

Director SDC,

Prof. dr. habil. Niculina Daniela HĂDADE

Director CSUD,

Prof. dr. Anca-Mirela ANDREICA

Fișa de îndeplinire a standardelor minime CNATDCU pentru Abilitare

Comisia Chimie

Dr. Moldovan Bianca-Elena (n. luoras)

Tabel centralizator

Standarde*	Minimale (cumulative) CNATCDU	Îndeplinite de candidat	Îndeplinirea criteriilor CNATCDU
N_{max} = primele maxim N lucrări, organizate în ordinea descrescătoare a factorilor de impact a revistelor în care au fost publicate	50	50	
FIC = factor de impact cumulat minimal al revistelor în care s-au publicat lucrările în cauză	100	216,3	216%
FICD = factor de impact cumulat minimal din publicații din domeniile de cercetare declarate ^a	70	118,8	169,7%
FIC_{AP} = factor de impact cumulat minimal din publicații în calitate de autor principal (prim-autor și autor de corespondență)	50	99,5	199%
FIC_{AC} = factor de impact cumulat minimal din publicații în calitate de autor de corespondență	25	48,2	192,8%
h-index	13	23	DA

* Categorie Profesor / CSI / Abilitare - în conformitate cu Anexa nr. 4 - COMISIA CHIMIE din Anexa la Ordinul ministrului Educației Naționale și Cercetării Științifice nr.

6.129/20.12.2016 privind aprobarea standardelor minime necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior, publicat în Monitorul Oficial, Partea I, nr. 123 din 15 februarie 2017

^a Domenii de cercetare declarate: Chimia compusilor naturali cu aplicații în știința alimentelor, a nanomaterialelor hibride și medicina, Chimie verde, Nanostiinte, Biomateriale
La calculul FICD au fost luate în considerare doar articolele publicate în reviste indexate WoS în domeniul Chimie

Dr. Moldovan Bianca

Lista celor $N_{\max} = 50$ lucrări selectate (listate în ordinea descrescătoare a factorului de impact al revistei)

