

ISI/BDI INDEXED SCIENTIFIC PAPERS

ISI scientific papers

1. Ungurianu, A., **Zanfirescu, A.***, & Margină, D. (2023). Sirtuins, resveratrol and the intertwining cellular pathways connecting them. *Ageing Research Reviews*, 88, 101936. IF 11.788 (Q1)
2. Avram, I., Pelinescu, D., Gatea, F., Ionescu, R., Barcan, A., Rosca, R., **Zanfirescu, A.**, & Vamanu, E. (2023). *Boletus edulis* Extract—A New Modulator of Dysbiotic Microbiota. *Life*, 13(7), 1481. IF 3.25 (Q2)
3. Pușcașu, C., **Zanfirescu, A.***, & Negreș, S. (2023). Recent Progress in Gels for Neuropathic Pain. *Gels*, 9(5), 417. IF 4.432 (Q2)
4. Andrei, C., **Zanfirescu, A.***, Nițulescu, G. M., Olaru, O. T., & Negreș, S. (2023). Natural Active Ingredients and TRPV1 Modulation: Focus on Key Chemical Moieties Involved in Ligand–Target Interaction. *Plants*, 12(2), 339. FI 4.76 (Q1)
5. Nitulescu, G., Mihai, D. P., **Zanfirescu, A.**, Stan, M. S., Gradinaru, D., & Nitulescu, G. M. (2022). Discovery of New Microbial Collagenase Inhibitors. *Life*, 12(12), 2114. IF 3.23 (Q2)
6. Andrei, C., Mihai, D. P., **Zanfirescu, A.**, Nitulescu, G. M., & Negreș, S. (2022). In Silico Drug Repurposing Framework Predicts Repaglinide, Agomelatine and Protokylol as TRPV1 Modulators with Analgesic Activity. *Pharmaceutics*, 14(12), 2563. IF 6.16 (Q1)
7. Ungurianu, A., **Zanfirescu, A.***, & Margină, D. (2022). Regulation of Gene Expression through Food—Curcumin as a Sirtuin Activity Modulator. *Plants*, 11(13), 1741. FI 4.68 (Q1)
8. Ungurianu, A., **Zanfirescu, A.***, Grădinaru, D., Ionescu-Tîrgoviște, C., Dănciulescu Miulescu, R., & Margină, D. (2022). Interleukins and redox impairment in type 2 diabetes mellitus: mini-review and pilot study. *Current Medical Research and Opinion*, 1-20 [ISSN 0300-7995, FI 2.705 (Q1)]
9. **Zanfirescu, A.**, Nitulescu, G., Mihai, D. P., & Nitulescu, G. M. (2022). Identifying FAAH Inhibitors as New Therapeutic Options for the Treatment of Chronic Pain through Drug Repurposing. *Pharmaceutics*, 15(1), 38.
10. Nitulescu, G., Nitulescu, G. M., **Zanfirescu, A.**, Mihai, D. P., & Gradinaru, D. (2022). Candidates for Repurposing as Anti-Virulence Agents Based on the Structural Profile Analysis of Microbial Collagenase Inhibitors. *Pharmaceutics*, 14(1), 62. IF 6.16 (Q1)
11. **Zanfirescu, A.**, Marineci, C. D., Păun, G., Ungureanu, O., Neagu, E., Chiriță, C., Velescu, B.Ș., Negreș S. (2021). Chitosan supports containing *Impatiens Noli-Tangere* and *Symphytum Officinale* hydroalcoholic extracts in burns treatment: antimicrobial and healing effects. *Farmacia*, 69(5), 948-953.
12. Nitulescu, G., Margina, D., **Zanfirescu, A.**, Olaru, O. T., & Nitulescu, G. M. (2021). Targeting bacterial sortases in search of anti-virulence therapies with low risk of resistance development. *Pharmaceutics*, 14(5), 415.
13. Ungurianu, A., **Zanfirescu, A.**, Nițulescu, G., & Margină, D. (2021). Vitamin E beyond its antioxidant label. *Antioxidants*, 10(5), 634.
14. **Zanfirescu, A.**, Ungurianu, A., Mihai, D. P., Radulescu, D., & Nitulescu, G. M. (2021). Targeting monoacylglycerol lipase in pursuit of therapies for neurological and neurodegenerative diseases. *Molecules*, 26(18), 5668.
15. Ștefănescu, E., Moroșan, E., Gurgu, H., Ghiță, I.C.V., **Zanfirescu, A.***, Zbârcea, C.E., Mușat, O., Negreș, S. (2019). Experimental pharmacological research regarding the effect of some newly synthesized B-phenylethylamines on the modified parameters of the lipid metabolism. *Revista Farmacia*; 67(4):596-602 [ISSN 0014-8237, IF 1.527]
16. **Zanfirescu, A.**, Ungurianu, A., Tsatsakis, A. M., Nițulescu, G. M., Kouretas, D., Veskoukis, A., Margină, D. (2019). A Review of the Alleged Health Hazards of Monosodium Glutamate. *Comprehensive Reviews in Food Science and Food Safety*, 18(4),1111-1134 [ISSN: 1541-4337, IF: 8.738]
17. Olaru, O. T., **Zanfirescu, A.**, Nitulescu, G. M., Nitulescu, G., Dinu-Pirvu, C. E., Anuta, V., Seremet, O. C. (2019). Predictive power of the Triticum root elongation test for the assessment of novel anti-proliferative therapies. *International journal of molecular medicine*, 44(1), 16-24 [ISSN: 1107-3756, IF: 2,784]

