XV Congresso AIP sez. Sperimentale. Chieti, 24-26 settembre.

105. Anelli, M., Nicoletti, R., Borghi, A.M. Categorizzazione e azione: Risposte motorie a oggetti duri e teneri. XV Congresso AIP sez. Sperimentale. Chieti, 24-26 settembre.

104. Gianelli, C., Baroni, G., Lugli, L., Borghi, A.M., Nicoletti, R. (2009). Tra me e te: parole e oggetti in interazione. XV Congresso AIP sez. Sperimentale. Chieti, 25-27 settembre.

103. Gaudiello, I., Caligiore, D., Schiavone, G., Salerno, A., Sergi, F., Zollo, L., Guglielminelli, E., Parisi, D., Baldassarre, G., Nicoletti, R., Borghi, A. (2009). Effects on space representation of using a tool and a button. Cognitive Processing. Special Issue ICSC, 2009, (pp. 153-154). Springer.

102. Colzato, L., Scorolli, C., van den Wildenberg, W., Borghi, A.M., Hommel, B. (2009). Losing the big picture: How religion may control visual attention. ESCOP conference, Kracow, September 2-5, 2009.

101. Scorolli, C., Borghi, A.M., Nicoletti. Embodiment and language: Cross-linguistic evidence on abstract and concrete sentences. ESCOP conference, Kracow, September 2-5, 2009.

100. Baroni, G., Lugli, L., Gianelli, C., Borghi, A.M., Nicoletti, R. (2009). Self, others and objects: How they interact and modulate the motor system. ESCOP conference, Kracow, September 2-5, 2009.

99. Pellicano, A., Iani, C., Rubichi, S., Ricciardelli, P., Borghi, A.M., Nicoletti, R. (2009) Real life motor training modifies motor performance: The advantage of being drummers. ESCOP conference, Kracow, September 2-5, 2009.

98. Colzato, L., Scorolli, C., van den Wildenberg, W., Borghi, A.M., Hommel, B. (2009). Losing the big picture: How religion may control visual attention. ESCOP conference, Kracow, September 2-5, 2009.

97. Scorolli, C., Borghi, A.M., Nicoletti. (2009) Embodiment and language: Cross-linguistic evidence on abstract and concrete sentences. ESCOP conference, Kracow, September 2-5, 2009.

96. Baroni, G., Lugli, L., Gianelli, C., Borghi, A.M., Nicoletti, R. (2009). Self, others and objects: How they interact and modulate the motor system. ESCOP conference, Kracow, September 2-5, 2009.

