

ARTICOLE PUBLICATE

1. Brinza, I.; Boiangiu, R.S.; Hancianu, M.; Cioanca, O.; Orhan, I.E.; Hritcu, L.; 2021 – Bay leaf (*Laurus nobilis* L.) incense improved scopolamine-induced amnesic rats by restoring cholinergic dysfunction and brain antioxidant status. *Antioxidants*, 10(2), 259, <https://doi.org/10.3390/antiox10020259> (IF = 5,014);
2. Boiangiu, R.S.; Mihasan, M.; Gorgan, D.L.; Stache, B.A.; Hritcu, L.; 2021 – Anxiolytic, promnesic, anti-acetylcholinesterase and antioxidant effects of cotinine and 6-hydroxy-L-nicotine in scopolamine-induced zebrafish (*Danio rerio*) model of Alzheimer's Disease. *Antioxidants*, 10(2), 212, <https://doi.org/10.3390/antiox10020212> (IF = 5,014);
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4. 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> (IF = 5,014);
5. 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> (IF = 5,014)
6. Abidar, S.; Boiangiu, R.S.; Dumitru, G.; Todirascu-Ciomea, 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> (IF = 5,014);

7. Capatina, L.; **Boiangiu, R.S.**; Dumitru, G.; Napoli, E.M.; Ruberto, G.; Hriteu, 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> (IF = 5,014)
8. Dumitru, G.; El-Nashar, H.A.S.; Mostafa, N.M.; Eldahshan, O.A.; **Boiangiu, R.S.**; Todirascu-Ciornea, E.; Hriteu, L.; Singab, A.N.B.; 2019 – Agathisflavone isolated from *Schinus polygamus* (Cav.) Cabrera leaves prevents scopolamine-induced memory impairment and brain oxidative stress in zebrafish (*Danio rerio*). *Phytomedicine*, 58, 152889, <https://doi.org/10.1016/j.phymed.2019.152889> (IF = 4,268);

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antioxidant properties in a zebrafish model. *Evidence-Based Complementary and Alternative Medicine*, Volume 2019, Article ID 5256781, 11 pages, <https://doi.org/10.1155/2019/5256781> (IF = 1,813);

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1. **Boiangiu, R.S.**, Mihasan, M., Hriteu, L.– Anti-acetylcholinesterase and pro-cognitive profile of cotinine and 6-hydroxy-l-nicotine in an A β 25-35-induced rat model of Alzheimer's Disease – *Journal of Experimental and Molecular Biology*, 20(3), <http://www.jemb.bio.uaic.ro/index.php/jemb/issue/view/7/6>;
2. Hriteu, L., Dumitru, G., El-Nashar, H.A., Mostafa, N.M., Eldahshan, O.A., **Boiangiu, R.S.**, Todirascu-Ciornea, E., Singab, A.N.B., 2019 – Agathisflavone isolated from *Schinus polygamus* (cav.) Cabrera leaves prevents scopolamine-induced memory impairment and brain oxidative stress in zebrafish (*Danio rerio*). *FEBS Open Bio*, 9: S1 P-15-006, <https://doi.org/10.1002/2211-5463.12675> (IF = 2,231);



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