

**AVIZAT pentru Domeniul Farmacie,
Director Școala doctorală de Științe
biomedicale**

Prof. univ. dr. habil. Dana TUTUNARU

**AVIZAT pentru Domeniul Farmacie,
Director CSUD**

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**Fișa de verificare a îndeplinirii standardelor minimale naționale
elaborate de CNATDCU necesare și obligatorii pentru conferirea
atestatului de abilitare**

Anexa nr. 23 - COMISIA DE FARMACIE

*Conform Ordinului Ministrului Educației Naționale și Cercetării Științifice nr.
6129/20.12.2016*

Conf. univ. dr.farm. CATERINA NELA DUMITRU

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*Date numerice privind îndeplinirea standardelor minimale naționale, conform anexei nr. 23
ale Ordinului Ministrului Educației Naționale și Cercetării Științifice nr. 6129/20.12.2016*

Criteriu	Categorie	Standarde minimale	Grad de îndeplinire numeric	Grad de îndeplinire procentual
C1	Nr. articole ISI autor principal	10	11	110 %
C2	Nr. articole ISI coautor	5	8	160 %
C3	Index Hirsch Web of Science (ISI)	6	8	133,33 %
C4	Factor cumulat de impact autor principal (FCIAP)	10	22,104	221,04%

Doctor în Biotehnologie**Titlul tezei de doctorat:**

„Cercetări biotehnologice de obținere a unui aliment funcțional pe bază de pseudocereale”,
2013.

Conducător științific: Prof. univ. dr. Camelia Vizireanu, Universitatea „Dunărea de Jos”
Galați,

Ordinul de confirmare: OMEN 5581MD din 03.12.2013

C1. Nr. articole ISI autor principal

1. Balta, A.A.S.; Ignat, M.D.; Barbu, R.E.; **Dumitru, C.**; Radaschin, D.S.; Bulza, V.; Mateescu Costin, S.A.; Pleșea-Condratovici, C.; Baroiu, L. *Impact of Direct-Acting Antivirals on Extrahepatic Manifestations in Chronic Hepatitis C: A Narrative Review with a Hermeneutic Approach*. *Healthcare* 2025, 13, 1953, ISSN: 2227-9032, **IF(2024): 2,7**; Category Quartile: Q2. <https://doi.org/10.3390/healthcare13161953>; WOS:001557645500001; https://www.mdpi.com/search?sort=pubdate&page_no=6&page_count=50&year_from=1996&year_to=2025&journal=healthcare&view=default; <https://www.mdpi.com/2227-9032/13/16/1953/pdf>.

- AUTOR PRINCIPAL - CONTRIBUȚII EGALE CU CONTRIBUȚIA PRIMULUI AUTOR

2. **Dumitru, C.N.**; Vizireanu, C.; Bahrim, G.E.; Dinica, R.M.; Lupoae, M.; Dumitru, A.O.; Gurau, T.V. *Design and Optimization of a Plant-Based Synbiotic Beverage from Sprouted Buckwheat: A Multi-Response Approach for Enhancing Functional Properties*. *Beverages* 2025, 11, 104. ISSN: 2306-5710, **IF(2024): 2,7**; Category Quartile: Q2. <https://doi.org/10.3390/beverages11040104>, WOS:001557874000001; <https://www.mdpi.com/journal/beverages>; <https://www.mdpi.com/2306-5710/11/4/104>.

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3. Souare, M.L.; Diallo, A.O.S.; Balan, N.; Vasile, M.A.; Traore, L.; Bahrim, G.E.; Cotârlet, M.; **Dumitru, C.N.** *An Assessment of the Functional Properties of Black Amaranth Flour During Fermentation with Probiotic Lactic Acid Bacteria*. *Fermentation* 2025, 11, 414. ISSN: 2311-5637. **IF(2024): 3,3**; Category Quartile: Q2. <https://doi.org/10.3390/fermentation11070414>; WOS:001535586500001;

https://www.mdpi.com/search?sort=pubdate&page_no=3&page_count=50&year_from=1996&year_to=2025&journal=fermentation&view=default;

<https://www.mdpi.com/2311-5637/11/7/414>.

