

In extenso articles 2020

1. Valu, M.V.; Soare, L.C.; Sutan, N.A.; Ducu, C.; Moga, S.; Hritcu, L.; **Boiangiu, R.S.**; Carradori, S.; 2020 – Optimization of Ultrasonic Extraction to Obtain Erinacine A and Polyphenols with Antioxidant Activity from the Fungal Biomass of *Herichium erinaceus*. *Foods*, 9(12), 1889, <https://doi.org/10.3390/foods9121889>;
2. **Boiangiu, R.S.**; Mihasan, M.; Gorgan, D.L.; Stache, B.A.; Petre, B.A.; Hritcu, L.; 2020 – Cotinine and 6-Hydroxy-L-Nicotine Reverses Memory Deficits and Reduces Oxidative Stress in A β 25-35-Induced Rat Model of Alzheimer's Disease. *Antioxidants*, 9(8), 768, <https://doi.org/10.3390/antiox9080768>;
3. Brinza, I.; Abd-Alkhalek, A.M.; El-Raey, M.A.; **Boiangiu, R.S.**; Eldahshan, O.A.; Hritcu, L.; 2020 – Ameliorative Effects of Rhoifolin in Scopolamine-Induced Amnesic Zebrafish (*Danio rerio*) Model. *Antioxidants*, 9(7), 580, <https://doi.org/10.3390/antiox9070580>;
4. Abidar, S.; **Boiangiu, R.S.**; Dumitru, G.; Todirascu-Ciornea, E.; Amakran, A.; Cioanca, O.; Hritcu, L.; Nhiri, M.; 2020 – The aqueous extract from *Ceratonia siliqua* leaves protects against 6-hydroxydopamine in zebrafish: understanding the underlying mechanism. *Antioxidants*, 9(4), 304, <https://doi.org/10.3390/antiox9040304>;
5. Hritcu, L.; **Boiangiu, R.S.**; Castro de Morais, M.; Pergentino de Sousa, D.; 2020 – (-)-cis-Carveol, a natural compound, improves amyloid-beta (1-42)-induced memory impairment and oxidative stress in the rat hippocampus. *BioMed Research International*, Volume 2020, Article ID 8082560, <https://doi.org/10.1155/2020/8082560>;
6. **Boiangiu, R.S.**; Brinza, I.; Hancianu, M.; Orhan, I.E.; Eren, G.; Gunduz, E.; Ertas, H.; Hritcu, L.; Cioanca, O.; 2020 – Cognitive facilitation and antioxidant effects of an essential oil mix on scopolamine-induced amnesia in rats: molecular modeling of in vitro and in vivo approaches. *Molecules*, 25(7), 1519, <https://doi.org/10.3390/molecules25071519>;
7. Capatina, L.; **Boiangiu, R.S.**; Dumitru, G.; Napoli, E.M.; Ruberto, G.; Hritcu, L.; Todirascu-Ciornea, E.; 2020 – *Rosmarinus officinalis* Essential Oil Improves Scopolamine-Induced Neurobehavioral Changes via Restoration of Cholinergic Function and Brain Antioxidant Status in Zebrafish (*Danio rerio*). *Antioxidants*, 9(1), 62, <https://doi.org/10.3390/antiox9010062>;