



LISTA LUCRĂRI ȘTIINȚIFICE (LIST OF SCIENTIFIC WORKS)

I. Lista portofoliu 10 articole relevante (după ultima promovare)

1. **Nastasa, V.**; Pasca, A.-S.; Malancus, R.-N.; Bostanaru, A.-C.; Ailincăi, L.-I.; Ursu, E.-L.; Vasiliu, A.-L.; Minea, B.; Hnatiuc, E.; Mares, M. Toxicity Assessment of Long-Term Exposure to Non-Thermal Plasma Activated Water in Mice. *Int. J. Mol. Sci.* 2021, 22, 11534. ISSN: 1422-0067. <https://doi.org/10.3390/ijms222111534>. WOS:000719429700001. <https://www.webofscience.com/wos/woscc/full-record/WOS:000719429700001> IF: 6.208.
2. Cozma, V.; Rosca, I.; Radulescu, L.; Martu, C.; **Nastasa, V.**; Varganici, C.-D.; Ursu, E.-L.; Doroftei, F.; Pinteala, M.; Racles, C. Antibacterial Polysiloxane Polymers and Coatings for Cochlear Implants. *Molecules* 2021, 26, 4892. <https://doi.org/10.3390/molecules26164892>. <https://www.mdpi.com/1420-3049/26/16/4892> WOS:000689841700001 <https://www.webofscience.com/wos/woscc/full-record/WOS:000689841700001> IF – 4.927.
3. Bălan GG, Roșca I, Ursu EL, Doroftei F, Bostănaru AC, Hnatiuc E, **Năstasă V**, Șandru V, Ștefănescu G, Trifan A, Mareș M. Plasma-activated water: a new and effective alternative for duodenoscope reprocessing. Published 17 May 2018 Volume 2018:11 Pages 727—733. DOI <https://doi.org/10.2147/IDR.S159243>. <https://www.dovepress.com/plasma-activated-water-a-new-and-effectivealternative-for-duodenoscop-peer-reviewed-fulltext-article-IDR>. WOS:000432383600001. <https://www.webofscience.com/wos/woscc/full-record/WOS:000432383600001> IF – 3. 443.
4. Mihai Mares, Bogdan Minea, **Valentin Nastasa**, Irina Roșca, Andra-Cristina Bostanaru, Iosif Marincu, Vasilica Toma, Violeta Corina Cristea, Carmen Murariu, Mariana Pinteala. In vitro activity of echinocandins against 562 clinical yeast isolates from a Romanian multicentre study. *Medical Mycology* 2018, Volume 56, Issue 4, Pages 442–451, ISSN 1369-3786. <https://doi.org/10.1093/mmy/myx059>. WOS:000444345000007. <https://www.webofscience.com/wos/woscc/full-record/WOS:000444345000007> IF : 2.851.
5. Oana Maria Dragostin, Florentina Lupascu, Cornelia Vasile, Mihai Mareș, **Valentin Nastasa**, Ramona Florina Moraru, Dragos Pieptu, Lenuta Profire - Synthesis and Biological

Evaluation of New 2-Azetidinones with Sulfonamide Structures. *Molecules* 2013, 18: 4140-4157, <https://www.mdpi.com/1420-3049/18/4/4140>. WOS:000318020100032. <https://www.webofscience.com/wos/woscc/full-record/WOS:000318020100032> IF - 2,095 (Q2).

6. J. Brandão, J.P. Gangneux, S. Arikani-Akdagli, A. Barac, A.C. Bostanaru, S. Brito, M. Bull, N. Çerikçioğlu, B. Chapman, M.A. Efstratiou, Ç. Ergin, M. Frenkel, A. Gitto, C.I. Gonçalves, H. Guégan, N. Gunde-Cimerman, M. Güran, L. Irinyi, E. Jonikaitė, M. Kataržytė, L. Klingspor, M. Mares, W.G. Meijer, W.J.G. Melchers, J. Meletiadis, W. Meyer, **V. Nastasa**, 2 M. Novak Babič, D. Ogunc, B. Ozhak, A. Prigitano, S. Ranque, R.O. Rusu, R. Sabino, A. Sampaio, S. Silva, J.H. Stephens, M. Tehupeiry-Kooreman, A.M. Tortorano, A. Velegriaki, C. Veríssimo, G.C. Wunderlich, E. Segal, Mycosands: Fungal diversity and abundance in beach sand and recreational waters — Relevance to human health. *Science of The Total Environment*, Volume 781, 2021, 146598, ISSN 0048-9697, <https://doi.org/10.1016/j.scitotenv.2021.146598>. WOS:000655620000014. <https://www.webofscience.com/wos/woscc/full-record/> IF: 10.753.

