

Lista de lucrări științifice
-Dr. Augustin C. Moț-

A) Articole WoS

84. Eszter Ruprecht, Franz Essl, Augustin C. Moț, Beatrix Balaji, Thomas Kuhn, Annamaria Fenesi, Constantin Mardari, Zsombor Miholcsa, Ecological attributes promoting intra-continental range-expansion of a native annual forb triggered by intensified land-use, **Flora** 310 (2024) 152416
83. Irina Kacso, Ioana Bâldea, Maria Miclăuș, Augustin C. Moț, Remus Moldovan, Flavia Martin, Ketoconazole-PAMAN dendrimer supramolecular complex for prolonged delivery by in vitro and in vivo studies, **Studia Universitatis Babes-Bolyai Chemia** 68(4) (2023) 137-154
82. Cristina Coman, Niculina Hădăde, Szilárd Pesek, Radu Silaghi-Dumitrescu, Augustin C. Moț, Removal and degradation of sodium diclofenac via radical-based mechanisms using *S. sclerotiorum* laccase, **Journal of Inorganic Biochemistry** 249 (2023) 112400
81. Sabina-Emanuela Erhan, Alina E Pârvu, Alexandra Clorîță, Ayu A Putri, Alexis J Villagrana Molina, Marcel Pârvu, Augustin C. Moț, Chemical composition and anti-inflammatory effect of *Phellodendron amurense* Rupr. stem bark extract, **Notulae Botanicae Horti Agrobotanici Cluj-Napoca** 51(3) (2023) 13306-13306
80. Augustin C. Moț, Cezara Zăgrean-Tuza, Costel Sârbu, Fuzzy discriminant analysis of medicinal plant extracts according to their total content of phytochemicals and the antioxidant capacity, **Studia Universitatis Babes-Bolyai Chemia** 68(3) (2023) 19-34
79. Ioana-Georgeta Grosu, Augustin C. Moț, Xenia Filip, Claudiu Filip, What Is Wrong with Hyaluronic Acid Chemistry? A 15N/13C Solid-State NMR Re-Evaluation of Its Dopamine Conjugates, **Polymers** 15(13) (2023) 2825
78. Ioana Andreea Barbu, Alexandra Ciorîță, Rahela Carpa, Augustin C. Moț, Anca Butiuc-Keul, Marcel Pârvu, Phytochemical Characterization and Antimicrobial Activity of Several *Allium* Extracts, **Molecules** 28(10) (2023) 3980
77. Mariann-Kinga Arkosi, Augustin C Moț, Iulia Lupan, Miruna Georgiana Ghinia Tegla, Radu Silaghi-Dumitrescu, Selective Attachment of Polyethylene Glycol to Hemerythrin for Potential Use in Blood Substitutes, **The Protein Journal** 42 (2023) 374–382
76. Bogdan Bosca, Augustin C. Moț, Novel simultaneous determination of alliin and allicin in *Allium* sp. using digital subtraction HPTLC, **Journal of Chromatography B** 1222 (2023) 123700
75. Anca E. Anghel, Ibolya Balazs, Augustin C. Moț, Conventional versus Extended Standard Addition Method: Determination of Capsaicinoids in Topical Creams by High-Performance Liquid Chromatography – Diode Array Detection (HPLC-DAD), **Analytical Letters** 56(2) (2023) 200-2015
74. Violeta Florina Scurtu, Doina Clapa, Loredana Florina Leopold, Floricuța Ranga, Ștefania D Iancu, Adrian Ionuț Cadiș, Vasile Coman, Sonia Ancuța Socaci, Augustin C Moț, Cristina Coman, Gadolinium Accumulation and Toxicity on *In Vitro* Grown *Stevia rebaudiana*: A Case-Study on Gadobutrol, **International Journal of Molecular Sciences**, 23 (2022) 11368
73. Bogdan M. Bosca, Augustin C. Moț, Chromatographic determination of total selenium in biofortified allium sp. following piazselenol formation and micro-solid-phase extraction, **Molecules** 26 (2021) 6730
72. Teodora-Irina Adam-Bonci, Eduard-Alexandru Bonci, Alina-Elena Pârvu, Andrei-Ioan Herdean, Augustin Moț, Marian Taulescu, Andrei Ungur, Raluca-Maria Pop, Corina Bocșan, Alexandru Irimie, **International Journal of Molecular Sciences**, 22 (2021) 7089
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70. Alexandra Ciorîță, Cezara Zăgrean-Tuza, Augustin C Moț, Rahela Carpa, Marcel Pârvu, The Phytochemical Analysis of Vinca L. Species Leaf Extracts Is Correlated with the Antioxidant, Antibacterial, and Antitumor Effects, **Molecules**, 26 (2021) 3040-3061.
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61. Augustin C Moț, Cristina Coman, Niculina Hadade, Grigore Damian, Radu Silaghi-Dumitrescu, Hendrik Heering, “Yellow” laccase from *Sclerotinia sclerotiorum* is a blue laccase that enhances its substrate affinity by forming a reversible tyrosyl-product adduct, **PLoS one**, 15 (2020) e0225530.
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Tiberiu Frentiu, Characterization of *Lycium barbarum* L. berry cultivated in North Macedonia: A chemometric approach, **Journal of Berry Research**, 10 (2020) 223-241.

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B) Prezentări orale prezentate la conferințe științifice

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14. Augustin C. Moț, Cezara Zagrean, Costel Sarbu, Chemometric techniques applied in fast profiling of plants in abiotic stress, 46th International Conference of the Slovak Society of Chemical Engineering, 20-23 May 2019, Tatranske Matliare, Slovakia
13. Augustin C. Moț, Cezara Zagrean-Tuza, Assessment of reaction intermediates in biomolecular systems using isotope exchange effect, 12th International Conference Processes in Isotopes and Molecules, 25-27 September 2019, Cluj-Napoca, Romania
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