Nr. crt.	Titlu articol	Autori	Revista	Domeniile Web of Science/Quartila	IF 2025 (FIC)	IF (AP)	IF (AC)	IF (D)	Număr citări**
1	Goji-Berry-Mediated Green Synthesis of Gold Nanoparticles and Their Promising Effect on Reducing Oxidative Stress and Inflammation in Experimental Hyperglycemia	L. David, V. Morosan, B. Moldovan* , G. A. Filip, I. Baldea	<i>Antioxidants</i> , 2023 , 12(8), 1489 10.3390/antiox1208149	Chemistry , Medicinal; Food Science & Technology Q1 (TOP 10)	8,2	8,2	8,2	8,2	8
2	Effects of Gold Nanoparticles Functionalized with Bioactive Compounds from <i>Cornus mas</i> Fruit on Aorta Ultrastructural and Biochemical changes in Rats on a Hyperlipid Diet -A Preliminary Study	R. Moldovan, D. R. Mitrea, A. Florea, I. C. Chiș, Ș. Suciuc, L. David, B. E. Moldovan , L. E. Mureșan, M. Lenghel, R. A. Ungur, R. V. Oprea, N. Decea S. V. Clichici	<i>Antioxidants</i> , 2022 , 11, 1343 10.3390/antiox11071343	Chemistry , Medicinal; Food Science & Technology Q1 (TOP 10)	8,2	-	-	8,2	18
3	Effects of <i>in vitro</i> gastrointestinal digestion on the antioxidant capacity and anthocyanin content of Cornelian cherry fruit extract	L. David, V. Danciu, B. Moldovan* , A. Filip	<i>Antioxidants</i> , 2019 , 8(5), 114 10.3390/antiox8050114	Chemistry , Medicinal; Food Science&Technolog Q1 (TOP 10)	8,2	8,2	8,2	8,2	82
4	Biosynthesis of silver nanoparticles using <i>Sambucus nigra</i> L. fruit extract for targeting cell death in oral dysplastic cells	G.A. Filip, A. Florea, D. Olteanu, S. Clichici, L. David, B. Moldovan* , M. Cenariu, I. Scrobota, M. Potara, I. Baldea	<i>Materials Science and Engineering C</i> , 2021 , 123, 111974 10.1016/J.MSEC.2021.111974	Materials Science, Biomaterials Q1 (TOP 10)	8,1	8,1	8,1	-	23
5	Modulatory effects of <i>Cornus sanguinea</i> L. mediated green synthesized silver nanoparticles on oxidative stress, COX-2/NOS2 and NFkB/pNFkB expressions in experimental inflammation in Wistar	L. David, B. Moldovan* , I. Baldea, D. Olteanu, P. Bolfa, S. Clichici, G. A. Filip	<i>Materials Science and Engineering C</i> , 2020 , 110, 110709 10.1016/J.MSEC.2020.110709	Materials Science, Biomaterials Q1 (TOP 10)	8,1	8,1	8,1	-	40
6	Hepatoprotective effects of silymarin coated gold nanoparticles in experimental tumors	S. Clichici, L. David, B. Moldovan* , I. Baldea, D. Olteanu, M. Filip, A. Nagy, V. Luca, C. Crivii, P. Mircea, G. Katona, G. A. Filip	<i>Materials Science and Engineering C</i> , 2020 , 115, 111117 10.1016/J.MSEC.2020.111117	Materials Science, Biomaterials Q1 (TOP 10)	8,1	8,1	8,1	-	52
7	<i>In vitro</i> and <i>in vivo</i> anti-inflammatory properties of green synthesized silver nanoparticles using <i>Viburnum opulus</i> L. fruits extract	B. Moldovan , L. David, A. Vulcu, L. Olenic, M. Perde-Schrepler, E. Fischer-Fodor, I. Baldea, S. Clichici, G. A. Filip	<i>Materials Science and Engineering C</i> 2017 , 79, 720-727 10.1016/J.MSEC.2017.05.122	Materials Science, Biomaterials Q1 (TOP 10)	8,1	8,1	-	-	95

