

**Fișa de verificare a îndeplinirii standardelor minimale
(valabilă pentru obținerea atestatului de abilitare în Domeniul Farmacie)
(în conformitate cu O.M. 6129/20.12.2016)**

Candidat Bogdan Cătălina

Nr. Crt.	Activitatea	Tipul activităților	Standarde minimale abilitare	Note asupra metodei de calcul	Gradul de îndeplinire
0	1	2	3	4	5
		a. Articole <i>in extenso</i> in reviste cotate ISI Thomson Reuters (<i>articole în reviste cu factor de impact</i>) în calitate de autor principal	minim 10 articole	În analiză vor fi incluse articole <i>in extenso</i> originale și reviews. Autorul sau autorii principali ai unei publicații se consideră a fi oricare dintre următorii: <ul style="list-style-type: none"> a. Primul autor b. Autorul corespondent c. Alți autori, a căror contribuție este indicată explicit în cadrul publicației a fi egală cu contribuția primului autor sau a autorului corespondent d. Ultimul autor 	19 articole CRITERIU ÎNDEPLINIT
1.	Cercetare	<p>1. Moldovan, Mirela; Bogdan, Catalina; Ursu, Ioana; Ionescu, Mihaela Ileana; Crișan, Maria. Evaluation of the efficacy and characterization of an anti-acne cream containing herbal extracts. FARMACIA. 2016.64;2;217:223. WOS:000374432800010. (FI= 1.348, Q4) https://www.webofscience.com/wos/woscc/full-record/WOS:000374432800010</p> <p>2. Bogdan, Catalina; Iurian, Sonia; Tomuta, Ioan; Moldovan, Mirela. Improvement of skin condition in striae distensae: development, characterization and clinical efficacy of a cosmetic product containing Punica granatum seed oil and Croton lechleri resin extract. DRUG DESIGN DEVELOPMENT AND THERAPY. 2017. 11;521:531. doi:10.2147/DDDT.S128470. WOS:000395329300001. (FI=2.935; Q2) https://www.webofscience.com/wos/woscc/full-record/WOS:000395329300001</p> <p>3. Casian, Tibor; Bogdan, Catalina; Tarta, Diana; Moldovan, Mirela; Tomuta, Ioan; Iurian, Sonia. Assessment of oral formulation-dependent characteristics of orodispersible tablets using texture profiles and multivariate data analysis. JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS 152;47:56 doi:10.1016/j.jpba.2018.01.040. WOS:000428362000007. (FI=2.983; Q2) https://www.webofscience.com/wos/woscc/full-record/WOS:000428362000007</p> <p>4. Popescu, Mihaela; Bogdan, Cătălina; Pinte, Adela; Rugină, Dumitrița; Ionescu, Corina. Antiangiogenic cytokines as potential new therapeutic targets for resveratrol in diabetic retinopathy. DRUG DESIGN DEVELOPMENT AND THERAPY. 2018. 12;1985- 1996. 10.2147/DDDT.S156941. WOS:000437167000002. (FI=3.208, Q2) https://www.webofscience.com/wos/woscc/full-record/WOS:000437167000002</p> <p>5. Moldovan, Mirela L.; Bogdan, Catalina; Iurian, Sonia; Roman, Cecilia; Oniga, Ilioaara; Benedec, Daniela. PHENOLIC CONTENT AND ANTIOXIDANT CAPACITY OF POMACE AND CANES EXTRACTS OF SOME VITIS VINIFERA VARIETIES CULTIVATED IN ROMANIA. FARMACIA. 2020. 68; 1;15-21. 10.31925/farmacia.2020.1.3. WOS:000517816500003. (FI=1.433, Q4) https://www.webofscience.com/wos/woscc/full-record/WOS:000517816500003</p>			

