

Publication List -Selection-

PhD thesis:

PhD Thesis Title: "Utilizarea carbonaților organici pentru protejarea grupei amino- și activarea grupei carboxil ale aminoacizilor în sinteze de peptide" teză de doctorat, Ed. Politehnica Timișoara, **2007**, ISSN:1842-8444, ISBN:978-973-625-431-4 - Universitatea Politehnica Timișoara;

Books

Nr. crt.	Book Title/Publisher
1.	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA https://www.routledge.com/Natural-Products-and-Medicinal-Properties-of-Carpathian-Romanian-Plants/Segneanu/p/book/9781032219035

Book Chapters:

Nr. crt.	Book Title/Publisher	Book chapter title	Authors
1	Advanced materials for wastewater treatment, Editor(s): Norzita Ngadi, R.A. Ilyas, Nur Hafizah Ab Hamid, S.M. Sapuan in Woodhead Publishing in Materials, Publishing, 2025, 1-26, ISBN 9780443336355, 2025 Elsevier Ltd	Advanced Composite Materials for Wastewater Treatment, Woodhead	Segneanu, A.E.; Buema, G.; Grozescu, G.; Herea, D.D.;
2	Advanced Nanotechnology in Plants: Methods and Applications, 2024 , (ed. Jen-Tsung Chen), CRC Press, Taylor & Francis Group, LLC, USA, DOI: 10.1201/9781003368571, ISBN 9781003368571 (https://www.taylorfrancis.com/chapters/edit/10.1201/b23308-11/phyto-carrier-systems-based-nanoparticles-adina-elena-segneanu)	Phyto-carriers systems based on nanoparticles	Segneanu A.-E.
3	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Medicinal Plants of the Romanian Carpathian Mountains	Segneanu A.E.
4	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Alliaceae J.G. Agardh Family	Bejenaru, C.; Radu, A.; Mogoșanu, G.D.; Bejenaru, L.E.; Bită, A.; Segneanu A.E.
5	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Amaryllidaceae Juss. Family	Bejenaru, C.; Radu, A.; Mogoșanu, G.D.; Bejenaru, L.E.; Bită, A.; Segneanu A.E.
6	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Apiaceae (Lindl.) (Umbelliferae Juss.) Family	Bejenaru, C.; Radu, A.; Mogoșanu, G.D.; Bejenaru, L.E.; Bită, A.; Segneanu A.E.

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7	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Asteraceae Martinov (Compositae Adans.) Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
8	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Boraginaceae Adans. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
9	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Caprifoliaceae Adans. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
10	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Caryophyllaceae Juss. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
11	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Cistaceae Adans. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
12	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Corylaceae Mirb. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
13	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Cupressaceae Gray Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
14	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Dipsacaceae Juss. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
151	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Elaeagnaceae Adans. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
16	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Equisetaceae Michx. ex DC. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
17	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Ericaceae Juss. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
18	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Euphorbiaceae Juss. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
19	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Fabaceae Lindl. (Leguminosae Adans.) Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
20	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN	Fungi	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.;

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	9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA		Bită,A.; Segneanu A.E.
21	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Gentianaceae Juss. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
22	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Hypericaceae Juss. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
23	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Lamiaceae Martinov (Labiatae Adans.) Family in	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
24	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Liliaceae Adans. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
25	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Lycopodiaceae Pal. ex Mirb. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
26	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Papaveraceae Adans. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
27	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Plantaginaceae Juss. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
28	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Polypodiaceae Bercht. et J. Presl Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
29	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Ranunculaceae Adans. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
30	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Rhamnaceae Juss. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
31	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Rosaceae Juss. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
32	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Rubiaceae Juss. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
33	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Saxifragaceae Juss. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
34	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants	Scrophulariaceae Juss. Family	Bejenaru, C.; Radu, A.;

	edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA		Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
35	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Solanaceae Adans. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
36	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Thymelaeaceae Adans. Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
37	Natural Products and Medicinal Properties of Carpathian (Romanian) Plants edited by Adina-Elena Segneanu (Publication date: 30 April 2024 ; ISBN 9781032219080), CRC Press Taylor&Francis Group, Boca Raton, USA	Violaceae Batsch Family	Bejenaru, C.; Radu, A.; Mogoşanu, G.D.; Bejenaru, L.E.; Bită,A.; Segneanu A.E.
38	Pharmacognosy - Medicinal Plants, (eds) Perveen S., Al-Taweel A., IntechOpen, 2019 , DOI: 10.5772/intechopen.82477	Therapeutic use of some Romanian medicinal plants	Segneanu A.-E., Cepan C., Grozescu I., Cziple F., Olariu S., Ratiu S., Lazar V., Sorin Murariu M., Velcirov S.M., Marti T. D.
39	Amino Acid - New Insights and Roles in Plant and Animal, 9Eds) Asao T. Asaduzzaman Md., 2017 , IntechOpen, ISBN 978-953-51-3242-4, DOI: 10.5772/66064	Bioactive molecules profile from natural compounds	A. E. Segneanu, Velcirov S., Olariu S., Cziple F., Damian D., Grozescu I.,
40	Biomass Now - Sustainable Growth and Use, (Ed) by Darko Matovic M., 2013 , IntechOpen, ISBN 978- 953-51-1105-4, InTech, April 4,	Biomass extraction methods	Segneanu A. E., F. Cziple, P. Vlazar, P. Sfirloaga, I. Grozescu, V. D. Gherman
41	Corrosion Resistance (Ed). Shih H., 2012 , IntechOpen, ISBN 978-953-51-0467-4	Comparative study of porphyrin systems used as corrosion inhibitors	Segneanu A.E., I. Balcu, N. Vlatanescu, Z. Urmosi C. A. Macarie
42	Macro To Nano Spectroscopy, (Ed). Uddin J., 2012 , IntechOpen, ISBN 978-953-51-0664-7	Organic compounds FT-IR spectroscopy	Segneanu A.E., A. Dabici, I. Gozescu, P. Sfirloaga, Z. Szabadai
43	Analytical Chemistry, (Ed). Krull I.S., 2012 , IntechOpen, ISBN 978-953-51-0837-5	Peptide and amino acids separation and identification from natural products	I.Neda, P. Vlazar, R.O. Pop, P. Sfarloaga, I. Grozescu, A.E. Segneanu
44	Environmental and Industrial Corrosion-Practical and Theoretical Aspects, (Ed) Valdez Salas B., Schorr M., 2012 , IntechOpen, ISBN 978-953-51-0877-1	A comparative study between different corrosion protection layers	Segneanu A.E., Balcu I., Sfirloaga P., Vlatanescu N., Grozescu I.
45	Progress in Biomass and Bioenergy Production, (Ed) Shaukat S.S., 2011 , IntechOpen, ISBN 978-953-307-491-7	Combined microwave-acid pretreatment of the biomass	Balcu I., C.A. Macarie, A.E.Segneanu, R.O. Pop

