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PERSONAL INFORMATION

Felicia Dacia Iacomi

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| Nationality Romanian

PERSONAL STATEMENT

WORK EXPERIENCE

01/10/1975–01/03/1980

Physicist

Metalurgical Enterprise, Iasi (Romania)

As a physicist I performed metalographic analyzes for all types of raw metal materials (carbon steel and high alloyed steels for tubes and tools, bronze, brass, zinc, etc. materials) and metal produces (tubes, high speed tools, etc) in order to certify their quality.

As a consequence of fact that I obtained expertise in Technical Control Quality and Alloys Thermal Treatments, I was selected in 1977 to be the lieder of Technical Quality Control Lab. I was responsible of metalographic, spectral and chemical analysis and mechanical testing of tubes and also of thermal treatments of metallurgical tools. Some of my investigation results on the welded tubes were published in the journal "Matalurgia" in 1980.

Due to my expertise I was invited to have classes of Structural Theory of Metal Properties at the sections of Metalurgy and Foundry from the Mechanics Faculty of Gheorghe Asachi Technical University of Iasi.

01/03/1980–01/10/1990

Scientific Researcher

Faculty of Physics, Alexandru Ioan Cuza University, Iasi (Romania)

As a scientific researchers in the period 1980-1990 I was responsible or a member in 14 scientific projects with different enterprises and institutions. I was responsible with the design and elaboration of an equipment for the nondestructive control with eddy currents of welded pipes for refrigerators and their quality improvement by annealing (for the Research Center of Metalurgical Enterprise) with the improvement of an equipment for the centrifugal foundry of bronze (for the Metalurgical Enterprise), an equipment for the nondestructive control with ultrasounds of polymer products (Plastic Mass Enterprise Iasi), of the quality of sinthetic fibers by inserting natural and synthetic zeolites in their composition (a collaboration with the Chemical Faculty of Alexandru Ioan Cuza of Iasi for Synthetic Fibers Iasi), of the quality of detergents by introduction of zeolite materials in their composition and of the quality of liquid dielectrics by introducing their purification in magnetic fields and controling their composition (Chemical Research Center Ramnicu Valcea).

I was a member of a team in realization of five research projects focused on the study of zeolite materials structure, magnetic thin films, analysis of electronic circuits functioning, etc.

Some of my scientific results were presented in four papers published in scientific journals and were disseminated in national and international conferences.

I had also some teaching activities at the laboratories of Electricity and Magnetism, Molecular Physics and Solid State Physics.

01/10/1990–01/10/2003

Lecturer

Faculty of Physics, Alexandru Ioan Cuza University of Iasi, Iasi (Romania)

Courses, laboratories and seminars of General Physics, Solid State Theory, Atmosphere Physics, Solid State Physics. I introduced new laboratories and seminars for these disciplines: 5 labs for

Atmosphere Physics (license 4th year, Faculty of Physics), 11 for General Physics (1st year Faculty of Geology and Faculty of Geochemistry), 4 seminars (license 4th year, Faculty of Physics), 4 labs for Solid State Physics (license 3rd year Faculty of Physical Chemistry). Some of these laboratories works were included in the book entitled "Fizică generală. Lucrări de aborator. Întrebări. Probleme", Editura Gama, Iaşi, 1997, 150 p, ISBN 973-979-37-9-7, Felicia Iacomi, Diana Mardare, Mihaela Bucescu.

The scientific activity was developed in the frame of 13 scientific projects. I was responsible for the study of the electrical, magnetic and optical properties of natural and synthetic zeolites modified by different chemical treatments. I published on this subject 14 papers and I participated to important national and international conferences. I finished my PhD thesis and got PhD in 1999 and in 2001 I published the my original results in "Zeoliţii Naturali. Structură. Proprietăţi. Utilizări" Ed. Universităţii Aurel Vlaicu Arad, 2001, author Felicia Iacomi.

In 2003 I was invited to give a lecture entitled "The Science of the Advanced Zeolite Materials" at Summer School "Physics of Advanced Materials" organized at Univ."Aristotle" Thessaloniki, Greece.

As a member of the semiconductor research team, I was involved in the experimental work on semiconductor thin films and heterojunctions.

