

# Mariola Samsonowicz

## List of Publications by Year in descending order

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27  
papers

462  
citations

840585

11  
h-index

713332

21  
g-index

27  
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27  
docs citations

27  
times ranked

541  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic study of molecular structure, antioxidant activity and biological effects of metal hydroxyflavonol complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 173, 757-771.	2.0	70
2	Hydroxyflavone metal complexes - molecular structure, antioxidant activity and biological effects. <i>Chemico-Biological Interactions</i> , 2017, 273, 245-256.	1.7	63
3	Antioxidant properties of coffee substitutes rich in polyphenols and minerals. <i>Food Chemistry</i> , 2019, 278, 101-109.	4.2	60
4	Spectroscopic (Raman, FT-IR, and NMR) study of alkaline metal nicotines and isonicotines. <i>Vibrational Spectroscopy</i> , 2003, 33, 215-222.	1.2	34
5	Plant-Derived and Dietary Hydroxybenzoic Acids – A Comprehensive Study of Structural, Anti-/Pro-Oxidant, Lipophilic, Antimicrobial, and Cytotoxic Activity in MDA-MB-231 and MCF-7 Cell Lines. <i>Nutrients</i> , 2021, 13, 3107.	1.7	33
6	Experimental and theoretical IR, Raman, NMR spectra of 2-, 3-, and 4-nitrobenzoic acids. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 480-494.	1.0	32
7	Alkali metal salts of rutin – Synthesis, spectroscopic (FT-IR, FT-Raman, UV-VIS), antioxidant and antimicrobial studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 151, 926-938.	2.0	31
8	Experimental and theoretical study on benzoic acid derivatives. <i>Journal of Molecular Structure</i> , 2013, 1044, 181-187.	1.8	26
9	Experimental (FT-IR, FT-Raman, <sup>1</sup> H, <sup>13</sup> C NMR) and theoretical study of alkali metal 2-aminonicotines. <i>Polyhedron</i> , 2009, 28, 3556-3564.	1.0	12
10	Experimental (FT-IR, FT-Raman, <sup>1</sup> H, <sup>13</sup> C NMR) and theoretical study of alkali metal 2-aminobenzoates. <i>Journal of Molecular Structure</i> , 2008, 887, 220-228.	1.8	11
11	The study on molecular structure and microbiological activity of alkali metal 3-hydroxyphenylacetates. <i>Journal of Molecular Structure</i> , 2017, 1146, 755-765.	1.8	11
12	Molecular structure of alkali metal 4-nitrobenzoates. <i>Journal of Physical Organic Chemistry</i> , 2007, 20, 93-108.	0.9	10
13	Enhanced Antioxidant Activity of Ursolic Acid by Complexation with Copper (II): Experimental and Theoretical Study. <i>Materials</i> , 2021, 14, 264.	1.3	10
14	Molecular structure and microbiological activity of alkali metal 3,4-dihydroxyphenylacetates. <i>Journal of Saudi Chemical Society</i> , 2018, 22, 896-907.	2.4	9
15	Modification of Glass/Polyester Laminates with Flame Retardants. <i>Materials</i> , 2021, 14, 7901.	1.3	9
16	Recent Advances in Bio-Based Additive Flame Retardants for Thermosetting Resins. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4828.	1.2	9
17	Spectroscopic and theoretical study on alkali metal phenylacetates. <i>Journal of Molecular Structure</i> , 2013, 1044, 173-180.	1.8	8
18	Theoretical and experimental study of alkali metal o-, m- and p-aminobenzoates in comparison with nitrobenzoates. <i>Journal of Molecular Structure</i> , 2009, 936, 162-170.	1.8	6

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19	Evaluation of influence of selected metal cations on antioxidant activity of extracts from savory ( <i>Satureja hortensis</i> )â€¦. <i>Chemical Papers</i> , 2016, 70, .	1.0	5
20	Experimental and theoretical study of molecular structure of beryllium, magnesium, calcium, strontium and barium 4-nitrobenzoates. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 103, 456-466.	2.0	3
21	Comparison of molecular structure of alkali metal o-, m- and p-nitrobenzoates. <i>Journal of Molecular Structure</i> , 2008, 887, 209-215.	1.8	2
22	Spectroscopic (FT-IR, Raman, NMR) and DFT Quantum Chemical Studies on Phenoxyacetic Acid and Its Sodium Salt. <i>Spectroscopy</i> , 2012, 27, 307-313.	0.8	2
23	Spectroscopic characteristic (FT-IR, FT-Raman, UV, <sup>1</sup> H and <sup>13</sup> C NMR), theoretical calculations and biological activity of alkali metal homovanillates. <i>Journal of Molecular Structure</i> , 2016, 1109, 1-12.	1.8	2
24	Smoke Generation Parameters from the Cone Calorimeter Method and Single-Chamber Test. <i>Environmental Sciences Proceedings</i> , 2021, 9, .	0.3	2
25	Molecular structure of calcium, magnesium, strontium and barium m-nitrobenzoates. <i>Spectroscopy</i> , 2010, 24, 433-437.	0.8	1
26	Theoretical and Experimental Studies on Alkali Metal Phenoxyacetates. <i>Spectroscopy</i> , 2012, 27, 321-328.	0.8	1
27	Spectroscopic, Thermal, Microbiological, and Antioxidant Study of Alkali Metal 2-Hydroxyphenylacetates. <i>Materials</i> , 2021, 14, 7824.	1.3	0