Nr. crt.	Titlu articol	Autori	Revista	Domeniile Web of Science/Quartila	IF 2025 (FIC)	IF (AP)	IF (AC)	IF (D)	Număr citări
8	<i>Viburnum opulus</i> fruit extract-capped gold nanoparticles attenuated oxidative stress and acute inflammation in carrageenan-induced paw edema model	C. Bidian, G.A.Filip, L. David, B. Moldovan , I. Baldea, D. Oltean, M. Filip, P. Bolfa, M. Potara, A.M. Toader, S. Clichici	<i>Green Chemistry Letters and Reviews</i> 2022 , 15, 319-33, 10.1080/17518253.2022.2061872	Chemistry , Multidisciplinary Q1	7,8	-	-	7,8	13
9	The impact of <i>Sambucus nigra</i> L. extract on inflammation, oxidative stress and tissue remodeling in a rat model of lipopolysaccharide-induced subacute rhinosinusitis	C.N. Tiboc Schnell, G.A. Filip, N. Decea, R. Moldovan, R. Opris, S.C. Man, B. Moldovan , L.David, F. Tabaran, D. Olteanu, A. M. Gheldiu, I. Baldea	<i>Inflammopharmacology</i> (ISSN 1568-5608) 2021 , 29, 753-769 10.1007/s10787-021-00805-y	Toxicology Q1	6,3	-	-	-	15
10	New nanomaterials for the improvement of psoriatic lesions	M. Crisan, L. David, B. Moldovan , A.Vulcu, S. Dreve, M. Perde-Schrepler, C. Tatomir, A. G. Filip, P. Bolfa, M. Achim, I. Chiorean, I. Kacso, C. Berghian Grosan, L. Olenic	<i>Journal of Materials Chemistry B</i> , 2013 , 1, 3152-3158 10.1039/C3TB20476F	Materials Science, Biomaterials Q2	6,2	-	-	-	32
11	Comparative evaluation by scanning confocal Raman spectroscopy and transmission electron microscopy of therapeutic effects of noble metal nanoparticles in experimental acute inflammation	A. G. Filip, M.Potara, A. Florea, I. Baldea, D. Olteanu, P. Bolfa, S. Clichici, L. David, B. Moldovan , L. Olenic, S. Astilean	<i>RSC Advances</i> , 2015 5, 67435-67448 10.1039/C5RA10376B	Chemistry , Multidisciplinary Q2	6,1	-	-	6,1	25
12	Influence of different sweeteners on the stability of anthocyanins from Cornelian cherry juice	B. Moldovan , L. David	<i>Foods</i> , 2020 , 9, 1266 10.3390/FOODS9091266	Food Science & Technology Q1	6	6	-	-	27
13	The effect of <i>Sambucus nigra</i> L. extract and phytosynthesized gold nanoparticles on diabetic rats	R. Opris, C. Tatomir, D. Olteanu, R. Moldovan, B. Moldovan , L. David, A. Nagy, N. Decea, M. Kiss, G. A. Filip	<i>Colloids and Surfaces B: Biointerfaces</i> 2017 , 150, 192-200 10.1016/J.COLSURFB.2016.11.033	Chemistry , Physical Materials Science, Biomaterial; Biophysics Q1	5,9	-	-	5,9	74
14	Green synthesis, characterization and anti-inflammatory activity of silver nanoparticles using European black elderberry fruits extract	L. David, B. Moldovan , A. Vulcu, L. Olenic, M. Perde-Schrepler, E. Fischer, A. Florea, M. Crisan, I. Chiorean, S. Clichici, G. Filip	<i>Colloids and Surfaces B: Biointerfaces</i> 2014 , 122, 767-777 10.1016/J.COLSURFB.2014.08.018	Chemistry , Physical Materials Science, Biomaterial; Biophysics Q1	5,9	-	-	5,9	207