01/10/2003–01/10/2007 **Associate professor**

Faculty of Physics, Alexandru Ioan Cuza University, Iasi (Romania)

In 2003 I become an associate professor and I had new classes, laboratories and seminars of Materials Technology (license 4th year Technological Physics), Magnetic Nuclear Resonance in medicine and biology (Master II, section Medical Physics and Biophysics), Actual Problems of Metals and Alloys Physics (Master II, section Advanced Materials and Nanotechnologies), Advanced Materials (Master II,section Advanced Materials and Nanotechnologies), Physical Processes in Nanostructured Materials, Nanotechnologies (Master II, section Advanced Materials and Nanotechnologies), Methods for the Study of Crystalline Structure of Solid State (Master I, section Advanced Materials and Nanotechnologies) and Solid State Physics (license 3rd year Faculty of Physical Chemistry). I introduced new labs and seminars for these new courses: 10 labs for Materials Technology, 7 labs for Methods for the Study of Crystalline Structure of Solid State, 6 labs for Solid State Physics.

In this period I was involved in 13 research projects. For five of them I was responsible as a Manager. The research activity was focused on functional materials for advanced applications in optoelectronics, smart textiles, catalysis (methanation reaction), organic electronics. As a member of a research team I was involved in research studies on magnetism of clusters in interaction, on functional properties of titanium dioxide and on transport phenomena in semiconductor thin films.

I gived talks and lectures on subjects of my research topics:

- Structural properties of advanced zeolite materials, F. Iacomi, Summer School "Physics of Advanced Materials", 2004, "Aristotle" University, Thessaloniki, Greece;
- Zeolite materials as host matrices for semiconductor clusters, Summer School "Physics of Advanced Materials", 2004, "Aristotle" University, Thessaloniki, Greece;
- The effect of Cr and Fe doping on the magnetic and hydrophilic properties of titania, 2005, Technishe Universitat from Braunschweig, Germany;
- Studies on Some Oxide Diluted Magnetic Semiconductors, 2007, 8th IBWAP Constanta.

The research results are the subject of 13 scientific papers published in important journals: Surface Science, Thin Solid Films, Applied Surface Science, Physica Status Solidi, Materials Science and Engineering, etc. and were disseminated in national and international conferences (CAS, ICPAM, EMRS, ECOSS, BPU etc.). I received Best Paper Award at CAS Sinaia, Romania in 2005. In 2007 I published the book Spectroscopia vibrationala a materialelor zeolitice, Ed. Stef, Iasi.

01/10/2007–Present **Professor**

Faculty of Physics, Alexandru Ioan Cuza of Iasi, Iasi (Romania)

Since 2007 I was appointed as Professor at Faculty of Physics, „Alexandru Ioan Cuza" University. I teach the courses and laboratories in Solid State Physics, Intelligent Multifunctional Materials, Low Dimensional Systems, Modern Methods in the Study of Solid State Structures, Spintronics, Transparent and Conductive Oxide Semiconductor Thin Films. I supervised 16 PhD Theses work since 2008 (8 of them got PhD). My present research field includes thin films for transparent electronics, spintronics and gas sensing, studies on nanostructured inorganic and organic semiconductors, hybrid nanocomposites for advanced applications.

I was responsible for thin films and nanostructures for advanced applications in optoelectronics, spintronics and sensors (PN-II-CT-RO-FR-2012-1-0065); Processes and devices based on oxide thin films and polymers for transparent electronics and optoelectronics (PNII 12-128/2008 ELOTRANSP); Processing and characterization of some oxide functional thin films and nanostructures for advanced applications (Theme no. 54, 04-4-1069-2009/2014 IUCN Dubna); Thin films and nanostructures for medical and spintronic applications (no. 68,Theme 04-4-1121-2015 IUCN Dubna); Synthesis and characterization of some nanoparticles, nanocomposites and thin films for medical applications (nr.70, theme 04-4-1121-2015/2017).

