

Maria-Loredana Soran

List of Publications by Year in descending order

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77
papers

1,388
citations

471061

17
h-index

360668

35
g-index

77
all docs

77
docs citations

77
times ranked

1932
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating antibiotics, antibiotic resistance genes, and microbial contaminants in groundwater in relation to the proximity of urban areas. <i>Environmental Pollution</i> , 2018, 236, 734-744.	3.7	219
2	Abundance of antibiotics, antibiotic resistance genes and bacterial community composition in wastewater effluents from different Romanian hospitals. <i>Environmental Pollution</i> , 2017, 225, 304-315.	3.7	197
3	Removal of antibiotics from aqueous solutions by green synthesized magnetite nanoparticles with selected agro-waste extracts. <i>Chemical Engineering Research and Design</i> , 2017, 107, 357-372.	2.7	116
4	Evaluation of CNT-COOH/MnO ₂ /Fe ₃ O ₄ nanocomposite for ibuprofen and paracetamol removal from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2021, 403, 123528.	6.5	89
5	Influence of nine antibiotics on key secondary metabolites and physiological characteristics in <i>Triticum aestivum</i> : Leaf volatiles as a promising new tool to assess toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2013, 87, 70-79.	2.9	76
6	Synthesis and characterization of Fe ₃ O ₄ @ZnS and Fe ₃ O ₄ @Au@ZnS core-shell nanoparticles. <i>Applied Surface Science</i> , 2014, 288, 180-192.	3.1	51
7	Starch-coated green synthesized magnetite nanoparticles for removal of textile dye Optilan Blue from aqueous media. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 100, 65-73.	2.7	39
8	Removal of Lead(II), Cadmium(II), and Arsenic(III) from Aqueous Solution Using Magnetite Nanoparticles Prepared by Green Synthesis with Box-Behnken Design. <i>Analytical Letters</i> , 2018, 51, 2519-2531.	1.0	38
9	Extraction and HPLC determination of the ascorbic acid content of three indigenous spice plants. <i>Journal of Analytical Chemistry</i> , 2014, 69, 998-1002.	0.4	35
10	Structure, morphology and magnetic properties of Fe-Au core-shell nanoparticles. <i>Surface Science</i> , 2007, 601, 4352-4357.	0.8	34
11	Disproportionate photosynthetic decline and inverse relationship between constitutive and induced volatile emissions upon feeding of <i>Quercus robur</i> leaves by large larvae of gypsy moth (<i>Lymantria</i>). <i>Trends in Plant Science</i> , 2014, 19, 143-144.	1.4	34
12	Influence of microwave frequency electromagnetic radiation on terpene emission and content in aromatic plants. <i>Journal of Plant Physiology</i> , 2014, 171, 1436-1443.	1.6	31
13	Green Synthesis of Ag-MnO ₂ Nanoparticles using <i>Chelidonium majus</i> and <i>Vinca minor</i> Extracts and Their In Vitro Cytotoxicity. <i>Molecules</i> , 2020, 25, 819.	1.7	28
14	Determination of some frequently used antibiotics in waste waters using solid phase extraction followed by high performance liquid chromatography with diode array and mass spectrometry detection. <i>Open Chemistry</i> , 2013, 11, 1343-1351.	1.0	24
15	Green Synthesis, Characterization and Test of MnO ₂ Nanoparticles as Catalyst in Biofuel Production from Grape Residue and Seeds Oil. <i>Waste and Biomass Valorization</i> , 2020, 11, 5003-5013.	1.8	24
16	Comparative study of core-shell iron/iron oxide gold covered magnetic nanoparticles obtained in different conditions. <i>Journal of Nanoparticle Research</i> , 2011, 13, 6181-6192.	0.8	23
17	Synthesis and characterization of Fe-Pt based multishell magnetic nanoparticles. <i>Journal of Alloys and Compounds</i> , 2013, 574, 477-485.	2.8	18
18	Chemometric Optimization of Biologically Active Compounds Extraction from Grape Marc: Composition and Antimicrobial Activity. <i>Molecules</i> , 2022, 27, 1610.	1.7	18