95. Pellicano, A., Iani, C., Rubichi, S., Ricciardelli, P., Borghi, A.M., Nicoletti, R. (2009) Real life motor training modifies motor performance: The advantage of being drummers. ESCOP conference, Krakow, September 2-5, 2009.
94. Burke, K., Setti, A., Liuzza, M.T., Borghi, A.M., Newell, F.N. (2009). Visuo-motor resonance in older adults. International Multisensory Research Forum 2009, City College New York City, June 29th- July 2nd.
93. Gianelli, C., & Borghi, A.M.. (2009) Engagement in action. How motor chains, goals and agents are translated in language. Poster. Third annual workshop on Concepts, Actions, and Objects: Functional and Neural Perspectives, Rovereto, Italy, 22th-25th of April, 2009.
92. Scorolli, C., Borghi, A.M. & Nicoletti, R. (2009) *Abstract and concrete sentences in German and Italian*. Poster. Third annual workshop on Concepts, Actions, and Objects: Functional and Neural Perspectives, Rovereto, Italy, 22th-25th of April, 2009.
91. Lugli, L., Baroni, G., Gianelli, C., Borghi, A.M., Nicoletti, R. (2009) Good things to me but not bad ones to others. Workshop: Enacting intersubjectivity. Paying the way for a dialogue between cognitive science, social cognition, and neuroscience. Lugano, February 13-14, 2009.
90. Gianelli, C., Borghi, A.M. (2008). Il linguaggio dell'azione: Catene motorie e simulazione. AIP, XIV Congresso Annuale Associazione Italiana di Psicologia, sez. Sperimentale, Padova, Sept. 18-20.
89. Scorolli, C., Borghi, A.M., Glenberg, A.M. (2008) Le parole hanno un peso. AIP, XIV Congresso Annuale Associazione Italiana di Psicologia, sez. Sperimentale, Padova, Sept. 18-20.
88. Lugli L., Baroni G., Gianelli C., Borghi A. M., Nicoletti R. (2008) Linguaggio e azione: Il ruolo della social politeness. AIP, XIV Congresso Annuale Associazione Italiana di Psicologia, sez. Sperimentale, Padova, Sept. 18-20.
87. Caligiore, D., Borghi, A.M., Parisi, D., & Baldassarre, G. (2008). Affordances and compatibility effects: a neural-network computational model. In Mayor Julien, Ruh Nicholas, Plunkett Kim (orgs.), The 11th Neural Computation and Psychology Workshop. University of Oxford, Oxford, UK, 16-18 July 2008 University of Oxford, Oxford, UK.
86. Baroni, G., Freina, L., Pellicano, A., Borghi, A.M., Rumiati, R., Nicoletti, R. (2008). How do we React to Gain- and Loss-Words? An Experimental Study on Economic Concepts. Bari, Giornata di Studio su Emozioni e Decisioni, May 22-23, 2008
85. Kalenine, S., Bonthoux, F., Borghi, A.M. (2007). How action and context priming influence categorization: a developmental study. Workshop Concepts, action and objects, Rovereto, April 24-27, 2008.
84. Scorolli, C., Borghi, A., Glenberg, A. (2007). Effects of language on bimanual objects lifting. (poster). Roma, Novembre 28-29. Quarto convegno dell'Associazione Italiana di Scienze Cognitive AISC.
83. Baroni, G., Freina, L. Borghi, A., Nicoletti, R. (2007). Come reagisco se leggo "ragno"? E "torta" Un'indagine sui movimenti di attrazione e repulsione. (poster). Roma, November 28-29. Quarto convegno dell'Associazione Italiana di Scienze Cognitive AISC.
82. Borghi, A., Riggio, L. (2007). Affordances “stabili” e “temporanee” nella comprensione del linguaggio. Como, AIP, September 17-19.
81. Setti, A., Borghi, A., Tessari, A. (2007). L'informazione sull'azione e il movimento in concetti di animati e inanimati. Como, AIP, September 17-19.
80. Scorolli, C., Glenberg, A., Borghi, A., Setti, A. (2007). Effetti del linguaggio sulla percezione e sulla valutazione del peso. Como, AIP, September 17-19.
79. Bazzarin. V., Freina, L., Borghi, A., Nicoletti, R. (2007). Gabbiani rossi volano nel bianco tramonto... C'è qualcosa che non va?. Como, AIP, September 17-19.
78. Setti, A., Borghi, A., Tessari, A. (2007). Motion and action in animate and inanimate objects. ESCOP conference, Marseille, 29 August-2 September.
77. Baroni, G., Freina, L., Borghi, A., Nicoletti, R. (2007). Reaction to Positive and Negative Words: Attraction or Repulsion? ESCOP conference, Marseille, 29 August-2 September.