I gived invited talks on my research topics:

- Some Hybrid Composites for Smart Systems, ICPAM 2008 Iasi, Romania;
- Some recent developments in oxide thin films doped with 3d ions, ROCAM 2009, Brasov, Romania;
- Smart nanocomposites for functional applications, F. Iacomi, NMM 2010 Iasi, Romania;
- Introduction in ultrasound physics, Exploratory Workshop "Sonographic Investigation of joins" 2011, Apollonia University from Iasi, Romania;
- Effect of doping on the structural and functional properties of ZnO thin films, F. Iacomi, TCM-2012, Heraklion, Greece;
- Studies on the effect of Co content and UV irradiation on the structure and gas sensing properties of ZnO thin films,TIM-12 Physics Conference 2012, Timisoara,Romania;
- Functional properties of Mn doped nanostructured titanium oxide powders and thin films, TIM-13 Physics Conference 2013, Timisoara, Romania;
- Advansed nanostructures for medical applications, Congres International "Pregatim viitorul promovand excelenta", 2014, Iasi, Romania;
- Studies on some oxide nanocomposites and thin films, IBWAP 2014, Constanta, Romania;
- ESR studies on inter-particle interactions in some iron oxide nanocompositess, EMRS fall meeting 2014, Warshow, Poland;
- Oxide thin films for transparent electronic, spintronic and sensor devices TIM14 Physics Conference-Physics without frontiers 2014, Timisoara, Romania;
- Oxide Thin Films for Optoelectronic and Spintronic Devices, EMN Meeting on Optoelectronics, 2015, Beijing, China;
- Oxide Thin Films and Nanostructures for transparent electronics, spintronics and sensors, ROCAM 2015, Buchares, Romaniat;
-Materials structure and their investigation, De Montford University, 2015, Leicester, UK.

I was guest Editor for:

- Materials Science and Engineering: B, 178 (19)(2013);
- Materials Today: Proceedings, 2 (6) 2015;
- Applied Surface Science, 352, 2015.

I am a co-author to a Patent application – OSIM, entitled Resistive sensor for acetone vapor (RO129798-A2, 2014).

I was co-author to chapters 3, 4, 5 and 10 of vol I-III, Imbracaminte functionala , Editors C. Loghin, L. Ciobanu, Ed. PIM, Iasi, 2008.

EDUCATION AND TRAINING

01/10/1970–20/07/1975 **Graduated**

Section Research and Higher Education

Faculty of Physics, Babes-Bolyai University, Cluj-Napoca (Romania)

I was selected for Specialization Solid State Physics and I was involved in research activities on electron paramagnetic resonance and nuclear magnetic resonance investigations of single crystals doped with transitional elements, under the supervision of prof. dr. Alexandru Nicula. The title of my degree thesis: EPR and NMR studies on zeolite single crystals.

01/10/1978–05/06/1999 **Ph.D. in Physics**

CUM LAUDAE

Alexandru Ioan Cuza University, Iasi (Romania)

The PhD thesis entitled " Study of natural zeolite structure as a function of state parameters" under the supervision of prof.dr. Alexandru Nicula and prof.dr. Ilie D. Bursuc was focused (for the first time in Romania) on the investigation of structure, electrical, optical and magnetic properties of romanian zeolite deposits from Transilvania area, chemicaly modified, in order to find potential applications.

PERSONAL SKILLS

Mother tongue(s): romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	B1	B1	B1	B1	A2
Russian	B1	B1	B1	B1	A2
German	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

My communication skills with my colleagues, collaborators, PhD students and students were gained through my experience as a researcher, professor, conference speaker and project manager.

I established collaborations with researchers, PhD students and postdoc students from Universita della Callabria, Cosenza Italy; Technological Educational Institute of Crete, Heraklion, Greece; De Montford University, Leicester, UK; Aix Marseille University, Marseille, France,in the frame of Erasmus program and of academic agreement with Insitute of Fundamental and Frontier Sciences, University of Electronic Science and Technology of China.

I have good collaborations with researchers from Babes-Bolyai University Cluj-Napoca, Technical University Cluj-Napoca, INCDTIM Cluj-Napoca, Gheorghe Asachi Technical University Iasi, Petru Poni Institute of Macromolecular Chemistry Iasi, University of Bucharest, IMT Bucharest, METAV-CD Bucharest, West University Timisoara, Ovidius University Constanta.

Organisational / managerial skills

Job-related skills

My expertise includes deposition (magnetron sputtering, thermal vacuum evaporation, pin coating) and structural, composition and functional characterization of thin films (XRD, XPS, EPR, effect Hall, UV-VIS, etc) for transparent electronics, spintronics and gas sensing, synthesis and characterization of nanoparticles, nanostructures and hybrid nanocomposites for advanced applications.