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19	Synthesis and characterization of the core-shell Au covered LSMO manganite magnetic nanoparticles. <i>Synthetic Metals</i> , 2010, 160, 1692-1698.	2.1	17
20	HPTLC quantification of some flavonoids in extracts of <i>Satureja hortensis</i> L. obtained by use of different techniques. <i>Journal of Planar Chromatography - Modern TLC</i> , 2009, 22, 25-28.	0.6	15
21	Determination of Antibiotics in Surface Water by Solid-Phase Extraction and High-Performance Liquid Chromatography with Diode Array and Mass Spectrometry Detection. <i>Analytical Letters</i> , 2017, 50, 1209-1218.	1.0	15
22	Interface charge transfer in polypyrrole coated perovskite manganite magnetic nanoparticles. <i>Journal of Applied Physics</i> , 2012, 111, .	1.1	14
23	Induction of stress volatiles and changes in essential oil content and composition upon microwave exposure in the aromatic plant <i>Ocimum basilicum</i> . <i>Science of the Total Environment</i> , 2016, 569-570, 489-495.	3.9	14
24	Evaluation of the photosynthetic parameters, emission of volatile organic compounds and ultrastructure of common green leafy vegetables after exposure to non-steroidal anti-inflammatory drugs (NSAIDs). <i>Ecotoxicology</i> , 2019, 28, 631-642.	1.1	14
25	Data on the removal of Optilan Blue dye from aqueous media using starch-coated green synthesized magnetite nanoparticles. <i>Data in Brief</i> , 2019, 25, 104165.	0.5	13
26	Investigating the effects of non-steroidal anti-inflammatory drugs (NSAIDs) on the composition and ultrastructure of green leafy vegetables with important nutritional values. <i>Plant Physiology and Biochemistry</i> , 2020, 151, 342-351.	2.8	13
27	The efficiency of the multi-walled carbon nanotubes used for antibiotics removal from wastewaters generated by animal farms. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16396-16406.	2.7	12
28	The extraction and chromatographic determination of the essential oils from <i>Ocimum basilicum</i> L. by different techniques. <i>Journal of Physics: Conference Series</i> , 2009, 182, 012016.	0.3	11
29	Effect of lipophilic sea buckthorn extract on cream cheese properties. <i>Journal of Food Science and Technology</i> , 2020, 57, 628-637.	1.4	10
30	The optimization of the antibiotics extraction from wastewaters and manure using Box-Behnken experimental design. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 473-480.	1.8	9
31	The Impact Assessment of CuO Nanoparticles on the Composition and Ultrastructure of <i>Triticum aestivum</i> L.. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6739.	1.2	9
32	Optimization of extraction conditions of polyphenols, antioxidant capacity and sun protection factor from <i>Prunus spinosa</i> fruits. Application in sunscreen formulation. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2625-2636.	1.2	8
33	Extraction and identification of flavonoids from parsley extracts by HPLC analysis. <i>AIP Conference Proceedings</i> , 2012, , .	0.3	7
34	Effect of microwave irradiation on polyphenolic compounds from <i>Satureja hortensis</i> L.. <i>Open Chemistry</i> , 2013, 11, 535-541.	1.0	7
35	Microwave assisted thin-layer chromatography - an improved separation technique. <i>Journal of Planar Chromatography - Modern TLC</i> , 2008, 21, 243-248.	0.6	6
36	Efficient Extraction of Total Polyphenols from Apple and Investigation of Its SPF Properties. <i>Molecules</i> , 2022, 27, 1679.	1.7	6

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37	The Effect of TiO ₂ Nanoparticles on the Composition and Ultrastructure of Wheat. <i>Nanomaterials</i> , 2021, 11, 3413.	1.9	6
38	Separation of U(VI) and Th(IV) from Some Rare Earths by Thin Layer Chromatography with Di(2-ethylhexyl)dithiophosphoric Acid on Silica Gel. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 2515-2524.	0.5	5
39	HPTLC analysis of thymol in extracts of <i>Satureja hortensis</i> L. obtained by different techniques. <i>Journal of Planar Chromatography - Modern TLC</i> , 2010, 23, 320-322.	0.6	5
40	Extraction and GC determination of volatile aroma compounds from extracts of three plant species of the Apiaceae family. <i>AIP Conference Proceedings</i> , 2013, , .	0.3	5
41	Determination of Myristicin and Linalool in Plants Exposed to Microwave Radiation by High-Performance Liquid Chromatography. <i>Analytical Letters</i> , 2015, 48, 567-574.	1.0	5
42	Spin transfer and proximity effects in case of FePt (L10) nanoparticles coated with P3HT. <i>AIP Advances</i> , 2020, 10, 055215.	0.6	5
43	Devrinol and triadimefon removal from aqueous solutions using CNT-COOH/MnO ₂ /Fe ₃ O ₄ nanocomposite. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 2031-2039.	1.2	5
44	High-Performance Thin-Layer Chromatographic Quantification of Myristicin and Linalool from Leaf Extracts of Microwave-Irradiated Parsley, Dill, and Celery. <i>Journal of Planar Chromatography - Modern TLC</i> , 2014, 27, 97-101.	0.6	4
45	Interplay between metabolic and thyroid parameters in obese pubertal children. Does visceral adipose tissue make the first move?. <i>Acta Clinica Belgica</i> , 2021, 76, 40-48.	0.5	4
46	TLC separation of rare earths using di(2-ethylhexyl)dithiophosphoric acid as complexing reagent. <i>Journal of Planar Chromatography - Modern TLC</i> , 2005, 18, 160-163.	0.6	4
47	Fondant Candies Enriched with Antioxidants from Aronia Berries and Grape Marc. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 74-79.	0.2	4
48	Antimicrobial Effects of Basil, Summer Savory and Tarragon Lyophilized Extracts in Cold Storage Sausages. <i>Molecules</i> , 2021, 26, 6678.	1.7	4
49	Synthesis and characterization of LSMO nanoparticles covered with Au having a core-shell structure. <i>Journal of Physics: Conference Series</i> , 2009, 182, 012071.	0.3	3
50	Essentials Oils Determination from <i>Satureja hortensis</i> L. by Chromatographic Techniques. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2011, 14, 699-707.	0.7	3
51	Implementation of an additional monitoring device to prevent failures of the cooling systems. , 2012, , .		3
52	High-Performance Thin-Layer Chromatographic Quantification of Some Essential Oils from <i>Anethum graveolens</i> Extracts. <i>Journal of Planar Chromatography - Modern TLC</i> , 2014, 27, 33-37.	0.6	3
53	The benefits of data center temperature monitoring. , 2015, , .		3
54	Microwave Field Effect on Polyphenolic Compounds from Aromatic Plants. <i>Journal of Sustainable Development of Energy, Water and Environment Systems</i> , 2016, 4, 48-55.	0.9	3