7. Marangoci N, Timpu D, Corciova A, Mircea C, Petrovici AR, Nicolescu A, Ursu EL, **Nastasa V**, Bostanaru AC, Mares M, Perteza M, Pinteala M. β -Cyclodextrin as a Functional Excipient Used for Enhancing the Diminazene Aceturate Bioavailability. *Pharmaceutics*. 2019 Jun 22;11(6):295. ISSN: 1999-4923. <https://doi.org/10.3390/pharmaceutics11060295>. WOS:000475330500047. <https://www.webofscience.com/wos/woscc/full-record/WOS:000475330500047> IF: 4.421.

8. Turin-Moleavin, I.-A.; Fifere, A.; Lungoci, A.-L.; Rosca, I.; Coroaba, A.; Peptanariu, D.; **Nastasa, V.**; Pasca, S.-A.; Bostanaru, A.-C.; Mares, M.; Pinteala, M. In Vitro and In Vivo Antioxidant Activity of the New Magnetic-Cerium Oxide Nanoconjugates. *Nanomaterials* 2019, 9, 1565. ISSN 2079-4991 <https://doi.org/10.3390/nano9111565>. WOS:000502271700060. <https://www.webofscience.com/wos/woscc/full-record/> IF: 4.324.

9. Florina D. Cojocar, Vera Balan, Constantin-Edi Tanase, Ionel Marcel Popa, Maria Butnaru, Ovidiu Bredetean, Mihai Mares, **Valentin Nastasa**, Sorin Pasca, Liliana Verestiuc. Development and characterisation of microporous biomimetic scaffolds loaded with magnetic nanoparticles as bone repairing material, *Ceramics International*, Volume 47, Issue 8, 2021, Pages 11209-11219, ISSN 0272-8842, <https://doi.org/10.1016/j.ceramint.2020.12.246>. WOS:000629208200001. <https://www.sciencedirect.com/science/article/pii/S0272884220338621>. <https://www.webofscience.com/wos/woscc/full-record/WOS:000629208200001> IF - 5.532.

10. Sandu Cibotaru, **Valentin Nastasa**, Andreea-Isabela Sandu, Andra-Cristina Bostanaru, Mihai Mares, Luminita Marin. Pegylation of phenothiazine – A synthetic route towards

potent anticancer drugs, Journal of Advanced Research, 2021, ISSN 2090-1232, <https://doi.org/10.1016/j.jare.2021.07.003>.
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WOS:000773635800012. <https://www.webofscience.com/wos/woscc/full-record/WOS:000773635800012> IF – 12.822.

II. Teza de doctorat

- **Năstasă Valentin**. Anestezia abdomenului și membrelor la câine. Teza de doctorat, 2004. USAMV, Iași 303 pg. *convertire: 339. Punctaj: 203,40*

III. Teza de abilitare

Năstasă Valentin. Evaluarea unor noi mijloace terapeutice prin studii de farmacologie experimentală. Teza de abilitare, decembrie 2022, USV Iași

IV. Brevete

1. Titlu: Procedeu de obținere a materialelor pe bază de nanoparticule de argint cu activitate antibacteriană. Hotărâre nr.10212 din 2023.02.09. Autori: BURDUNIUC Olga, MD: COȘERI Sergiu. RO: MAREȘ Mihai. RO: BILIUTĂ Gabriela. RO: **NĂSTASĂ Valentin RO: BOSTANARU-ILIESCU Andra-Cristina, RO**
2. Titlu: Procedeu de obținere a materialelor pe bază de nanoparticule de argint cu activitate antifungică. Hotărâre nr.10222 din 2023.02.22. Autori: BURDUNIUC Olga, MD: COȘERI Sergiu. RO: MAREȘ Mihai. RO: BILIUTĂ Gabriela. RO: **NĂSTASĂ Valentin RO: BOSTANARU-ILIESCU Andra-Cristina, RO**