As a tutor, I was responsible for the training of 6 postdoc students in the field of my expertise. I was responsible for the research programs of three PhD and postdoc students in the frame of Erasmus+ and Eugen Ionescu programs.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Independent user	Independent user	Independent user

Digital competences - Self-assessment grid

I am familiar with ORIGIN, Christallographica, MindLab, XPSPEAK, Carine, etc. programs.

Published books and chapters:

1. Felicia Iacomi. Diana Mardare. Mihaela Bucescu, Fizică generală". Lucrări de laborator. Întrebări. Probleme, Editura Gama, Iaşi, 1997, 150 p, ISBN 973-979-37-9-7;
2. F. Iacomi, Spectroscopia vibraţională a materialelor zeolitice, Editura Stef, Iasi, 2007, 274 p. SBN 978-973-8961-99-9;
3. F. Iacomi, Zeoliţii naturali. Structură. Proprietăţi.Utilităţi,. Ed. Univ. „A.Vlaicu", Arad, 2001, ISBN 973-8363-13-6, 272p;
4. Co-author to chapter 3, Imbracaminte functionala - Functii inteligente ale echipamentelor de protectie", C.Loghin (editor) – vol.I. Editura PIM, Iasi, 2008, ISBN 978-606-520-126;
5. Co-author to chapter4, chapter 5 and chapter 10 Imbracaminte functionala – Modelarea si simularea functiilor de protectie", C.Loghin (editor) vol.II Editura PIM, Iasi, 2008, ISBN 978-606-520-128-6
6. Co-author to chapter 2, chapter 3 and chapter 5 Imbracaminte functionala – Proiectarea materialelor textile compozite",vol.III C.Loghin, L.Ciobanu (editori), Editura PIM, Iasi, 2008, ISBN 978-606-520-127-8.

Papers published in ISI coted journals:

1. M. Andries, D. Pricop, L. Oprica, D.-E. Creanga, F. Iacomi, The effect of visible light on gold nanoparticles and some bioeffects on environmental fungi, International Journal of Pharmaceutics, 505 (1-2) (2016) 255-261.

2. P. Pascariu, A. Airinei, M. Grigoras, L. Vacareanu, F. Iacomi, Metal-polymer nanocomposites based on Ni nanoparticles and polythiophene obtained by electrochemical method, Applied Surface Science, 352, (2015) 95-102.

3. G.G. Nedelcu, A. Nastro, L. Filippelli, M. Dobromir, F. Iacomi, Structural characterization of copolymer embedded magnetic nanoparticles, Applied Surface Science, 352 (2015) 109-116.

4. Suchea, M; Tudose, IV; Ionita, S ; Sandu; Iacomi, F; Koudoumas, E, ZnO Nanostructures for Potential Applications in Organic Solar Cells, REVISTA DE CHIMIE, 6 12 (2015) 2044-2046.

5. Al Matarneh, CM; Danac, R; Leontie, L; Tudorache, F; Petrila; Iacomi, F; Carlescu, A; Nedelcu, G; Mangalagiu, I, SYNTHESIS AND ELECTRON TRANSPORT PROPERTIES OF SOME NEW 4,7-PHENANTHROLINE DERIVATIVES IN THIN FILMS, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, 14 2 (2015) 421-431.

6. Doroftei, C.; Popa, P. D.; Iacomi, F.; L. Leontie,The influence of Zn2+ ions on the microstructure, electrical and gas sensing properties of La0.8Pb0.2FeO3 perovskite, Sensors and Actuators B: Chemical, 191 (2014) 239–245.

7.F. Tudorache, P.D. Popa, M. Dobromir, F.Iacomi, Studies on the structure and gas sensing properties of nickel-cobalt ferrite thin films prepared by spin coating, Materials Science and Engineering B , 178 (19) (2013) 1334-1338.