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55	Evaluation of the Anti-Gout Potential of <i>Calluna vulgaris</i> L. (Ericaceae) in Rats. <i>Records of Natural Products</i> , 2018, 12, 432-444.	1.3	3
56	Use of di(n-butyl) and di(iso-butyl)dithiophosphoric acids as complexing agents in the TLC separation of some d and f transition metal ions. <i>Journal of Planar Chromatography - Modern TLC</i> , 2007, 20, 153-158.	0.6	2
57	Magnetization enhancement of magnetic nanoparticles coated with polypyrrole. , 2012, , .		2
58	Synthesis and characterization of Fe@FePt@SiO ₂ @NH ₂ nanoplatform for amino acids recognition. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	2
59	Application of CNT-COOH/MnO ₂ /Fe ₃ O ₄ Nanocomposite for the Removal of Cymoxanil from Aqueous Solution: Isotherm and Kinetic Studies. <i>Analytical Letters</i> , 2023, 56, 216-230.	1.0	2
60	HPLC monitored synthesis of R ² NCH ₂ substituted benzene derivatives used as (C,N)-ligands for organometallic compounds. <i>Open Chemistry</i> , 2004, 2, 563-572.	1.0	1
61	Quality control of commercial mustard by thin-layer chromatography. <i>Journal of Planar Chromatography - Modern TLC</i> , 2005, 18, 282-284.	0.6	1
62	Structural characterization of zinc sulphide thin films by radial distribution function analysis using x - ray scattering. , 2012, , .		1
63	Synthesis and spectral characterization of Eu doped TiO ₂ nanoparticles. <i>AIP Conference Proceedings</i> , 2013, , .	0.3	1
64	Environmental parameters control in Datacenter. , 2014, , .		1
65	Integrating nano- and microparticles in practical decontamination processes for water and sediments in a green technology approach. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	1
66	Application for temperature and humidity monitoring of data center environment. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	1
67	Biotransformation of Non-steroidal Anti-inflammatory Drugs Induces Ultrastructural Modifications in Green Leafy Vegetables. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 1408-1420.	1.7	1
68	Content of Carotenoids, Violaxanthin and Neoxanthin in Leaves of <i>Triticum aestivum</i> Exposed to Persistent Environmental Pollutants. <i>Molecules</i> , 2021, 26, 4448.	1.7	1
69	TLC separation of metal ions using di(n-butyl)dithiophosphoric acid and neutral organophosphorus ligands. <i>Journal of Planar Chromatography - Modern TLC</i> , 2006, 19, 297-301.	0.6	1
70	Determination of flavonoids in <i>Triticum aestivum</i> L. treated with ampicillin. , 2012, , .		0
71	Separation and identification of some non-steroidal anti-inflammatory drugs using TLC and HPLC-MS. <i>Journal of Planar Chromatography - Modern TLC</i> , 2012, 25, 523-527.	0.6	0
72	Power consumption monitoring using additional monitoring device. , 2013, , .		0

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73	Application for some parameters monitoring in installation for isotopes separation. , 2014, , .		0
74	A soil irrigation method for experimental plant growth. AIP Conference Proceedings, 2015, , .	0.3	0
75	Nanocomposite based on Fe ₃ O ₄ /MnO ₂ for biodiesel production improving. Chemical Papers, 2021, 75, 3513-3520.	1.0	0
76	Synthesis and Spectroscopic Characterization of Hybrid Magnetic Nanoparticles, Based on Fe@Au and Pyrrole. Studia Universitatis Babes-Bolyai Chemia, 2017, 62, 105-112.	0.1	0
77	Microwave irradiation effect on polyphenol content and antioxidant activity of basil. Studia Universitatis Babes-Bolyai Chemia, 2018, 63, 87-94.	0.1	0