- **ULTIM AUTOR**

4. Zeinhom, A.A.; Dinica, M.R.; Lupoae, M.; Balanescu, F.; Nistor, A.; Busuioc, A.; Botezatu, A.; Furdui, B.; **Dumitru, C.** *A recent review on ethnomedicinal, phytochemical, and pharmacological activities of major astraceae family plants in the Măcin mountain national park, Romania.* Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry, 2025, 26(2), 257-274, ISSN 1582-540X, **IF (2024): 0,7**; Category Quartile: Q4.

<https://doi.org/10.29081/ChIBA.2025.641>; WOS:001522092700010;

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[https://www.researchgate.net/profile/Ahmed-](https://www.researchgate.net/profile/Ahmed-Zeinhom/publication/393405483_A_RECENT_REVIEW_ON_ETHNOMEDICINAL_PHYTOCHEMICAL_AND_PHARMACOLOGICAL_ACTIVITIES_OF_MAJOR_ASTRACEAE_FAMILY_PLANTS_IN_THE_MACIN_MOUNTAIN_NATIONAL_PARK_ROMANIA/links/6867f22de4632b045dc9d994/A-RECENT-REVIEW-ON-ETHNOMEDICINAL-PHYTOCHEMICAL-AND-PHARMACOLOGICAL-ACTIVITIES-OF-MAJOR-ASTRACEAE-FAMILY-PLANTS-IN-THE-MACIN-MOUNTAIN-NATIONAL-PARK-ROMANIA.pdf)

[Zeinhom/publication/393405483_A_RECENT_REVIEW_ON_ETHNOMEDICINAL_PHYTOCHEMICAL_AND_PHARMACOLOGICAL_ACTIVITIES_OF_MAJOR_ASTRACEAE_FAMILY_PLANTS_IN_THE_MACIN_MOUNTAIN_NATIONAL_PARK_ROMANIA/links/6867f22de4632b045dc9d994/A-RECENT-REVIEW-ON-ETHNOMEDICINAL-PHYTOCHEMICAL-AND-PHARMACOLOGICAL-ACTIVITIES-OF-MAJOR-ASTRACEAE-FAMILY-PLANTS-IN-THE-MACIN-MOUNTAIN-NATIONAL-PARK-ROMANIA.pdf](https://www.researchgate.net/profile/Ahmed-Zeinhom/publication/393405483_A_RECENT_REVIEW_ON_ETHNOMEDICINAL_PHYTOCHEMICAL_AND_PHARMACOLOGICAL_ACTIVITIES_OF_MAJOR_ASTRACEAE_FAMILY_PLANTS_IN_THE_MACIN_MOUNTAIN_NATIONAL_PARK_ROMANIA/links/6867f22de4632b045dc9d994/A-RECENT-REVIEW-ON-ETHNOMEDICINAL-PHYTOCHEMICAL-AND-PHARMACOLOGICAL-ACTIVITIES-OF-MAJOR-ASTRACEAE-FAMILY-PLANTS-IN-THE-MACIN-MOUNTAIN-NATIONAL-PARK-ROMANIA.pdf)

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5. **Dumitru, C.N.**; Mariana, L.; Budacu, C.C.; Mitea, G.; Radu, M.D.; Dumitru, A.O.; Lupoae, A.; Tatu, A.; Topor, G. *Balancing the Oral Redox State: Endogenous and Exogenous Sources of Reactive Oxygen Species and the Antioxidant Role of Lamiaceae and Asteraceae.* Dent. J. 2025, 13, 222, eISSN-2304-6767, **IF(2024): 3,1**; Category Quartile: Q2;

<https://doi.org/10.3390/dj13050222>; WOS:001496195300001;

https://www.mdpi.com/search?sort=pubdate&page_no=4&page_count=50&year_from=1996&year_to=2025&journal=dentistry&view=default;

<https://www.mdpi.com/2304-6767/13/5/222>

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6. Alina-Viorica Iancu, Nicoleta-Maricica Maftai, **Caterina Dumitru**, Liliana Baroiu, Gabriela Gurau, Alina Mihaela Elisei, Claudia Simona Stefan, Alin Laurentiu Tatu, Alexandru-Florin Iancu, Manuela Arbune. *Prevalence of multidrug resistance pathogens in dermatology: A retrospective study in Romania, 2018-2022*, Electronic Journal of General Medicine. 2024, 21(3), em582, e-ISSN: 2516-3507, **IF(2024):0,9** Category Quartile: Q3, <https://doi.org/10.29333/ejgm/14572>; WOS:001228813000002; <https://www.ejgm.co.uk/volume-21/issue-3>; <https://www.ejgm.uk/download/prevalence-of-multidrug-resistance-pathogens-in-dermatology-a-retrospective-study-in-romania-14572.pdf>.