8.C. Doroftei, P.D. Popa, F.Iacomi, Selectivity between methanol and ethanol gas of La-Pb-Fe-O perovskite synthesized by novel method, Sensors and Actuators, A: Physical, 190 (2013) 176-180

9. C. Doroftei, P.D. Popa, F.Iacomi, The influence of nickel ions substitutes in barium stannates used as humidity capacitive sensors, Journal of Optoelectronics and Advanced Materials, 15 (1-2) (2013) 50-53

26. A.I. Amironesei, C. Tabacaru, I. Sandu, M. Cazacu, G.I.Rusu, F. Iacomi, Layered Silicone - Silver Composites, Revista de Chimie, 62 (4) (2011) 455-458

27. A. Yildiz, F. Iacomi, D. Mardare, Polaron transport in TiO(2) thin films, Journal of Applied Physics, 108(8) (2010) 083701

28. D. Mardare, F. Iacomi, N. Cornei, M. Girtan, D. Luca, Dumitru Undoped and Cr-doped TiO(2) thin films obtained by spray pyrolysis, Thin Solid Films, 518 (16) (2010) 4586-4589

29. P. Prepelita, R. Medianu, F.Garoi, N.Stefan, F.Iacomi, On the structural and electrical characteristics of zinc oxide thin films, Thin Solid Films, 518 (16) (2010) 4615-4618

30. M. Cazacu, A.Vlad, F. Iacomi, P. Budrugeac, A. Ioanid, Condensation Products of the Bifunctionalized Titanocene and Siloxane Derivatives, Materiale Plastice, 47(2) (2010) 135-140

31. .M.Cazacu, A.Vlad, M. Alexandru, P.Budrugeac, C.Racles, F.Iacomi, Polydimethyldiphenylsiloxanes/silica interconnected networks: preparation and properties evaluation, Polymer Bulletin, 64(5) (2010) 421 – 434

32. M.Cazacu,C. Racles, A. Vlad, G.Calin, D.Timpu, F.Iacomi, New experimental insights into self-organization of poly(ferrocenyl-amide-siloxane), Journal of Optoelectronics and Advanced Materials, 12(2) (2010) 294-300

33. M. Alexandru, M. Cazacu, S. Vlad, F. Iacomi, Polydimethylsiloxane-silica Composites. Influence of the Silica on the Morphology and the Surface, Thermal, Mechanical Properties, High Performance Polymers, 21(4) (2009) 379-392

34. N. Iftimie, F. Iacomi, N. Rezlescu, High performance gas sensing materials based on nanostructured zinc oxide films, Journal of Optoelectronics and Advanced Materials, 10(7) (2008) 1810-1813

35. E. Budianu, M.Purica, F. Iacomi, C.Baban, P.Prepelita, E.Manea, Silicon metal-semiconductor-metal photodetector with zinc oxide transparent conducting electrodes Thin Solid Films, 516(7) (2008) 1629-1633

36. M. Purica, F.Iacomi, C.Baban, P.Prepelita, N.Apetroaei, D.Mardare, D.Luca, Investigation of structural properties of ITO thin films deposited on different substrates Thin Solid Films, 515(24) (2007) 8674-8678

37. P.Prepelita, C.Baban, F.Iacomi, The study of the influence of Al and Sn doping on the optical and electrical properties of ZnO thin films, Journal of Optoelectronics and Advanced Materials, 9(7) (2007) 2166 – 2169

38. F. F. Iacomi, D. Mardare, M.N.Grecu, D. Macovei, I.Vida-Simiti, The influence of the substrate nature on the iron repartition in the titania matrix, Surface Science, 601(13) (2007) 2692-2695

39. F. F. Iacomi, N. Apetroaei, G. Calin, G. Zodieriu, M.M.Cazacu, C.Scarlat, V. Goian, D.Menzel, I.Jursic, J. Schoenes, Structure and surface morphology of Mnimplanted TiO2, Thin Solid Films, 515 (16) (2007) 6402-6406

40. D.Mardare, F.Iacomi, D.Luca, Substrate and Fe-doping effects on the hydrophilic properties of TiO2 thin films, Thin Solid Films, 515(16) (2007) 6474-6478

41. F. Iacomi, M. Purica, E. Budianu, P. Prepelita, D. Macovei, Structural studies on some doped CdS thin films deposited by thermal evaporation, Thin Solid Films, 515 (15) (2007) 6080-6084

59. M.Cruceanu, A.Popa, E.Popovici, A.Vasile, M.Alexandroaei, F.Iacomi, Impurificarea cu fier a sitelor moleculare de tip NaA, , Revista de Chimie, 36 8 (1985) 727-733,

Non ISI Web of Science:

60 Felicia Iacomi, Physical characterization of some semiconductor clusters encapsulated in zeolites, Bulgarian Journal of Physics, 27, Suppl. 1, p. 173-177, 2000.