Nr. crt.	Titlu articol	Autori	Revista	Domeniile Web of Science/Quartila	IF 2025 (FIC)	IF (AP)	IF (AC)	IF (D)	Număr citări
15	Hybrid Material Based on <i>Vaccinium myrtillus</i> L. Extract and Gold Nanoparticles Reduces Oxidative Stress and Inflammation in Hepatic Stellate Cells Exposed to TGF- β	M. Filip, I. Baldea, L. David, B. Moldovan , G.C. Flontas, S. Macavei, D.M. Muntean, N. Decea, A.B. Tigu, S.V. Clichici	<i>Biomolecules</i> 2023 , 13(8), 1271 10.3390/biom13081271	Biochemistry & Molecular Biology; Q1	5,6	-	-	-	7
16	The Impact of Hybrid Bionanomaterials Based on Gold Nanoparticles on Liver Injury in an Experimental Model of Thioacetamide-Induced Hepatopathy	M. Filip, S. V. Clichici, M. Muntean, L. David, B. Moldovan , V.A. Toma, C. Login, Ș. M. Suci	<i>Biomolecules</i> 2025 , 15, 1068 10.3390/biom15081068	Biochemistry & Molecular Biology; Q1	5,6	-	-	-	1
17	A green approach to phytomediated synthesis of silver nanoparticles using <i>Sambucus nigra</i> L. fruits extract and their antioxidant activity	B. Moldovan , L. David, M. Achim, S. Clichici, G. A. Filip	<i>Journal of Molecular Liquids</i> , 2016 , 221, 271-278, 10.1016/J.MOLLIQ.2016.06.003	Chemistry , Physical; Physics, Atomic, Molecular & Chemical Q1 (TOP 10)	5,2	5,2	-	5,2	132
18	Influence of temperature and preserving agents on the stability of Cornelian cherries anthocyanins	B. Moldovan , L. David	<i>Molecules</i> , 2014 , 19, 8177-8188 10.3390/MOLECULES19068177	Chemistry , Multidisciplinary Q2	5,1	5,1	-	5,1	40
19	Degradation kinetics of anthocyanins from European cranberrybush (<i>Viburnum opulus</i> L.) fruits extracts. Effects of temperature, pH and storage solvent	B. Moldovan , L. David, C. Chișbora, C. Cimpoiu	<i>Molecules</i> , 2012 , 17, 11655-11666 10.3390/MOLECULES171011655	Chemistry , Multidisciplinary Q2	5,1	5,1	-	5,1	81
20	Green-Synthesized Rutin-Capped Gold Nanoparticles Attenuate Experimental Liver Fibrosis by Targeting Oxidative Stress and TGF- β Signaling	R. M. Decea, I. Baldea, G. A. Filip, L. David, B. Moldovan , V. Toma, C.-A. Moldoveanu, M. Muntean, S. V. Clichici	<i>Nanomaterials</i> , 2026 , 16, 379 10.3390/nano16060379	Chemistry , Multidisciplinary Q2	4,8	-	-	4,8	1
21	Doxorubicin Incorporation into Gold Nanoparticles: An In Vivo Study of Its Effects on Cardiac Tissue in Rats	P.L. Dulf, C. Coadă, A.Florea, R. Moldovan, I. Baldea, D.V. Dulf, D.Blendea, L. David, B. Moldovan , V.I. Morosan, S. Macavei, G. A. Filip	<i>Nanomaterials</i> , 2024 , 14, 1647 10.3390/nano14201647	Chemistry , Multidisciplinary Nanoscience & Nanotechnology; Q2	4,8	-	-	4,8	5
22	Green Synthesized Gold and Silver Nanoparticles Increased Oxidative Stress and Induced Cell Death in Colorectal Adenocarcinoma Cells	C. Bidian, G.A. Filip, L. David, B. Moldovan , D. Olteanu, S. Clichici, M.C. Olanescu-Vaida-Voevod, C. Leostean, S. Macavei, D.M. Muntean, M. Cenariu, A. Albu, I. Baldea	<i>Nanomaterials</i> , 2023 , 13(7), 1251 10.3390/nano13071251	Chemistry , Multidisciplinary Nanoscience & Nanotechnology; Q2	4,8	-	-	4,8	15