6. Bogdan, Catalina; Pop, Anca; Iurian, Sonia M.; Benedec, Daniela; Moldovan, Mirela L. Research Advances in the Use of Bioactive Compounds from *Vitis vinifera* By-Products in Oral Care. *ANTIOXIDANTS*. 2020.9;6;502. 10.3390/antiox9060502. WOS:000551534100001 (IF=6.313, Q1)
<https://www.webofscience.com/wos/woscc/full-record/WOS:000551534100001>
7. Pașcalău, Violeta; Bogdan, Cătălina; Pall, Eموke; Matroș, Luminița; Pandrea, Stanca-Lucia; Suci, Maria; Borodi, Gheorghe; Iuga, Cristina Adela; Știuțuc, Rareș; Topală, Tamara; Pavel, Codruța; Popa, Cătălin; Moldovan, Mirela Liliana. Development of BSA gel/pectin/chitosan polyelectrolyte complex microcapsules for berberine delivery and evaluation of their inhibitory effect on *Cutibacterium acnes*. *REACTIVE & FUNCTIONAL POLYMERS*. 2020. 147; 104457. 10.1016/j.reactfunctpolym.2019.104457. WOS:000512484100019 (IF= 3.975, Q2)
<https://www.webofscience.com/wos/woscc/full-record/WOS:000512484100019>
8. Moldovan, Mirela Liliana; Ionuț, Iulia; Bogdan, Cătălina. COSMETIC PRODUCTS CONTAINING NATURAL BASED EMOLLIENTS FOR RESTORING IMPAIRED SKIN BARRIER: FORMULATION AND IN VIVO EVALUATION. *FARMACIA*. 2021.69;1:129- 134. 10.31925/farmacia.2021.1.17. WOS:000623961800017 (IF=1.55, Q4)
<https://www.webofscience.com/wos/woscc/full-record/WOS:000623961800017>
9. Iurian, Sonia M.; Adespei, Diana-Roxana; Pop, Anca; Fizesan, Ionel; Carpa, Rahela; Moldovan, Mirela L.; Loghin, Felicia; Achim, Marcela; Bogdan, Catalina. Development of a Mouthwash Using Freeze-Drying Technique: An Optimization Study. *APPLIED SCIENCES-BASEL*. 2021. 11;20:-9609 doi:10.3390/app11209609. WOS:000714721100001. (FI=2.838; Q2)
<https://www.webofscience.com/wos/woscc/full-record/WOS:000714721100001>
10. Iurian, Sonia; Bogdan, Catalina; Suci, Stefana; Muntean, Dana-Maria; Rus, Lucia; Berindeie, Mihaela; Bodi, Szidonia; Ambrus, Rita; Tomuta, Ioan. Milk Oral Lyophilizates with Loratadine: Screening for New Excipients for Pediatric Use. *PHARMACEUTICS*. 2022. 14;7:1342. doi:10.3390/pharmaceutics14071342. WOS:000831916500001. (FI=5.4; Q1)
<https://www.webofscience.com/wos/woscc/full-record/WOS:000831916500001>
11. Safta, Diana Antonia; Bogdan, Cătălina; Moldovan, Mirela Liliana. Vesicular nanocarriers for phytochemicals in wound care: Preparation and characterization. *PHARMACEUTICS*. 2022. 14; 5: 991. 10.3390/pharmaceutics14050991. WOS:000801509600001 (IF=5.4,Q1)
<https://www.webofscience.com/wos/woscc/full-record/WOS:000801509600001>
12. Safta, Diana Antonia; Ielciu, Irina; Raffaella Sustic; Hanganu, Daniela; Niculae, Mihaela; Cenariu, Mihai; Pall, Eموke; Moldovan, Mirela Liliana; Achim, Marcela; Bogdan, Cătălina; Tomuța, Ioan. Chemical profile and biological effects of an herbal mixture for the development of an oil-in-water cream. *PLANTS*. 2023.12;2:248. 10.3390/plants12020248. WOS:000927483800001(IF= 4.5, Q1)
<https://www.webofscience.com/wos/woscc/full-record/WOS:000927483800001>
13. Bogdan, Catalina; Hales, Dana; Cornila, Andreea; Casian, Tibor; Iovanov, Rares; Tomuta, Ioan; Iurian, Sonia. Texture analysis-A versatile tool for pharmaceutical evaluation of solid oral dosage forms. *INTERNATIONAL JOURNAL OF PHARMACEUTICS*. 2023. 638122916 1.0.1016/j.ijpharm.2023.122916. WOS:000981742000001. (FI=5.3; Q1)
<https://www.webofscience.com/wos/woscc/full-record/WOS:000981742000001>
14. Savencu, Ioana; Iurian, Sonia; Bogdan, Catalina; Spinu, Nicoleta; Suci, Maria; Pop, Anca; Toc, Alexandru; Tomuta, Ioan. Design, optimization and pharmaceutical characterization of wound healing film dressings with chloramphenicol and ibuprofen. *DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY*. 2024. 50; 5:446-459. 10.1080/03639045.2024.2339306. WOS:001202979200001. (IF=2.4,Q3)
<https://www.webofscience.com/wos/woscc/full-record/WOS:001202979200001>
15. Hales, Dana; Bogdan, Catalina; Tefas, Lucia Ruxandra; Cornila, Andreea; Chiver, Maria-Andreea; Tomuta, Ioan; Casian, Tibor; Iovanov, Rares; Katona, Gabor; Ambrus, Rita; Iurian, Sonia. Exploring Vacuum Compression Molding as a Preparation Method for Flexible-Dose Pediatric Orodispersible Films. *PHARMACEUTICALS*. 2024. 17;7:934. 10.3390/ph17070934. WOS:001277666800001. (FI=4.3, Q1)
<https://www.webofscience.com/wos/woscc/full-record/WOS:001277666800001>
16. Bogdan, Catalina; Safta, Diana Antonia; Iurian, Sonia; Petrusca, Dyana Roxana; Moldovan, Mirela-Liliana. QbD Approach in Cosmetic Cleansers Research: The Development of a Moisturizing Cleansing Foam Focusing on Thickener, Surfactants, and Polyols Content. *GELS*. 10;8:484. doi: 10.3390/gels10080484. WOS:001305505300001. (IF= 5,Q1)
<https://www.webofscience.com/wos/woscc/full-record/WOS:001305505300001>