61 F. Iacomi, A. Vasile, A. Caraman, Semiconductor clusters encapsulated in zeolites, Romanian Reports, 53 (9-10) (2001) 595-600,

62. F. Iacomi, M. Caraman, MnS clusters encapsulated in zeolites, Moldavian Journal of Physical Sci., N.1, (2002) 111 -115,

63. F. Iacomi, M. Purica, E. Budianu, D. Macovei, Transparent and conductive CdS thin films preparation and structural and optical investigation, , ROMJIST, 8 3, (2005) 257-268,

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64. A. Vasile, F. Iacomi, M. Caraman, Synthesis and characterization of CdS and ZnS clusters encapsulated in mordenite type zeolites, Analele Şt.Univ."Al.I.Cuza" din Iaşi, Tom XLVII, s.Fizică, (2000) 157-162

65. F. Iacomi, Nanometer-Sized Cds And Zns Clusters In Zeolites, Analele Ştiinţifice Ale Universităţii „Al.I.Cuza" Iaşi, T. XLV - XLVI, s. Fizica Stării Condensate, (1999 –2000) 287 – 291,

66. F. Iacomi, Localization, disordering and motion of water molecules in chabazite, Analele Ştiinţifice Ale Universităţii „Al.I.Cuza" Iaşi, T. XLV - XLVI, s. Fizica Stării Condensate (1999 –2000) 280 – 286,

67. F. Iacomi, A. Vasile, M. Caraman, Structural investigation of some semiconductor clustering in zeolites, , Bul. Inst. Pol. Iaşi, Tom XLVIII, Fasc.1-2 (2002) 135-140

68. D. Guta, E. Pasculete, C. Teodorescu, F. Iacomi, L. Pasare, Valorificarea superioara a carbunilor prin co-gazeificare pentru obtinerea gazului de oras, Energetica, 57 (3) (2009)132-134

69 E.Popovici, F.Iacomi, I.I.Nicolaescu, I.Bedelean, Physicochemical characterization of some natural zeolites, „ Anal. Şt. Univ."Al.I.Cuza Iaşi, Tom XXXI, s. I b, (1985) 39-43

70. N. Bohosievici, V. Pânzaru, F.Iacomi, Aspecte ale calităţii cusăturii ţevilor sudate, Metalurgia, 32 6 (1980) 296-301,

Proceedings

71. F.Iacomi, Physycal Characterization of some Semiconductor Clusters Encapsulated in Zeolites, EUROMAT99, vol.9, Interface Controlled Materials, Ed. M. Ruhle et all., Material Science, Willey, VCH, p. 169-174, ISBN: 9783527301911, 2000.

72 F. Iacomi, ESR studies of Cu^{2+} ions in chabazite single crystals, Proc. 6th Int. Conf. On the Occ., Prop. and Util. of Natural Zeolites, Thessaloniki, 3-7 June, p.137-139, 2002

73. F. Iacomi, M. Purica, E. Budianu, D. Macovei, Syntesis of the transparent and conductive CdS thin films for optoelectronic devices applications, , Proc. International Semiconductor Conference CAS 2005, October 3-5, Sinaia, Romania, Vol. IEEE 05TH8818, 2005, vol.1, pp. 161.

Prefaces:

1. Iacomi, F., Craciun, V., Popescu, S., Mueller, K., Lattuada, M., Preface, Materials Today: Proceedings 2 (6) (2015) 3789
2. Craciun, V., Iacomi, F., Dubourdieu, C., Sánchez Barrera, F., Kompitsas, M, Preface, Applied Surface Science 352 (2015) 1
3. Iacomi, F., Rusu, G., Berbezier, I., Harabagiu, V., Lupu, N., Preface, Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 178 (19) (2013) 1257-1258.

Editor:

- Materials Science and Engineering: B, 178 (19)(2013);
- Materials Today: Proceedings, 2 (6) 2015;
- Applied Surface Science, 352, 2015.

Patent:

Resistive acetone vapour sensor, to detect and measure concentration of acetone vapour in air

Patent Number: RO129798-A2

Patent Assignee: UNIV IASI CUZA ALEXANDRU IOAN

Inventor(s): DOROFTEI C; IACOMI F D.