18. Fierascu, R. C., Georgiev, M. I., Fierascu, I., Ungureanu, C., Avramescu, S. M., Ortan, A., **Zanfirescu A.**, Velescu, B. S. (2018). Mitodepressive, antioxidant, antifungal and anti-inflammatory effects of wild-growing Romanian native *Arctium lappa* L.(Asteraceae) and *Veronica persica* Poiret (Plantaginaceae). *Food and Chemical Toxicology*, *111*, 44-52 [ISSN: 0278-6915, IF: 3,778]
19. Fierascu, I., Ungureanu, C., Avramescu, S. M., Cimpeanu, C., Georgescu, M. I., Fierascu, R. C., **Zanfirescu A.**, Velescu, B.S., Dinu-Pirvu, C. E. (2018). Genoprotective, antioxidant, antifungal and anti-inflammatory evaluation of hydroalcoholic extract of wild-growing *Juniperus communis* L.(Cupressaceae) native to Romanian southern sub-Carpathian hills. *BMC complementary and alternative medicine*, *18*(1), 3. [ISSN:1472-6882, IF:2,94]
20. Andonie, D. A., Seremet, O. C., Stefanescu, E., **Zanfirescu, A.**, Grosan, A., Osz, B. E., & Dogaru, M. T. (2018). The Pharmacological Effect Of Valproic Acid, Levetiracetam, Carbamazepine And The Coadministration Of Valproic Acid-Levetiracetam And Carbamazepine-Levetiracetam On Tactile Sensitivity, Motor Activity And The Formation Of Conditioned Reflex In Rats. *Revista Farmacia*, *66*(2), 267-274 [ISSN: 0014-8237, IF:1,507].
21. **Zanfirescu, A.**, Cristea, A. N., Nitulescu, G. M., Velescu, B. S., & Gradinaru, D. (2017). Chronic Monosodium Glutamate Administration Induced Hyperalgesia in Mice. *Nutrients*, *10*(1), 1 [ISSN 2072-6643 ; IF: 3,55]
22. Nitulescu, G., Nicorescu, I. M., Oлару, O. T., Ungurianu, A., Mihai, D.P., **Zanfirescu, A.**, Margina, D. (2017). Molecular Docking and Screening Studies of New Natural Sortase A Inhibitors. *International journal of molecular sciences*, *18*(10), 2217 [ISSN 1422-0067, IF: 3,22]
23. Paun, G., Neagu, E., Moroeanu, V., Albu, C., Ursu, T. M., **Zanfirescu, A.**, Radu, G. L. (2017). Anti-inflammatory and antioxidant activities of the *Impatiens noli-tangere* and *Stachys officinalis* polyphenolic-rich extracts. *Revista Brasileira de Farmacognosia* [ISSN: 0102-695X, IF: 1,059]
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25. Negreș, S., **Zanfirescu, A.***, Ionică, F. E., Moroșan, E., Velescu, B. Ș., Șeremet, O. C., Margină, D. M. (2016). Pharmacotoxicological screening on new derivatives of beta-phenylethylamine, potential agonists of beta3-adrenergic receptors. *Romanian journal of morphology and embryology= Revue roumaine de morphologie et embryologie*, *57*(3), 969-978 [ISSN: 1220-0522, 2066-8279, IF: 0,811].
26. Negreș S., Scutari C., Ionică F.E., Gonciar V., Velescu B.Ș., Șeremet O.C., **Zanfirescu A.**, Zbârcea C.E., Ștefănescu E., Ciobotaru E., Chiriță C. (2016). Influence of hyperforin on the morphology of internal organs and biochemical parameters, in experimental model in mice. *Romanian journal of morphology and embryology= Revue roumaine de morphologie et embryologie*; *57*(2):663-673 [ISSN print 1220-0522; ISSN online 2066-8279; FI/2015: 0,811].
27. Nitulescu, G. M., Nedelcu, G., **Buzescu, A*.**, Oлару, O. T. (2016). Aminopyrazoles as privileged structures in anticancer drug design-an in silico study. *Bulg. Chem. Commun*, *48*, 55-60 [ISSN0324-1130, IF: 0,349]
28. **Buzescu A.**, Negreș S., Lefter M., Velescu B.Ș., Ștefănescu E., Chiriță C., Nicolescu F. (2014) The influence of some psychotropic substances on conditioning using an active avoidance paradigm. *Revista Farmacia*, *62*(1):202-210 [ISSN 0014-823; IF 0.578]
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30. **Buzescu A.**, Negreș S., Călin O., Chiriță C. (2013) Experimental Demonstration Of Hyperalgesia Induced By Repeated Ingestion Of Dietary Glutamic Acid. *Revista Farmacia*, *2013*;61(5): 1009-17 [ISSN 0014-8237, IF 0.578].