17. Safta, Diana Antonia; Bogdan, Cătălina; Moldovan, Mirela-Liliana. SLNs and NLCs for skin applications: Enhancing the bioavailability of natural bioactives. PHARMACEUTICS. 2024. 16;10:1270. doi: 10.3390/pharmaceutics16101270. WOS:001342974800001. (FI=5.5, Q1)
<https://www.webofscience.com/wos/woscc/full-record/WOS:001342974800001>

18. Safta, Diana Antonia; Bogdan, Cătălina; Iurian, Sonia; Moldovan, Mirela-Liliana. Optimization of Film-Dressings Containing Herbal Extracts for Wound Care—A Quality by Design Approach. GELS. 2025.11; 5:322. 10.3390/gels11050322. WOS:001495625600001. (FI=5.3, 2025)
<https://www.webofscience.com/wos/woscc/full-record/WOS:001495625600001>

19. Bogdan, Cătălina; Molnar, Mara; Dima, Elena Ines; Olteanu, Andreea Alexandra; Safta, Diana Antonia; Moldovan, Mirela-Liliana. Marine Macroalgae in Topical Formulations: Bioactive Compounds, Variability, Analytical Challenges and Skin Benefits. PHARMACEUTICS. 2025.17; 9:1143. 10.3390/pharmaceutics17091143. WOS:001579891100001. (FI=5.5; 2025)
<https://www.webofscience.com/wos/woscc/full-record/WOS:001579891100001>

b. (ISI) Factor cumulată de Impact autor principal (FCIAP)

minim 10

O revistă cotate ISI este o revistă pentru care Thomson Reuters calculează și publică factorul de impact în „Journal Citation Reports”.
 Factorul cumulată de Impact va fi calculat pentru articolele la care candidatul este autor principal (FCIAP=suma factorilor de impact ai articolelor publicate de autor în calitate de autor principal în reviste cotate ISI)