76. Scorolli C., Borghi, A. Comprehension of Sentences Implying Actions: Relevance of the Effector and of the Goal. ESCOP conference, Marseille, 29 August-2 September.
75. Borghi, A., Bazzarin, V., Tessari, A., Nicoletti, R. (2007). Is a Large Nut Like An Apple? Studies with Real and Modified Sized Objects. ESCOP conference, Marseille, 29 August-2 September. .
74. Freina, L., Baroni, G., Borghi, A., Nicoletti, R. (2007). emotive concept-nouns and motor responses: Attraction or repulsion? Rovereto: CAOS: Concepts, action and objects: Functional and neural perspectives, 19-22 April 2007.
73. Freina, L., Baroni, G., Borghi, A., Nicoletti, R. (2007). emotive concept-nouns and motor responses: Attraction or repulsion? Rovereto: CAOS: Concepts, action and objects: Functional and neural perspectives, 19-22 April 2007.
72. Scorolli, C., Glenberg, A., Borghi, A., Setti, A. (2007). Language comprehension influences perception. Rovereto: CAOS: Concepts, action and objects: Functional and neural perspectives, 19-22 April 2007.
71. Borghi, A., Bazzarin, V., Tessari, A., Nicoletti, R. (2007). Do we grasp a small hammer like a hammer or like a nail? A study with real and modified sized objects. Rovereto: CAOS: Concepts, action and objects: Functional and neural perspectives, 19-22 April 2007.
70. Setti, A., Borghi, A., Tessari, A. (2007). Motion and action in animate and inanimate objects. Rovereto: CAOS: Concepts, action and objects: Functional and neural perspectives, 19-22 April 2007.
69. Scorolli, C. Borghi, A. (2006). Comprensione di frasi che implicano azioni: rilevanza dell'effettore e dello scopo. Genova, III convegno nazionale di scienze cognitive, October 26-27 2006.
68. Borghi, A. (2006). Affordances e categorizzazione: tra esperimenti e simulazioni connessioniste. Genova, III convegno nazionale di scienze cognitive, October 26-27 2006.
67. Bazzarin, V., Freina, L., Borghi, A., Nicoletti, R. (2006). La neve è sempre bianca, il sangue sempre rosso? E la simpatia com'è? Una ricerca su concetti e effetto Stroop. Genova, III convegno nazionale di scienze cognitive, October 26-27 2006.
66. A. Borghi (2006). Oggetti, affordances e categorizzazione. Simposio Affordances: tra percezione e azione. AIP, Sez. di Psicologia Sperimentale, Rovereto, September 13-15 2006.
65. A. Borghi, C. Bonfiglioli, P. Ricciardelli, S. Rubichi, R. Nicoletti. (2006) Categorizzazione e manipolabilità. AIP, Sez. di Psicologia Sperimentale, Rovereto, September 13-15 2006.
64. Borghi, A., Di Ferdinando A., Tsiotas G., Parisi, D.(2006). Compatibilità visuomotoria: Uno studio di Vita Artificiale. III WORKSHOP ITALIANO DI VITA ARTIFICIALE. Wiva3. Siena, September 12-15 2006.
63. C. Scorolli, A. Borghi. (2006) Comprensione di frasi e sistema motorio. Modulazioni in funzione dell'effettore. AIP, Sez. di Psicologia Sperimentale, Rovereto, September 13-15 2006.
62. V. Bazzarin, A. Borghi, R. Nicoletti, A. Tessari. (2006) Affordances: Via diretta o via semantica? Uno studio con oggetti con dimensioni modificate. AIP, Sez. di Psicologia Sperimentale, Rovereto, September 13-15 2006.
61. R. Lorenzetti, A. Borghi, R. Nicoletti, S. Stame (2006). Effetti dell'arousal empatico sul focus attentivo e sul ricordo in narrazioni autobiografiche. AIP, Sez. di Psicologia Sperimentale, Rovereto, September 13-15 2006.
60. Borghi, A., Riggio, L., Oggianu, L. (2006). Objects and affordances: Language and Simulation. Fifth Annual Summer Interdisciplinary Conference, ASIC, Åndalsnes, Norway
59. Lorenzetti, R., Stame, S., Borghi, A. & Nicoletti, R. (2006). In and out of focus. Attention and empathy in autobiographical memory. *Toward a science of consciousness 2006*, April 4-8, Tucson, Arizona.
58. Trentin, G., & Borghi, A. (2006). Esperti e non esperti nell'interazione con l'hardware: il ruolo delle "affordances". VII Congresso Nazionale SIE, Società italiana di ergonomia, L'ergonomia tra innovazione e progetto, Sistemi di lavoro e stili di vita. Milano, 9-10 February 2006.