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23	Effects of Gold Nanoparticles Functionalized with <i>Cornus mas</i> L. Fruit Extract on the Aorta Wall in Rats with a High-Fat Diet and Experimental-Induced Diabetes Mellitus-An Imaging Study	R. Moldovan, D.R. Mitrea, A. Florea, L. David, L.E Muresan, I.C. Chis, S.M. Suci, B.E. Moldovan , M. Lenghel, L.B. Chiriac, I. Ielciu, D. Hanganu, T. Bab, S. Clichici	<i>Nanomaterials</i> 2023 , 13(6), 1101 10.3390/nano13061101	Chemistry , Multidisciplinary Nanoscience & Nanotechnology Q2	4,8	-	-	4,8	2
24	Neurobehavioral and ultrastructural changes induced by phytosynthesized silver-nanoparticle toxicity in an in vivo rat model	R.V. Opris, V. Toma, A.M. Baci, R. Moldovan, B. Dume, A. Berghian-Sevastre, B. Moldovan , S. Clichici, L. David, G.A. Filip, A. Florea	<i>Nanomaterials</i> , 2022 , 12(1), 58 10.3390/nano12010058	Chemistry , Multidisciplinary Nanoscience & Nanotechnology; Q2	4,8	-	-	4,8	18
25	Green synthesis of biogenic silver nanoparticles for efficient catalytic removal of harmful organic dyes	L. David, B. Moldovan*	<i>Nanomaterials</i> , 2020 , 10(2), 202 10.3390/NANO10020202	Chemistry , Multidisciplinary Q2	4,8	4,8	4,8	4,8	154
26	Biosynthesis of silver nanoparticles using <i>Ligustrum ovalifolium</i> fruits and their cytotoxic effects	B. Moldovan , V. Sincari, M. Perde-Schrepler, L. David	<i>Nanomaterials</i> , 2018 , 8(8), 627 10.3390/NANO8080627	Chemistry , Multidisciplinary Q2	4,8	4,8	-	4,8	44
27	Effects of silver and gold nanoparticles phytosynthesized with <i>Cornus mas</i> extract on oral dysplastic human cells	I. Baldea, A. Florea, D. Olteanu, S. Clichici, L. David, B. Moldovan , M. Cenariu, M. Achim, R. Suharoschi, S. Danescu, A. Vulcu, G. A. Filip	<i>Nanomedicine</i> , 2020 , 15(1), 55-75 10.2217/NNM-2019-0290	Biotechnology & Applied Microbiology; Nanoscience & Nanotechnology Q2	4,6	-	-	-	32
28	Effects of silver nanoparticles functionalized with <i>Cornus mas</i> L. extract on architecture and apoptosis in rat testicle	R. Opris, V. Toma, D. Olteanu, I. Baldea, A. Baci, F. Imre-Lucaci, A. Berghian-Sevastre, C. Tatomir, B. Moldovan , S. Clichici, L. David, A. Florea, G. A. Filip	<i>Nanomedicine</i> , 2019 , 14 (3), 275-299 10.2217/NNM-2018-0193	Biotechnology & Applied Microbiology; Nanoscience & Nanotechnology Q2	4,6	-	-	-	27
29	The effects of silver nanoparticles on behavior, apoptosis and nitro-oxidative stress in offspring Wistar rats	O. Danila, A. Berghian-Sevastre, V. Dionisie, D. Gheban, D. Olteanu, F. Tabaran, I. Baldea, G. Katona, B. Moldovan , S. Clichici, L. David, G. A. Filip	<i>Nanomedicine</i> , 2017 , 12, 1455-1473 10.2217/NNM-2017-0029	Biotechnology & Applied Microbiology; Nanoscience & Nanotechnology Q2	4,6	-	-	-	35