75.483

CRITERIU ÎNDEPLINIT

c. Articole *in extenso* in reviste cotate ISI Thomson Reuters în calitate de coautor

minim 5 articole

18 articole

CRITERIU ÎNDEPLINIT

1. Iurian, Sonia; Tomuță, Ioan; Bogdan, Cătălina; Rusu, Lucia; Tokes, Timea; Barbu-Tudoran, Lucian; Achim, Marcela; Moldovan, Mirela; Leucuța, Sorin. Defining the design space for freeze-dried orodispersible tablets with meloxicam. Drug Development and Industrial Pharmacy. 2016;42(12):1977–1989. doi:10.1080/03639045.2016.1188108. WOS:000385567100007. (FI=2.295; Q3)

2. Casian, Tibor; Iurian, Sonia; Bogdan, Cătălina; Rus, Lucia; Moldovan, Mirela; Tomuță, Ioan. QbD for pediatric oral lyophilisates development: risk assessment followed by screening and optimization. Drug Development and Industrial Pharmacy. 2017;43(12):1932–1944. doi:10.1080/03639045.2017.1350702. WOS:000413944900003. (FI=1.883; Q3)

3. Iurian, Sonia; Dinte, Elena; Iuga, Cristina; Bogdan, Cătălina; Spiridon, Iuliana; Barbu-Tudoran, Lucian; Bodoki, Andreea; Tomuță, Ioan; Leucuța, Sorin E. The pharmaceutical applications of a biopolymer isolated from Trigonella foenum-graecum seeds: Focus on the freeze-dried matrix forming capacity. Saudi Pharmaceutical Journal. 2017;25(8):1217–1225. doi:10.1016/j.jsps.2017.09.006. WOS:000425885800017. (FI=3.11; Q2)

4. Iurian, Sonia; Bogdan, Cătălina; Tomuță, Ioan; Szabó-Révész, Piroška; Chvatal, Anita; Leucuța, Sorin E.; Moldovan, Mirela; Ambrus, Rita. Development of oral lyophilisates containing meloxicam nanocrystals using QbD approach. European Journal of Pharmaceutical Sciences. 2017;104:356–365. doi:10.1016/j.ejps.2017.04.011. WOS:000405251600035. (FI=3.466; Q2)

5. Suci, Stefana; Iurian, Sonia; Bogdan, Catalina; Iovanov, Rares; Rus, Lucia; Moldovan, Mirela; Tomuta, Ioan. QbD approach in the development of oral lyophilisates with ibuprofen for paediatric use. Farmacia. 2018;66(3):514–523. doi:10.31925/farmacia.2018.3.18. WOS:000437399100018. (FI=1.527; Q4)

6. Moldovan, Mirela L.; Iurian, Sonia; Puscas, Cristina; Silaghi-Dumitrescu, Radu; Hanganu, Daniela; Bogdan, Catalina; Vlase, Laurian; Oniga, Ilioaara; Benedec, Daniela. A design of experiments strategy to enhance the recovery of polyphenolic compounds from Vitis vinifera by-products through heat reflux extraction. Biomolecules. 2019; 9(10):529. doi:10.3390/biom9100529. WOS:000497726800021. (FI=4.082; Q2)