57. Borghi, A., Bonfiglioli, C., Lugli, L., Ricciardelli, P., Rubichi, S., Nicoletti, R. (2005). Vedere prima una mano e poi un oggetto: Attiviamo informazioni sull'interazione con gli oggetti? *AIP – Congresso Nazionale della Sezione di Psicologia Sperimentale*, Cagliari, 17-20 September 2005.
56. Scorolli, C., Borghi, A. (2005). Comprensione di frasi e sistema motorio: Effetti di interferenza specifici per effetto. *AIP – Congresso Nazionale della Sezione di Psicologia Sperimentale*, Cagliari, 17-20 September 2005.
55. Bruzzo, A., Borghi, A., Ghirlanda, S. (2005). Dare un senso alle azioni: Effetti di prospettiva. *AIP – Congresso Nazionale della Sezione di Psicologia Sperimentale*, Cagliari, 17-20 September 2005.
54. Borghi, A., Bonfiglioli, C., Lugli, L., Ricciardelli, P., Rubichi, S., Nicoletti, R. (2005). Visual hand primes and manipulable objects. XXVII Annual Conference of the Cognitive Science Society. Stresa, July 21-23, 2005.
53. Tsiotas, G., Borghi, A., Parisi, D. (2005). Objects and affordances: An Artificial Life simulation. Poster presented at the XXVII Annual Conference of the Cognitive Science Society. Stresa, July 21-23, 2005.
52. Borghi, A. (2005). Object concepts and action. Summer School Neural network models of perception, action and embodied knowledge, Bologna, July 12-19, 2005.
51. Borghi, A. (2005). Object concept nouns and motor information. Amsterdam, July 6-9, 2005. Fifteenth Annual Meeting of the Society for Text and Discourse, Symposium Perception and Action in Language Processing, Organizers: Rolf Zwaan, Katja Wiermer-Hastings.
50. Tsiotas, G., Borghi, A.M., Parisi, D. (2005). Tipi di prensione ed effetti di compatibilit : Una simulazione connessionista. Roma, ISTC-CNR, 3-5 March 2005.
49. Borghi, A.M. (2004). Concetti di oggetti e informazione motoria. *AIP – Congresso Nazionale della Sezione di Psicologia Sperimentale*, Scaicca, 18-20 September 2004.
48. Lugli, L., Borghi, A.M., Bonfiglioli, C., Ricciarelli, P., Rubichi, S. & Nicoletti, R. (2004). Pre-stimoli visivi e informazione motoria sugli oggetti. *AIP – Congresso Nazionale della Sezione di Psicologia Sperimentale*, Scaicca, 18-20 September 2004.
47. Borghi, A.M., Bonfiglioli, C., Ricciardelli, P., Rubichi, S. & Nicoletti, R. (2004). Do we access objects manipulability while we categorize? *ILCC 2004, International Language and Cognition Conference*. Pacific Bay Resort, Coffs Harbour, Australia, 10-12 September 2004.
46. Borghi, A.M. (2004). Do object concepts incorporate motor information? 21th Annual Workshop of the European Society for the Study of Cognitive Systems. Genova, 4/6 July 2004.
45. Borghi, A.M. (2004). Concepts and affordances. Third Annual Summer Interdisciplinary Conference (ASIC). Cavalese, Italy. June 27th – July 2nd, 2004.
44. Borghi, A.M. (2004) The body's contribution to object concepts: Why sensorimotor and cognitive processes cannot be separated. International Colloquium Conceptual structures and categorical perception. The emergence of order in human cognition. Rome, 28-29 May 2004.
43. Borghi, A.M., Di Ferdinando, A. & Parisi, D. (2004). Oggetti e affordances: Uno studio connessionista. In Atti del II Convegno Nazionale dell'Associazione Italiana di Scienze Cognitive (AISC). (pp. 184-186). Ivrea: Interaction Design Institute. Ivrea, 18/20 March 2004.
42. Setti, A., Caramelli, N. & Borghi, A.M. (2004). Information about size in concepts of different ontological kinds. Trends in European Cognitive Psychology. Naples, 19 March 2004.
41. Acerra, F., Di Ferdinando, A., Borghi, A.M. & Parisi, D. (2003). Computational models of sensorimotor processes (talk within the Symposium Action Simulation, Organizers G. Knoblich & J.Proust). In F. Schmalhofer, R.M. Young & F. Katz, *Proceedings of the Meeting of the European Society of Cognitive Science, Osnabr ck 2003* (pp.34). London: Erlbaum.
40. Setti, A. & Borghi, A.M. (2003). Information about motion in concepts of different ontological kinds In F. Schmalhofer, R.M. Young & F. Katz, *Proceedings of the Meeting of the European Society of Cognitive Science, Osnabr ck 2003* (pp.438). London: Erlbaum.
39. Di Ferdinando, A., Borghi, A.M. & Parisi, D. (2003). Categorizzazione e azione: uno studio con simulazioni di Vita Artificiale. Abstracts del I Workshop Italiano di Vita Artificiale, Cosenza,

