

Listă publicații în perioada 2016-2026

-Conf. Dr. Habil. Augustin C. Moț-

60. Augustin C. Moț, Adrian-Ioan Dudu, Tiberiu Frentiu, Dorin Petreus, Erika-Andrea Levei, Zamfira Stupar, Maria Frentiu, Eniko Covaci, Cost-effective oxygen flask combustion and electrothermal vaporization capacitively coupled plasma microtorch optical emission spectrometry as a green and white method for multielemental determination in food, **Journal of Analytical Atomic Spectrometry** 41(1) (2026) 308–319.
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58. Rami Doukeh, Maria Lehene, Cezara Zagrean-Tuza, Augustin C. Moț, Radu Silaghi-Dumitrescu, Codruta Sarosi, Carmen Ioana Fort, Graziella Liana Turdean, Madalina Pandelescu, Gheorghe Borodi, Luminița Daniela Movileanu, Catalytic activation of molecular nitrogen by enzyme-inspired metal–organic catalysts, **The Journal of Physical Chemistry C** 129(46) (2025) 30715–30728.
57. Augustin C. Moț, Radu Silaghi-Dumitrescu, A polyethylene glycol derivatized laccase with improved thermal resistance, **Biocatalysis and Biotransformation** 43(2) (2025) 218–227.
56. Dalma Fazakas, Augustin C. Moț*, Spectrophotometric assessment of 5-HMF in thermally treated honey: analytical performance comparison of classical and modified methods, **Chemistry** 7(2) (2025) 64.
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52. Alexandra Ganda, Cezara Zagrean-Tuza, Eniko Covaci, Tiberiu Frentiu, Olivian Marincas, Emese Gal, Augustin C. Moț*, Unravelling the bridge of polyphenol composition and mineralomics in Se biofortified edible *Allium* species, **Journal of Food Composition and Analysis** 135 (2024) 106648.
51. Cezara Zagrean-Tuza, Galaba Pato, Grigore Damian, Radu Silaghi-Dumitrescu, Augustin C. Moț*, Redox reactivity of nonsymbiotic phytoalbumins towards nitrite, **Molecules** 29(6) (2024) 1200.
50. Eszter Ruprecht, Franz Essl, Augustin C. Moț, Beatrix Balaji, Thomas Kuhn, Annamária 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
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46. 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

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