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30	Effects of Gold Nanoparticles Phytoreduced with Rutin in an Early Rat Model of Diabetic Retinopathy and Cataracts	M. Moldovan, A.M. Papurica, M. Muntean, R.M. Bungardean, D. Gheban, B. Moldovan , G. Katona, L. David, G.A. Filip,	<i>Metabolites</i> , 2023 , 13(8), 955 10.3390/metabo13080955	Biochemistry & Molecular Biology; Q2	4,5	-	-	-	14
31	UV-light mediated green synthesis of silver and gold nanoparticles using Cornelian cherry fruit extract and their anti-inflammatory activity	G. A. Filip, B. Moldovan ¹ , I. Baldea, D. Olteanu, R. Suharoschi, N. Decea, C. M. Cismaru, E. Gal, M. Cenariu, S. Clichici, L. David ¹ These authors had equal contributions	<i>Journal of Photochemistry and Photobiology B: Biology</i> 2019 , 191, 26-37 10.1016/J.JPHOTOBIO L.2018.12.006	Biochemistry & Molecular Biology; Biophysics Q1	4	4	-	-	87
32	Quantitative Structure-Enantioselective Retention Relationships for Chromatographic Separation of Arylalkylcarbinols on Pirkletype Chiral Stationary Phases	T. Suzuki, S. Timofei, B.E. Iuoras (Moldovan) , G.Uray, P.Verdino, W.Fabian	<i>Journal of Chromatography A</i> 2001 , 922, 13-23 10.1016/S0021-9673(01)00921-9	Chemistry , Analytical Q2	4	-	-	4	57
33	Antioxidant activity of Cornelian cherry (<i>Cornus mas</i> L.) fruits extracts and the <i>in vivo</i> evaluation of their anti-inflammatory effects	B. Moldovan , A. Filip, S. Clichici, R. Suharovschi, P. Bolfa, L. David	<i>Journal of Functional Foods</i> , 2016 , 26, 77-87 10.1016/J.JFF.2016.07.004	Food Science & Technology; Q2	3,9	3,9	-	-	105
34	The impact of silver nanoparticles phytosynthesized with <i>Viburnum opulus</i> L. extract on the ultrastructure and cell death in the testis of offspring rats	C. Bidian, G.A. Filip, L. David, A. Florea, B. Moldovan , D. Popa Robu, D. Olteanu, T. Radu, S. Clichici, D.R. Mitrea, I. Baldea	<i>Food and Chemical Toxicology</i> , 2021 , 150, 112053 10.1016/j.fct.2021.112053	Food Science & Technology Toxicology Q2	3,2	-	-	-	14
35	The <i>in vivo</i> modulatory effects of <i>Cornus mas</i> extract on photodynamic therapy in experimental tumors	I. P. Laszlo, M. R. Laszlo, V. Toma, I. Bâldea, D. Olteanu, L. David, B. Moldovan , R.M. Ion, R. Moldovan, G. A. Filip, G. Kacso, C. Cainap, S. Clichici, A. Mureșan	<i>Photodiagnosis and Photodynamic Therapy</i> , 2020 , 30, 101656 10.1016/J.PDPDT.2020.101656	Oncology Q3	2,7	-	-	-	5
36	Gold nanoparticles phytoreduced with <i>Cornus mas</i> extract mitigate some of gliadin effects on Caco-2 cells	E.M. Domsa, G. A. Filip, D. Olteanu, I. Baldea, S. Clichici, A. Muresan, L. David, B. Moldovan , I. Para, M. Suci, M. Achim, V. Negrean, V. Andreica	<i>Journal of Physiology and Pharmacology</i> , 2020 , 71, 201-212 10.26402/JPP.2020.2.04	Physiology Q3	2,5	-	-	-	8

Nr. crt.	Titlu articol	Autori	Revista	Domeniile Web of Science/Quartila	IF 2025 (FIC)	IF (AP)	IF (AC)	IF (D)	Număr citări
37	Bioactive flavonoids from <i>Cornus mas</i> L. fruits	B. Moldovan , L. David	<i>Mini-Reviews in Organic Chemistry</i> , 2017 14 (6), 489-495 10.2174/1573398X13666170426102809	Chemistry, Organic Q2	2,4	2,4	-	2,4	10
38	Study of the antioxidant property variation of Cornelian cherry fruits during storage using HPTLC and spectrophotometric assays	A. Hosu, C. Cimpoiu, L. David, B. Moldovan*	<i>Journal of Analytical Methods in Chemistry</i> 2016, Article ID 2345375 10.1155/2016/2345375	Chemistry, Analytical Q3	2,1	2,1	2,1	2,1	14
39	Betanin from red beet (<i>Beta vulgaris</i> L.): Extraction conditions and evaluation of the thermal stability	A. Popa, B. Moldovan , L. David	<i>Revista de Chimie</i> 2015, 66, 413-416	Chemistry, Multidisciplinary; Q3	1,7	-	-	1,7	8
40	The influence of storage on the total phenols content and antioxidant activity of the Cranberrybush (<i>Viburnum opulus</i> L.) fruits extract	B. Moldovan , O. Ghic, L. David, C. Chișbora	<i>Revista de Chimie</i> 2012, 63, 463-464	Chemistry, Multidisciplinary Q3	1,7	1,7	-	1,7	27
41	Sinteza ipsenolului și ipsdienolului, componenți feromonali de agregare ai unor <i>Scolytidae</i>	I. Vasian, I. Oprean, L. Oprean, B. Moldovan , V. Mihalciuc	<i>Revista de Chimie</i> 2007, 58, 296-299	Chemistry, Multidisciplinary Q3	1,7	-	-	1,7	-
42	Total phenolics, anthocyanins, antioxidant and pro-oxidant activity of some red fruits teas	B. Moldovan , A. Hosu, L. David, C. Cimpoiu	<i>Acta Chimica Slovenica</i> 2016, 63, 213-219 10.17344/ACSI.2015.1421	Chemistry, Multidisciplinary Q4	1,2	1,2	-	1,2	19
43	The evaluation and authentication of red fruits teas by high performance thin-layer chromatography fingerprinting	L. David, A. Hosu, B. Moldovan , C. Cimpoiu	<i>Journal of Liquid Chromatography & Related Technologies</i> 2014, 37 (12), 1644-1653 10.1080/10826076.2013.803206	Chemistry, Analytical Q4	1,1	-	-	1,1	8
44	Effects of storage temperature on the total phenolic content of Cornelian cherry (<i>Cornus mas</i> L.) fruits extracts	B. Moldovan , A. Popa, L. David	<i>Journal of Applied Botany and Food Quality</i> , 2016, 89, 208 10.5073/JABFQ.2016.089.026	Plant Sciences Q4	0,8	0,8	-	-	46