7. Casian, Tibor; Borbas, Eniko; Ilyes, Kinga; Demuth, Balazs; Farkas, Attila; Rapi, Zsolt; Bogdan, Catalina; Iurian, Sonia; Toma, Valentin; Stiuftuc, Rares; Farkas, Balazs; Balogh, Attila; Marosi, Gyorgy; Tomuta, Ioan; Nagy, Zsombor Kristof. Electrospun amorphous solid dispersions of meloxicam: Influence of polymer type and downstream processing to orodispersible dosage forms. INTERNATIONAL JOURNAL OF PHARMACEUTICS. 2019; 569;:-118593 doi:10.1016/j.ijpharm.2019.118593. WOS:000488123900017. (FI=4.845; Q1)

8. Colobatiu, Liora; Gavan, Alexandru; Mocan, Andrei; Bogdan, Cătălina; Mirela, Simona; Tomuță, Ioan. Development of bioactive compounds-loaded chitosan films by using a QbD approach – a novel and potential wound dressing material. *Reactive & Functional Polymers*. 2019; 138:46-54. doi:10.1016/j.reactfunctpolym.2019.02.013. WOS:000466254000006. (FI=3.333; Q2)

9. Moldovan, Mirela L.; Carpa, Rahela; Fizesan, Ionel; Vlase, Laurian; Bogdan, Catalina; Iurian, Sonia M.; Benedec, Daniela; Pop, Anca. Phytochemical Profile and Biological Activities of Tendrils and Leaves Extracts from a Variety of *Vitis vinifera* L.. *ANTIOXIDANTS*.2020. 9;5:-373 doi:10.3390/antiox9050373. WOS:000539284200016. (FI=6.313; Q1)

10. Suciu, Stefana; Iurian, Sonia; Bogdan, Catalina; Rus, Lucia; Porav, Alin Sebastian; Borodi, Gheorghe; Tomuta, Ioan. Design of experiments approach to assess the impact of API particle size on freeze-dried bulking agents. *Farmacia*. 2021; 69(2):279-289. doi:10.31925/farmacia.2021.2.13. WOS:000647682700014. (FI=1.55; Q4)

11. Savencu, Ioana; Iurian, Sonia; Porfire, Alina; Bogdan, Catalina; Tomuta, Ioan. Review of advances in polymeric wound dressing films. *Reactive & Functional Polymers*. 2021; 168:-105059. doi:10.1016/j.reactfunctpolym.2021.105059. WOS:000708567000002. (FI=4.966; Q1)

12. Crișan, Andrea Gabriela; Iurian, Sonia; Porfire, Alina; Rus, Lucia Maria; Bogdan, Catalina; Casian, Tibor; Lucacel, Raluca Ciceo; Turza, Alexandru; Porav, Sebastian; Tomuta, Ioan. QbD guided development of immediate release FDM-3D printed tablets with customizable API doses. *International Journal of Pharmaceutics*. 2022; 613:-121411. doi:10.1016/j.ijpharm.2021.121411. WOS:000742653100001. (FI=5.8; Q1)

13. Pop, Anca; Bogdan, Catalina; Fizesan, Ionel; Iurian, Sonia; Carpa, Rahela; Bacali, Cecilia; Vlase, Laurian; Benedec, Daniela; Moldovan, Mirela L.. In Vitro Evaluation of Biological Activities of Canes and Pomace Extracts from Several Varieties of *Vitis vinifera* L. for Inclusion in Freeze-Drying Mouthwashes. *ANTIOXIDANTS*. 2022; 11;2:-218 doi:10.3390/antiox11020218. WOS:000761438300001. (FI=7; Q1)

14. Toma, Ioana; Tefas, Lucia Ruxandra; Bogdan, Cătălina; Tomuță, Ioan. Development and characterization of loratadine liposomal gel using QbD approach. *Farmacia*. 2022; 20(2):216-224. doi:10.31925/farmacia.2022.2.4. WOS:000811566200004. (FI=1.6; Q4)


15. Gavan, Alexandru; Colobatiu, Liora; Hanganu, Daniela; Bogdan, Cătălina; Olah, Neli Kinga; Achim, Marcela; Mirela, Simona. Development and evaluation of hydrogel wound dressings. *Processes*. 2022; 10(2):242. doi:10.3390/pr10020242. WOS:000765125500001. (FI=3.5; Q2)