September 2003.

38. Borghi, A.M., Glenberg, A.M. & Kaschak, M. (2003). Concepts and action. *Proceedings of the European Workshop of Imagery and Cognition, 9th EWIC 2003*, Pavia, 25-27 aprile 2003, p.82.
37. Iachini, T., & Borghi, A.M. (2003). Conceptualization and sensorimotor interaction with objects. *Proceedings of the European Workshop of Imagery and Cognition, 9th EWIC 2003*, Pavia, 25-27 aprile 2003, p.83.
36. Borghi, A.M. (2002). Concetti e azione: il ruolo delle parti come guide per agire. Pdf. Università degli studi di Trento, *Book of Abstracts*, Convegno Nazionale della Società di Scienze Cognitive, Rovereto (Trento), 20 e 21 settembre 2002, pp. 20-22. Papers
35. Borghi, A.M., Parisi, D. & Di Ferdinando, A. (2002). Livelli gerarchici e azione: uno studio connessionista. In P. Garotti (ed.), *AIP – Congresso Nazionale della Sezione di Psicologia Sperimentale, Riassunti delle comunicazioni*, Bellaria-Rimini, 16-18 settembre 2002, edizioni Nautilus: Bologna, pp. 70-72.
34. Borghi, A.M. & Barsalou, L.W. (2002). Prospettive nella concettualizzazione. In P. Garotti (ed.), *AIP – Congresso Nazionale della Sezione di Psicologia Sperimentale, Riassunti delle comunicazioni*, Bellaria-Rimini, 16-18 settembre 2002, edizioni Nautilus: Bologna, pp. 94-96.
33. Borghi, A.M. (2002). Categorization and action. First Annual Summer Interdisciplinary Conferencen, Squamish, British Columbia, Canada. Tuesday, July 30 - Monday, August 5, 2002.
32. Borghi, A.M. & Barsalou, L.W. (2001). Perspective in the conceptualization of categories. *Abstracts, Psychonomic Society*, Orlando, USA.
31. Borghi, A.M. & Caramelli, N. (2001b). Perceptual components in concepts. In Eight European Workshop on Imagery and Cognition – EWIC 2001. Volume of Abstracts. Palais du Grandd Large. Saint-Malo, France. 1-3 April 2001. pp. 34.
30. Borghi, A. & Caramelli, N. (2001c). Which fruit is a fruit? *Twelfth Conference of the European Society for Cognitive Psychology (ESCAP)*, Edinburgh, Scotland, September 2001.