Nr. crt.	Titlu articol	Autori	Revista	Domeniile Web of Science/Quartila	IF 2025 (FIC)	IF (AP)	IF (AC)	IF (D)	Număr citări
45	Influence of different sweeteners on the total anthocyanin content of homemade forest fruit jam	B. Moldovan, L. David	<i>Studia Universitatis "Babeş-Bolyai" Chemia</i> 2025 , 70(3), 107-114 10.24193/subbchem.2025.3.07	Chemistry, Multidisciplinary Q4	0,6	0,6	-	0,6	-
46	Optimization of the eco-friendly synthesis of silver nanoparticles using goji berries' bioactive compounds	L. David, B. Moldovan*	<i>Studia Universitatis "Babeş-Bolyai" Chemia</i> 2022 , 63, 37-44 10.24193/subbchem.2022.3.03	Chemistry, Multidisciplinary Q4	0,6	0,6	0,6	0,6	-
47	Effect of some antioxidant additives on the degradation of Cornelian cherry anthocyanins	B. Moldovan, L. David	<i>Studia Universitatis "Babeş-Bolyai" Chemia</i> , 2020 , 65, 83-92 10.24193/SUBBCHEM.2020.1.07	Chemistry, Multidisciplinary Q4	0,6	0,6	-	0,6	3
48	Degradation kinetics of anthocyanins during heat treatment of wild blackthorn (<i>Prunus spinosa</i> L.) fruits extract	B. Moldovan, A. Ardelean, L. David	<i>Studia Universitatis "Babeş-Bolyai" Chemia</i> 2019 , 64(2), 401-410 10.24193/SUBBCHEM.2019.2.34	Chemistry, Multidisciplinary Q4	0,6	0,6	-	0,6	3
49	Impact of thermal treatment on the antioxidant activity of Cornelian cherries extract	B. Moldovan, L. David, S. C. Man	<i>Studia Universitatis "Babeş-Bolyai" Chemia</i> , 2017 , 62(2), 311-317	Chemistry, Multidisciplinary Q4	0,6	0,6	-	0,6	6
50	Antioxidant activity and total phenolic content of some commercial fruit-flavored yogurts	B. Moldovan, B. Iasko, L. David	<i>Studia Universitatis "Babeş-Bolyai" Chemia</i> 2016 , 61(3), 101-108	Chemistry, Multidisciplinary Q4	0,6	0,6	-	0,6	8
Total					216,3	99,5	48,2	118,8	h-index 23

* Autor de corespondență, ** citările articolelor evidențiate au contribuit valoarea indicelui Hirsch (h-index)

Director SDC,

Prof. dr. habil. Niculina Daniela HĂDADE

Director CSUD,

Prof. dr. Anca-Mirela ANDREICA

Cluj-Napoca,
Septembrie 2026

Dr. Bianca Moldovan