16. Iovanov, Rares; Cornila, Andreea; Bogdan, Catalina; Hales, Dana; Tomuta, Ioan; Achim, Marcela; Taut, Andrada; Iman, Nela; Casian, Tibor; Iurian, Sonia. Testing the disintegration and texture-related palatability predictions for orodispersible tablets using an instrumental tool coupled with multivariate analysis: Focus on process variables and analysis settings. *European Journal of Pharmaceutical Sciences*. 2024; 198:106801. doi:10.1016/j.ejps.2024.106801. WOS:001293693200001. (FI=4.3; Q1)

17. Safta, Diana Antonia; Vlase, Ana-Maria; Pop, Anca; Cherfan, Julien; Carpa, Rahela; Iurian, Sonia; Bogdan, Cătălina; Vlase, Laurian; Moldovan, Mirela-Liliana. Optimized *Sambucus nigra* L., *Epilobium hirsutum* L., and *Lythrum salicaria* L. extracts: Biological effects supporting their potential in wound care. *Antioxidants*. 2025; 14(5):521. doi:10.3390/antiox14050521. WOS:001495802400001. (FI=6.6; Q1)

18. Savencu, Ioana; Iurian, Sonia; Bogdan, Cătălina; Toma, Valentin; Știufuc, Rareș; Tomuță, Ioan. Development and characterization of self-adhesive polymeric films with antiallergic effect. *Polymers*. 2025; 17(13):1867. doi:10.3390/polym17131867. WOS:001526147900001. (FI=4.9; Q1)

d. Index Hirsch	minim 6		16 CRITERIU ÎNDEPLINIT
------------------------	---------	--	---



Catalina Bogdan ✓
(Bogdan, Catalina) | Iuliu Hatieganu University of Medicine and Pharmacy Cluj Napoca

[Edit](#)

Identifiers Web of Science ResearcherID: A-3521-2017

Published name Bogdan, Catalina

Organizations Iuliu Hatieganu Univ Med & Pharm
Iuliu Hatieganu University of Medicine & Pharmacy

Subject Categories Pharmacology & Pharmacy; Chemistry; Biochemistry & Molecular Biology; Engineering; Polymer Science

Metrics

Profile summary

- 45 Total documents
- 42 Publications indexed in Web of Science
- 42 Web of Science Core Collection publications
- 0 Preprints
- 0 Dissertations or Theses
- 3 Non-indexed publications
- 21 Verified peer reviews
- 0 Verified editor records
- 0 Awarded grants

Documents Peer Review

✓ **Web of Science Core Collection (42)** Non-Indexed Documents (3)

Filters: Select Filters Author Position: All Publications Sort by: Date: newest first < 1 of 1 >

42 results Manage

1 Review

Marine Macroalgae in Topical Formulations: Bioactive Compounds, Variability, Analytical Challenges and Skin Benefits 165 References

Bogdan, C; Molnar, M; (...); Moldovan, ML
Aug 31 2025 | PHARMACEUTICS 17(9)

Marine macroalgae, classified into three major groups, brown (Phaeophyceae), red (Rhodophyta), and green (Chlorophyta), represent a source of structurally diverse compounds relevant for topical applications. This narrative review of the peer-reviewed literature and r... [Show more](#)

[Free Full Text from Publisher](#)

Web of Science Core Collection metrics

- 16 H-Index
- 42 Publications
- 787 Sum of Times Cited
- 688 Citing Articles
- 712 Sum of Times Cited without self-citations
- 657 Citing Articles without self-citations
- 1 Sum of Times Cited by Patents
- 1 Citing Patents
- 0 Sum of Times Cited by Policy
- 0 Citing Policies

[View citation report](#)

Semnătura,

Cluj – Napoca,

14.01.2026