V. Cărți și capitole în cărți

Singur / prim autor

1. Nastasa Valentin. Managementul durerii intra- și postoperatorii la animale, 2014 - Biblioteca :Nationala, ISBN 978-973-0-17909, pg 1-333/ *convertire: 271. Punctaj: 1084*
2. Nastasa Valentin - Farmacodinamie&Farmacocinetica Veterinara, 2016. Ed.Biblioteca Nationala-ISBN: 978-973-0-22789-5, pg. 1-288/ *convertire: 224. Punctaj: 896*
3. Nastasa Valentin. Farmacologie veterinară. 2008. Editura Performantica, ISBN: 978-973-730-474-2, pg. 589/ *convertire: 600. Punctaj: 2400*

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4. Valentin Năstasă, Robert Capota, 2023. General Veterinary Pharmacology, Ed. Ion Ionescu de la Brad, Iasi, ISBN: 978-973-147-503-5, pg. 259. *convertire: 290. Punctaj: 870*
5. Liviu Miron, Valentin Năstasă, Mihai Mareș. Terapia Antimicotica, 2008. Ed. PIM, ISBN 978-606-520-154-5, Iași, pg. 175. *convertire: 104. Punctaj: 138.67*
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7. Nastasa V, Grecu M - "Farmacologia sistemelor de reglare si control a funcțiilor organismului animal", 2015; Ed. Ion Ionescu de la Brad Iași; ISBN: 978-973-147-207-2, pg 1-665. convertire: 772. Punctaj: 1544
8. Andronie V., Maria Crivineanu, Cristin R.T., Cernea M., Nastasa V., Adriana Amfim, Narcisa Treistariu. Ghid privind utilizarea prudentă si responsabila a antibioticelor la animalele de renta. Bucuresti-2016. ISBN: 978-973-0-22995-0, pg. 119. convertire: 94. Punctaj: 54,86. https://issuu.com/maravet/docs/ghid_utilizare_antibiotice_animale
9. Nastasa Valentin. Farmacologie veterinara. 2008. Editura Performantica, ISBN: 978-973-730-474-2, pg. 589. convertire: 600. Punctaj: 600

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10. Nastasa Valentin., Farmacologie veterinară, 2005. Vol. I., Ed. Ion Ionescu de la Brad, ISBN: 973-7921-53-4/973-7921-53-2, pg. 1 – 238/ convertire: 206. Punctaj: 824
11. Nastasa Valentin, 2005. Farmacologie veterinară, 2005. Vol. II., - Ed. Ion Ionescu de la Brad, ISBN: 973-7921-53-4/ 973-7921-53-2, pg. 1 – 518// convertire: 463. Punctaj: 1852

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12. Octavian, Zaharie Oprean, coautori: V. Vulpe, M. Carp, V. Năstasă, L. Miron, L. Hrițcu, I. Bondoc. Ghid de Practică, Ed. Performantica, 2010, ISBN 978-973-730-723-1, pg. 155. convertire: 52. Punctaj: 29,71

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13. Valentin Năstasă, 2006. Farmacologie, Manual practic - colecția Stef Academic, Ed. Institutul European (coeditare), ISBN: 978-973-8961-00-5, pg. 288. convertire: 252. Punctaj: 201,60