-AUTOR CORESPONDENT

7. Liliana Baroiu, Ana Cristina Lese, Ioana Anca Stefanopol, Alina Iancu, **Caterina Dumitru**, Alexandru Bogdan Ciubara, Florin Ciprian Bujoreanu, Nicusor Baroiu, Anamaria Ciubara, Alexandru Nechifor, Lucretia Anghel, Alin Laurențiu Tatu. *The Role of D-Dimers in the Initial Evaluation of COVID-19*. Therapeutics and Clinical Risk Management 2022. 18: 323–335; ISSN 1178-203X, **IF(2022):2,8**, Category Quartile: Q3, <https://doi.org/10.2147/TCRM.S357214>; WOS:000780121000005; <https://www.dovepress.com/therapeutics-and-clinical-risk-management-i1756-j1>; <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8979569/>; <https://pmc.ncbi.nlm.nih.gov/articles/PMC8979569/pdf/tcrm-18-323.pdf>.

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8. Liliana Baroiu, Lucreția Anghel, Alin Laurențiu Tatu, Alina Iancu, **Caterina Dumitru**, Ana-Cristina Leșe, Miruna Drăgănescu, Florentina Năstase, Elena Niculeț, Silvia Fotea, Aurel Nechita, Doina Carina Voinescu and Anca Ioana Stefanopol. *Risk of hepatitis B reactivation: From biologic therapies for psoriasis to immunosuppressive therapies for COVID-19 (Review)*. EXPERIMENTAL AND THERAPEUTIC MEDICINE. 2022. 23, 385, ISSN: 1792-0981; eISSN: 1792-1015, **IF(2022)=2,7**, Category Quartile: Q3, <https://doi.org/10.3892/etm.2022.11312>; WOS:000805985300001; <https://www.spandidos-publications.com/etm/23/6>; <https://www.spandidos-publications.com/10.3892/etm.2022.11312>.

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9. **Caterina Dumitru**, Rodica Mihaela Dinică, Gabriela-Elena Bahrim, Camelia Vizireanu, Liliana Baroiu, Alina Viorica Iancu, and Miruna Drăgănescu. *New Insights into the Antioxidant*

Compounds of Achenes and Sprouted Buckwheat Cultivated in the Republic of Moldova. Applied Sciences, 2021, 11(21):10230; ISSN: 2076-3417, **IF(2021)=2,838**, Category Quartile: Q2,

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<https://www.mdpi.com/2076-3417/11/21/10230>.

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10. Liliana Baroiu, **Caterina Dumitru**, Alina Iancu, Ana-Cristina Lese, Nicușor Baroiu Miruna Drăgănescu *Factors that impact the risk of death in Clostridium difficile infection* Acta Medica Mediterranea, 2021, 37:403, ISSN: 0393-6384 eISSN 2283-9720, **IF(2021):0,147**; Category Quartile: Q4,

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<https://0h10q8np5-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000621776000062>;

<https://www.actamedicamediterranea.com/archive/2021/medica-1>;

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11. Drăgănescu Miruna, Baroiu Liliana, Iancu Alina, Modrigan M., Diaconu C., **Dumitru C.**, *Highly active antiretroviral therapy and psychiatric disorders in hiv infected patients from south-east region of Romania*, Acta Medica Mediterranea. 2020, 36: 2911-2916, ISSN: 0393-6384 eISSN 2283-9720, **IF(2020)=0,219**; Category Quartile: Q4,

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<https://0h10q8np5-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000575764600032>;

<https://www.actamedicamediterranea.com/archive/2020/medica-5/highly-active-antiretroviral-therapy-and-psychiatric-disorders-in-hiv-infected-patients-from-south-east-region-of-romania/document>.