ISI articles published in peer-reviewed journals

Nr	Journal	Title	Authors	Impact factor
1	<i>Plants</i> 2026,			
2	<i>Plants</i> 2026, 15, 461.	Standardization of Romanian <i>Galeopsis tetrahit</i> Leaf Extract in Verbascoside Using a Validated UHPLC–PDA Method.	Golu, R.M.; Bejenaru, L.E.; Biță, A.; Bejenaru, C.; Segneanu, A.-E. ; et.al	4.1
3	<i>Plants</i> 2025, 14, 3190	Polyphenols Investigation and In Vitro Antioxidant Capacity of Romanian Wild-Grown <i>Geranium</i> spp. (<i>Geraniaceae</i>)	Bejenaru, C.; Segneanu, A.-E. ; Biță, A.; Bejenaru, L.E.; Hovanet, M.-V.; Ciocîlteu, M.V.; Tîrnă, A.C.; Blendea, A.; Mogoșanu, G.D.	4.1
4	<i>Int. J. Mol. Sci.</i> 2025 , 26, 10050	<i>Portulaca oleracea</i> Extract Modulates Diet-Dependent Neuroplasticity in a Murine Model of MCD-Induced NAFLD and Depression	Mitran, S.I.; Mușat, M.I.; Bejenaru, C.; Mogoșanu, G.D.; Boboc, I.K.Ș.; Tudorașcu, R.-I.; Târtea, G.; Zlătian, O.M.; Blendea, A.; Biță, A.; Segneanu, A.E.et.al	4.9
5	<i>Pharmaceutics</i> 2025, 17, 1189.	Sprayable Hybrid Gel with Cannabidiol, Hyaluronic Acid, and Colloidal Silver: A Multifunctional Approach for Skin Lesion Therapy.	Cîrloiu, G.-S.; Segneanu, A.-E. ; Bejenaru, L.E.; Văruț, M.C.; Bălășoiu, R.M.; Călina, D.; Stoian, A.-C.; Bălușescu, G.; Herea, D.-D.; Ciocîlteu, M.V.; et al.	5.50
6	<i>Polymers</i> 2025 , 17, 2163.	Design and Evaluation of a <i>Inonotus obliquus</i> –AgNP–Maltodextrin Delivery System: Antioxidant, Antimicrobial, Acetylcholinesterase Inhibitory and Cytotoxic Potential.	Stanoiu, A.-M.; Bejenaru, C.; Segneanu, A.-E. ; Vlase, G.; Bradu, I.A.; Vlase, T.; Mogoșanu, G.D.; Ciocîlteu, M.V.; Biță, A.; Kostici, R.; et al.	4.90
7	<i>Polymers</i> 2025 , 17, 2026	Advancements in Hydrogels: A Comprehensive Review of Natural and Synthetic Innovations for Biomedical Applications	Segneanu, A.-E. ; Bejenaru, L.E.; Bejenaru, C.; Blendea, A.; Mogoșanu, G.D.; Biță, A.; Boia, E.R.	4.90
8	<i>Pharmaceutics</i> 2025 , 17, 751	Design and Evaluation of a <i>Zingiber officinale</i> –Kaolinite–Maltodextrin Delivery System: Antioxidant, Antimicrobial, and Cytotoxic Activity Assessment.	Segneanu, A.-E. ; Bradu, I.A.; Vlase, G.; Vlase, T.; Bejenaru, C.; Bejenaru, L.E.; Mogoșanu, G.D.; Ciocîlteu, M.V.; Herea, D.-D.; Boia, E.R.	5.50
9	<i>Pharmaceuticals</i> 2025 , 18, 599	Phenolic Acid Investigation and In Vitro Antioxidant and Antiacetylcholinesterase Potentials of <i>Galeopsis</i> spp. (<i>Lamiaceae</i>) from Romanian Flora	Golu, R.M.; Bejenaru, C.; Bejenaru, L.E.; Segneanu, A.-E. ; Biță, A.; Radu, A.; Tîrnă, A.C.; Ciocîlteu, M.V.; Mogoșanu, G.D.; Neamțu, J.; et al.	4.80
10	<i>Gels</i> 2025 , 11, 268.	Advanced Aerogels for Water Remediation: Unraveling Their Potential in Fats, Oils, and Grease Sorption—A Comprehensive Review	Segneanu, A.-E. ; Herea, D.-D.; Buema, G.; Bradu, I.A.; Cepan, M.; Grozescu, I	5.30
11	<i>Sci Rep</i> 2025 , 15, 8694	Wild grown <i>Portulaca oleracea</i> as a novel magnetite based carrier with in vitro antioxidant and cytotoxicity potential	Segneanu, AE. , Vlase, G., Marin, C.N. <i>et al.</i>	3.90
12	<i>Polymers</i> 2025 , 17, 482	Wild-Grown Romanian <i>Eupatorium cannabinum</i> : Advancing Phyto-Nanocarriers via Maltodextrin	Vlase, G.; Segneanu, A.-E. ; Bejenaru, L.E.; Bradu, I.A.; Sicoe, C.; Vlase, T.; Mogoșanu, G.D.; Buema,	4.90