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14. Mariana Grecu, **Nastasa V.**, 2017. Farmacie. Lucrari practice. Ed. "Ion Ionescu de la Brad" Iasi. ISBN>978-973-147-259-1, pg. 237. convertire: 238. Punctaj: 103,20
15. Cura Paul, **Valentin Năstasă**, 1997. Farmacologie, Lucrari Practice - Centrul de multiplicare al UAMV, Iași, pg. **358**. convertire: 172. Punctaj: 34,40
16. Cura Paul, **Valentin Năstasa**, 1997. Farmacologie, LP. (Colegiu Universitar Agricol, Specializarea: Igienă și laborator) - Centrul de multiplicare al UAMV, Iași, pg. **248**. convertire: 1710. Punctaj: 34,20
17. Cura Paul, **Valentin Năstasă**, Prisecaru Cornelia, 1994. Farmacologie și Receptură Veterinară, LP. Centrul de multiplicare al UAMV, Iași, pg. **317**. convertire: 182. Punctaj: 24,27

VI. Articole indexate ISI – Web of Science

a. In reviste cu factor de impact

Prim autor/corespondent/coordonator:

- Zară-Dănceanu, Camelia Mihaela, Cristina Stavilă, Anca Emanuela Minuti, Luminița Lăbușcă, **Valentin Nastasa***, Dumitru-Daniel Herea, Răzvan-Nicolae Malancus, Daniel Ghercă, Sorin-Aurelian Pasca, Horia Chiriac, and et al. 2023. "Magnetic Nanoemulsions for the Intra-Articular Delivery of Ascorbic Acid and Dexamethasone" *International Journal of Molecular Sciences* 24, no. 15: 11916. <https://doi.org/10.3390/ijms241511916> WOS:001046268600001

- Grecu, Mariana, Bogdan Minea, Liliana-Georgeta Foia, Andra-Cristina Bostanaru-Iliescu, Liviu Miron, **Valentin Nastasa***, and Mihai Mares. 2023. "Short Review on the Biological Activity of Cyclodextrin-Drug Inclusion Complexes Applicable in Veterinary Therapy" *Molecules* 28, no. 14: 5565. <https://doi.org/10.3390/molecules28145565> WOS:001036379200001 [Molecules | Free Full-Text | Short Review on the Biological Activity of Cyclodextrin-Drug Inclusion Complexes Applicable in Veterinary Therapy \(mdpi.com\)](#) IF: 4.600. Punctaj: 80

- **Nastasa, V.**; Pasca, A.-S.; Malancus, R.-N.; Bostanaru, A.-C.; Ailincăi, L.-I.; Ursu, E.-L.; Vasiliu, A.-L.; Minea, B.; Hnatiuc, E.; Mares, M. Toxicity Assessment of Long-Term Exposure to Non-Thermal Plasma Activated Water in Mice. *Int. J. Mol. Sci.* 2021, 22, 11534. ISSN: 1422-0067. <https://doi.org/10.3390/ijms222111534> . WOS:000719429700001. <https://www.webofscience.com/wos/woscc/full-record/WOS:000719429700001> IF: 6.208. Punctaj: 134,16

- Gheorghe Roman, Mihai Mareş, **Valentin Năstasă**. A Novel Antifungal Agent with Broad Spectrum: 1-(4-Biphenyl)-3-(1H-imidazol-1-yl)-1-propanone. *Archiv der Pharmazie* , 201, 346 (2):110-8, ISSN 0365-6233. <https://onlinelibrary.wiley.com/doi/10.1002/ardp.201200287>. WOS:000314930400004. <https://www.webofscience.com/wos/woscc/full-record/WOS:000314930400004> IF-2.012. Punctaj: 100,40

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<https://www.webofscience.com/wos/woscc/full-record/WOS:000689841700001> IF – 4.927. Punctaj: 59,27

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- Biocompatibility Study of CoCrMoSiK Original Alloy Variants: Minciuna, Mirabela Georgiana; Vitureanu, Petrica; Mares, Mihai; Nastasa, Valentin; Achitei, Dragos Cristian; Sandu, Andrei Victor. *REVISTA DE CHIMIE*. Volume: 67. Issue: 2. Pages: 362-365 Published: FEB 2016. ISSN 0034-7752. <https://revistadechimie.ro/Articles.asp?ID=4876> WOS:000372170700034. <https://www.webofscience.com/wos/woscc/full-record/WOS:000372170700034> IF – 1.232. Punctaj: 31,89

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(Q2). Punctaj: 37,74

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