-ULTIM AUTOR

C2. Nr. articole ISI coautor

1. Balta, A.A.S.; Ignat, M.D.; Barbu, R.E.; Baroiu, L.; Moroianu, L.A.; Lutenco, V.; Bulza, V.; Patriciu, M.; **Dumitru, C.**; Debita, M. *HBV, HCV, and HDV Triple-Infection—A Therapeutic Challenge*. *Diseases* 2025, 13, 168, ISSN: 2079-9721, **IF(2024): 3**; Category Quartile: Q2; <https://doi.org/10.3390/diseases13060168>; WOS:001515680600001; https://www.mdpi.com/search?sort=pubdate&page_no=3&page_count=50&year_from=1996&year_to=2025&journal=diseases&view=default; <https://www.mdpi.com/2079-9721/13/6/168>.
2. Vlase, CM; Iancu, AV; Stefan, CS; Draghiev, I; **Dumitru, CN**; Nistor, A; Arbune, M. *Multidrug-resistant ESKAPE Pathogens in a Romanian Secondary-Care Hospital during the COVID-19 Pandemic*. *R. J. Mil. Med.* 2025, 128(1), 51-59, ISSN 1222-5126, eISSN 2501-2312, **IF(2024):0,4**; Category Quartile: Q4, <https://doi.org/10.55453/rjmm.2025.128.1.7>; WOS:001443738900007; <https://revistamedicinamilitara.ro/article/multidrug-resistant-eskape-pathogens-in-a-romanian-secondary-care-hospital-during-the-covid-19-pandemic/>; <https://revistamedicinamilitara.ro/issue/no-1-2025-vol-cxxviii-january/>; <https://revistamedicinamilitara.ro/wp-content/uploads/2025/01/RJMM-vol-CXXVIII-nr-1-din-2025-part-7.pdf>.
3. Manuela Arbune, Alina Mihaela Calin, Alina Viorica Iancu, **Caterina Nela Dumitru** and Anca Adriana Arbune. *A Real-Life Action toward the End of HIV Pandemic: Surveillance of Mother-to-Child HIV Transmission in a Center from Southeast Romania*. *Journal of Clinical Medicine*. 2022; 11(17), 5020-5030. ISSN 2077-0383, **IF (2022):3,9**; Category Quartile: Q1, <https://doi.org/10.3390/jcm11175020>; WOS:000851876500001; <https://www.mdpi.com/2077-0383/11/17>; <https://www.mdpi.com/2077-0383/11/17/5020>.
4. Alin Laurențiu Tatu, Thomas Nadasdy, Anca Arbune, Valentin Chioncel, Carmen Bobeica, Elena Niculet, Alina Viorica Iancu, **Caterina Dumitru**, Valentin Tudor Popa, Nicolas Kluger, Victor Gabriel Clatici, Claudiu Ionut Vasile, Cristian Onisor & Alexandru Nechifor. *Interrelationship and Sequencing of Interleukins4, 13, 31, and 33 – An Integrated Systematic*

Review: *Dermatological and Multidisciplinary Perspectives*. Journal of Inflammation Research. 2022, 15, 5163–5184; ISSN: 1178-7031, **IF(2022): 4,5**, Category Quartile: Q2, <https://doi.org/10.2147/JIR.S374060>; WOS:000854024400001; <https://www.dovepress.com/journal-of-inflammation-research-i1779-j35>; <https://www.dovepress.com/interrelationship-and-sequencing-of-interleukins4-13-31-and-33--an-int-peer-reviewed-fulltext-article-JIR> <https://www.dovepress.com/article/download/78075>.

5. Rodica Mihaela Dinica, Cristina Sandu, Andreea Veronica Dediu Botezatu, Anna Cazanevscaia Busuioc, Fanica Balanescu, Maria Daniela Ionica Mihaila, **Caterina Nela Dumitru**, Bianca Furdui, Alina Viorica Iancu. *Allantoin from Valuable Romanian Animal and Plant Sources with Promising Anti-Inflammatory Activity as a Nutricosmetic Ingredient*, Sustainability, 2021. 13(8), 10170-10188, eISSN 2071-1050, **IF(2021):3,899**; Category Quartile: Q2. <https://doi.org/10.3390/su131810170>, WOS:000699856700001; https://www.mdpi.com/journal/sustainability/topical_collections/Biomass_Waste_Valorization <https://www.mdpi.com/2071-1050/13/18/10170>.

6. Liliana Baroiu, **Caterina Dumitru**, Alina Iancu, Ana-Cristina Leșe, Miruna Drăgănescu, Nicușor Baroiu, Lucreția Anghel. *COVID-19 impact on the liver*. World Journal of Clinical Cases, 2021, 9(16), 3814-3825 ISSN: 2307-8960, **IF(2021)=1,534**, Category Quartile: Q3, <https://doi.org/10.12998/wjcc.v9.i16.3814>; WOS:000660886100002; <https://www.wjgnet.com/2307-8960/full/v9/i16/3814.htm>; <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8180204/>; <https://pmc.ncbi.nlm.nih.gov/articles/PMC8180204/pdf/WJCC-9-3814.pdf>.