		Micro-Spray Encapsulation—Metabolite Profiling, Antioxidant, Antimicrobial, and Cytotoxicity Insights.	G.; Herea, D.-D.; Ciocîlteu, M.V.; et al.	
13	<i>Appl. Sci.</i> 2025 , <i>15</i> , 1235	Phenolic Acid Profile and In Vitro Antioxidant and Anticholinesterase Activities of Romanian Wild-Grown <i>Acer</i> spp. (<i>Sapindaceae</i>).	Bejenaru, C.; Segneanu, A.-E. ; Bejenaru, L.E.; Biță, A.; Radu, A.; Mogoșanu, G.D.; Ciocîlteu, M.V.; Manda, C.V.	2.50
14	<i>Gels</i> 2025 , <i>11</i> , 61	Thermoresponsive gels with rosemary essential oil: a novel topical carrier for antimicrobial therapy and drug delivery applications	Bejenaru, L.E.; Segneanu, A.-E. ; Bejenaru, C.; Bradu, I.A.; Vlase, T.; Herea, D.-D.; Văruț, M.C.; Bălășoiu, R.M.; Biță, A.; Radu, A.; et al.	5.30
15	<i>Appl. Sci.</i> 2025 , <i>15</i> , 681	Seasonal variations in chemical composition and antibacterial and antioxidant activities of <i>Rosmarinus officinalis</i> L. essential oil from southwestern Romania	Bejenaru, L.E.; Segneanu, A.-E. ; Bejenaru, C.; Biță, A.; Tuțulescu, F.; Radu, A.; Ciocîlteu, M.V.; Mogoșanu, G.D.	2.50
16	<i>Polymers</i> 2024 , <i>16</i> , 3469	Novel nanocomposites and biopolymer-based nanocomposites for hexavalent chromium removal from aqueous media	Segneanu, A.E. ; Bradu, I.A.; Calinescu, M.S.; Vlase, G.; Vlase, T.; Herea, D.-D.; Buema, G.; Mihailescu, M.; Grozescu, I.	4.90
17	<i>Antibiotics</i> 2024 , <i>13</i> , 911.	Insight into Romanian wild-grown <i>Heracleum sphondylium</i> : development of a new phytocARRIER based on silver nanoparticles with antioxidant, antimicrobial and cytotoxicity potential	Segneanu A.E. Vlase, G.; Vlase, T.; Bejenaru, L.E.; Mogoșanu, G.D.; Buema, G.; Herea, D.-D.; Ciocîlteu, M.V.; Bejenaru, C.	4.30
18	<i>Molecules</i> 2024 , <i>29</i> , 4438	Polyphenols investigation and antioxidant and anticholinesterase activities of <i>Rosmarinus officinalis</i> L. species from southwest Romania flora	Bejenaru, L.E.; Biță, A.; Mogoșanu, G.D.; Segneanu, A.E. ; Radu, A.; Ciocîlteu, M.V.; Bejenaru, C.	4.60
19	<i>Gels</i> 2024 , <i>10</i> , 585	Gels for water remediation: current research and perspectives	Buema, G.; Segneanu A.E. ; Herea, D.-D.; Grozescu, I.	5.30
20	<i>Plants</i> 2024 , <i>13</i> , 2133	Innovative strategies for upcycling agricultural residues and their various pharmaceutical applications	Bejenaru, L.E.; Radu, A.; Segneanu, A.E. ; Biță, A.; Manda, C.-V.; Mogoșanu, G.D.; Bejenaru, C.	4.10
21	<i>Applied Sciences.</i> 2024 , <i>14</i> (11), 4534	Resveratrol: A review on the biological activity and applications	Bejenaru LE, Biță A, Belu I, Segneanu A.E. , Radu A, Dumitru A, Ciocîlteu MV, Mogoșanu GD, Bejenaru C.	2.50
22	<i>Polymers</i> 2024 , <i>16</i> , 1182.	Pharmaceutical applications of biomass polymers: Review of current research and perspectives	Bejenaru, C.; Radu, A.; Segneanu, A.E. ; Biță, A.; Ciocîlteu, M.V.; Mogoșanu, G.D.; Bradu, I.A.; Vlase, T.; Vlase, G.; Bejenaru, L.E..	4.90
23	<i>Plants</i> (Basel), 2024 , <i>13</i> , 734	Romanian wild-growing <i>Chelidonium majus</i> —An emerging approach to a potential antimicrobial engineering carrier system based on AuNPs: <i>in vitro</i> investigation and evaluation	Segneanu, A.E. ; Vlase, G.; Vlase, T.; Ciocalteu, M.-V.; Bejenaru, C.; Buema, G.; Bejenaru, L.E.; Boia, E.R.; Dumitru, A.; Boia, S	4.00
24	International Journal of Molecular Sciences. 2024 ; 25(3):1712	An innovative approach to a potential neuroprotective <i>Sideritis scardica</i> -clinoptilolite phyto-nanocarrier: <i>in vitro</i> investigation and evaluation	Segneanu A.E. Vlase G, Vlase T, Bită A, Bejenaru C, Buema G, Bejenaru LE, Dumitru A, Boia ER.	4.90

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ISI Proceedings

Nr. Crt.	Journal	Title	Authors
1	Proceedings of the 11th WSEAS International Conference on Sustainability in Science Engineering (SSE '09) Timisoara, Sustainability in science engineering vol II, pp.520-524, Mai 27-29, published by WSEAS Press, ISSN: 1790-2769, ISBN: 978-960-474-080-2, 2009	Study of multifunctional nanocomposites (porphyrin systems) used as corrosion inhibitors	Balcu I., Ivan A., Segneanu A.E., Macarie C., Urmosi Z., Vlătanescu N.
2	Proceedings of the 11th WSEAS International Conference on	Anticorrosive protection system based on	Balcu I., Ivan A., Segneanu A.E.,

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Dr. Adina Segneanu