29. Borghi, A., Caramelli, N. & Setti, A. (2001). Variabilità dell'organizzazione della conoscenza e tipo di expertise. In B. Pinna (ed.), *AIP, Congresso nazionale della sezione di psicologia sperimentale, Riassunti delle comunicazioni*. Sassari: Editrice Democratica Sarda, p. 95-97.
28. Borghi, A., Di Ferdinando, A. & Parisi, D. (2001a). Perception and action in object categorization. NCPW7, Seventh Neural Computation and Psychology Workshop, Connectionist Models of Cognition and Perception, Brighton, UK.
27. Borghi, A., Di Ferdinando, A. & Parisi, D. (2001b). Artefatti e oggetti naturali nei modelli connessionisti. In B. Pinna (ed.), *AIP, Congresso nazionale della sezione di psicologia sperimentale, Riassunti delle comunicazioni*. Sassari: Editrice Democratica Sarda, p. 62-64.
26. Caramelli, N. & Borghi, A. (2001). The specificity of Goal derived categories. *International Conference on Memory*, Valencia, Spain, July 2001.
25. Setti, A., Borghi, A. & Caramelli, N. (2001). Is There a Primacy of Thematic Relations in Conceptual Organisation? *Twelfth Conference of the European Society for Cognitive Psychology (ESCAP)*, Edinburgh, Scotland, September 2001.
24. Setti, A., Caramelli, N. & Borghi, A. (2001). Is animacy a dimension of different kinds of concepts? *International Conference on Memory*, Valencia, Spain, July 2001.
23. Borghi, A.M. & Caramelli, N. (2000a). Concetti e scopi. In B. Pinna (a cura di). *Congresso Nazionale della Sezione di Psicologia Sperimentale. Riassunti delle Comunicazioni*. Alghero 2000. Alghero, 24-26 settembre 2000. Sassari: Carlo Delfino Editore, pp. 150-152.
22. Borghi, A.M. & Caramelli, N. (2000). Do event planning and event description elicit a different kind of information? *International Journal of Psychology*, 35, 3-4, 364.
21. Caramelli, N., Borghi, A. (2000). The role of head nouns in conceptual combination. In ISAPL 2000. VIth International Congress of the International Society of Applied Psycholinguistics. 28 June-1 July, 2000. University of Caen, France. Abstracts, pp. 57. Caen.
20. Borghi, A., Caramelli, N. (1999a). Is an apple the same for a student, a farmer, and a greengrocer? In Abstracts – VI European Congress of Psychology – July 4th-9th 1999 – Rome,

Italy. Rome, p. 75.