7. Miruna Drăgănescu, Liliana Baroiu, **Caterina Dumitru**, Alina Iancu, Diana Radaschin, Eduard Drima Polea, Carmen Bobeica, Alin Laurențiu Tatu, Elena Niculeț, Laszlo Fekete. *Perspectives on skin disorders diagnosis among people living with HIV in Southeastern* EXPERIMENTAL AND THERAPEUTIC MEDICINE. 2021, 21(1):1, ISSN 1792-0981, eISSN 1792-1015, , **IF(2021):2,751**; Category Quartile: Q3; <https://doi.org/10.3892/etm.2020.9529>; WOS:000601196800001; <https://www.spandidos-publications.com/etm/21/1>; <https://www.spandidos-publications.com/10.3892/etm.2020.9529>.

8. Giorgiana-Valentina Blaga, Carmen Lidia Chițescu, Elena Lăcrămioara Lisă, **Caterina Dumitru**, Camelia Vizireanu & Daniela Borda, *Antifungal residues analysis in various Romanian honey samples analysis by high resolution mass spectrometry*, Journal of Environmental Science and Health, Part B, 2019, 55(5), 484-494, ISSN 0360-1234, eISSN1532-4109, **IF(2019):1,990**; Category Quartile: Q2, <https://doi.org/10.1080/03601234.2020.1724016>; WOS:000512870100001; <https://www.tandfonline.com/toc/lesb20/55/5?nav=tocList>; <https://www.tandfonline.com/doi/epdf/10.1080/03601234.2020.1724016>. <https://www.tandfonline.com/doi/full/10.1080/03601234.2020.1724016>

Articol ISI perioada doctorală

1. **Caterina Brajdeș (Dumitru)**, Gabriela Bahrim, Rodica Dinică, Camelia Vizireanu. *Phenolics composition and their biochemical stability confirmation by in vitro, gastrointestinal conditions simulation, for a new functional fermented beverage based on sprouted buckwheat*, Romanian Biotechnological Letters, 2013.18(6):8832-8842 ISSN1224-5984, eISSN: 2248-3942, WOS:000330029900012, **IF(2013):0,542**; Category Quartile: Q3, <https://rombio.unibuc.ro/publications/vol-18-2013/volume-18-no-6-november-december-2013/>; <https://rombio.unibuc.ro/wp-content/uploads/2022/05/18-6-12.pdf>.

C3. Indice Hirsch**Indice Web of Science - IWS= 8**

<https://0h10q8knh-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/citation-report/75dbfecf-9757-453e-8281-55efe3ae0ea2-0177c33bbe>

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Associate Professor, PhD "Dunarea de Jos" Galati

biochimie
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	Toate	Din 2020
Referințe bibliografice	248	215
h-index	9	8
i10-index	8	8

TITLU	CITAT DE	ANUL
Allantoin from Valuable Romanian Animal and Plant Sources with Promising Anti-Inflammatory Activity as a Nutricosmetic Ingredient AVI Rodica Mihaela Dinica, Cristina Sandu, Andreea Veronica Dediu Botezatu ... Sustainability 13 (18), 10170	42	2021
Sprouted buckwheat an important vegetable source of antioxidants B Caterina, V Camelia The Annals of the University Dunarea de Jos of Galati. Fascicle VI-Food ...	41	2012

C4. Factor cumulat de impact autor principal (FCIAP) = 22,104

Nr. crt. Articole C1	Revista	Anul publicării	IF din anul publicării
1.	Healthcare	2025	2,7 (2024)
2.	Beverage	2025	2,7 (2024)
3.	Fermentation-Basel	2025	3,3 (2024)
4.	Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry	2025	0,7 (2024)
5.	Dentistry Journal	2025	3,1 (2024)
6.	Electronic Journal of General Medicine	2025	0,9 (2024)
7.	Therapeutics and Clinical Risk Management	2022	2,8 (2022)
8.	Experimental and therapeutic medicine	2022	2,7 (2022)
9.	Applied Sciences	2021	2,838 (2021)
10.	Acta Medica Mediterranea	2021	0,147 (2021)
11.	Acta Medica Mediterranea	2020	0,219 (2020)

Data
08.09.2025

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Caterina-Nela DUMITRU