1. Andrei, C., **Zanfirescu, A.***, Mihai, D. P., & Negreș, S. (2023). Paclitaxel—A Valuable Tool for Inducing Visceral Pain in Preclinical Testing?. *International Journal of Translational Medicine*, 3(1), 108-119.
2. Trif, C., Mihai, D. P., **Zanfirescu, A.**, & Nitulescu, G. M. (2022). Structural Model Based on Genetic Algorithm for Inhibiting Fatty Acid Amide Hydrolase. *AI*, 3(4), 863-870.
3. Andrei, C., **Zanfirescu, A.***, Nițulescu, G. M., & Negreș, S. (2022). Understanding the Molecular Mechanisms Underlying the Analgesic Effect of Ginger. *Nutraceuticals*, 2(4), 384-403.
4. **Zanfirescu, A.**, Nitulescu, G., Stancov, G., Radulescu, D., Trif, C., Nitulescu, G. M., Negreș S., Olaru, O. T. (2020). Evaluation of Topical Anti-Inflammatory Effects of a Gel Formulation with *Plantago Lanceolata*, *Achillea Millefolium*, *Aesculus Hippocastanum* and *Taxodium Distichum*. *Scientia Pharmaceutica*, 88(2), 26 [ISSN 2218-0532].
5. Nițulescu, G. M., Nedelcu, G., **Buzescu, A.**, Velescu, B.Ș., Olaru, O.T (2015). The pyrazole scaffold in drug development. A target profile analysis. *Studia Universitatis "Vasile Goldiș"*, 25(2), 79-85 [ISSN 1584-2363].
6. Velescu, B.Ș., Uivarosi V., **Buzescu, A.**, Sarbu, I., Ionescu, E., Anuta, V. (2014). Pharmacokinetic profile evaluation of di- μ -hydroxobis(quercetinatoxovanadium(IV)) complex. *Curr Health Sci J*, 40(4), 265-270 [ISSN 2069-4032]
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