19. Borghi, A.M., Caramelli, N. (1999b). Animacy in children's narratives. In Abstracts. VIIIth International Congress for the Study of Child Language. 12-16 July, 1999. San Sebastian, Basque Country. Servicio Editorial de la Universidad de Pais Vasco: Zarautz, p. 55.
18. Caramelli, N., Borghi, A. (1999). Imagery in literal and metaphorical sentences. In J. Richardson (ed.), 7EWIC. Proceedings of the Seventh European Workshop on Imagery and Cognition. 12-15 July 1999. Brunel University: Uxbridge, Middlesex, p.17.
17. Borghi, A.M., Caramelli, N. (1998a). What kind of information is elicited by goal derived categories? Jerusalem, ESCOP Conference.
16. Borghi, A.M., Caramelli, N. (1998b). Categorie Tassonomiche Comuni e Categorie Goal Derived: un confronto. In Congresso nazionale della sezione di psicologia sperimentale, Firenze '98 - Riassunti. 28-30 settembre 1998. Florence, pp. 178-179.
15. Caramelli, N., Borghi, A.M, & Tison, C. (1998a). The textual pre-conditions for action narration in children's story construction. Abstracts - International Conference Children's discourse from a narrative perspective - Action and consciousness in story construction. Kazimierz Dolny, Poland, September 17-21. Warshaw, 1998.
14. Borghi, A.M., Caramelli, N. (1997). Are there different kinds of location for different kind and different level categories?. Abstracts, Fifth European Congress of Psychology, July 6th-11th, Dublin, Ireland. Dublin: Psychological Society of Ireland, p. 171.
13. Caramelli, N., Borghi, A.M. (1997). Are image metaphors easier to comprehend than conceptual ones? Proceedings, 6th EWIC, Sixth European Workshop on Imagery and Cognition, Oslo, Norway, 9. to 13. August 1997. Oslo, p.36.
12. Caramelli, N., Borghi, A. & Raffaelli, K. (1997). Association and definition in school-age children. Abstracts, ISAPL '97. 5th International Congress of the International Society of Applied Psycholinguistics, 25-27 June 1997. Porto, p. 24.
11. Caramelli, N., Borghi, A.M, & Calisesi, P. (1997). Esistono tipi diversi di concetti complessi? In Giovanna Nigro (a cura di), - Congresso Nazionale della Sezione di Psicologia Sperimentale, Capri '97- Riassunti delle comunicazioni. Neaple, p. 108-110
10. Borghi A., Caramelli N. (1996). Superordinate and basic concepts in different contexts. International Journal of Psychology, 31: Abstracts of the XXVI International Congress of Psychology, Montreal, 16-21 August. Montreal, p. 72.
9. Borghi, A., Caramelli, N. (1995). La collocazione dei concetti nello spazio. In S. Contento e P.L. Garotti (eds), Associazione Italiana di Psicologia, Sezione Ricerca di Base in Psicologia Congresso Nazionale - Cesena, 18-20 settembre 1995 - Riassunti delle comunicazioni. Cesena, pp.96-98.
8. Caramelli, N., Turrini, G., Borghi, A., Lanzetta, E. & Raffaelli, K. (1996). Children's conceptual organization and definitions. Abstracts - VIIth International Congress for the Study of Child Language, Istanbul, 14-19 July 1996. Istanbul, pp. 294-297.
7. Caramelli, N., Borghi, A. (1995). Conceptual knowledge - its relational structure. Abstracts - IV European Congress of Psychology, Atene, 2-7 luglio 1995. Athen: Ellinika Grammata, pp. 85-86.
6. Caramelli, N., Borghi, A. (1994). Confini tra categorie naturali: un problema aperto. In Zammuner, V. (a cura di): XIII Congresso della Divisione Ricerca di Base della SIPS - Riassunti delle comunicazioni, Padua, pp. 117-118.
5. Caramelli, N., Borghi, A. & Raffaelli, K. (1994). How the linguistic description of a story changes with age. Abstracts of the First Lisbon Meeting on Child Language, Lisboa, p. 41.35.
4. Caramelli, N., Borghi, A., Turrini, G. & Lanzetta, E. (1994) The relational structure of conceptual knowledge. Abstracts of the 23rd International Congress of Applied Psychology, Madrid, 17-24 July. Madrid, pp. 80-81.
3. Caramelli, N., Borghi, A. (1993). Il contesto nella comprensione di metafore negative. Riassunti delle comunicazioni, XII Congresso Nazionale della Divisione Ricerca di Base in Psicologia, Società Italiana di Psicologia. Rome: pp. 79-80.
2. Caramelli, N., Borghi, A. & Moè, A. (1993). Modality of presentation and memory for literal and

metaphorical sentences. Summaries del Workshop on Memory and Mental Representations, Rome, 23-24 September. Rome, pp. 99-104.

1. Borghi, A. Caramelli, N., (1992). Metaphor as a memory strategy. Abstracts of the Workshop on Memory strategies: theory and application, Trieste, 6-7 November, p.1.