

Otilia Ana Culicov

List of Publications by Year in descending order

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41
papers

527
citations

623734

14
h-index

677142

22
g-index

41
all docs

41
docs citations

41
times ranked

563
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of element accumulation of different moss- and lichen-bags, exposed in the city of Sofia (Bulgaria). Journal of Atmospheric Chemistry, 2006, 55, 1-12.	3.2	62
2	Active Moss Biomonitoring Applied to an Industrial Site in Romania: Relative Accumulation of 36 Elements in Moss-Bags. Environmental Monitoring and Assessment, 2005, 108, 229-240.	2.7	41
3	Biochemical changes in cyanobacteria during the synthesis of silver nanoparticles. Canadian Journal of Microbiology, 2015, 61, 13-21.	1.7	40
4	Atmospheric Deposition of Trace Elements in Romania Studied by the Moss Biomonitoring Technique. Journal of Atmospheric Chemistry, 2004, 49, 533-548.	3.2	38
5	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2002, 254, 109-115.	1.5	34
6	Air Pollution Study in the Republic of Moldova Using Moss Biomonitoring Technique. Bulletin of Environmental Contamination and Toxicology, 2017, 98, 262-269.	2.7	24
7	Atmospheric deposition of metals in romania studied by biomonitoring using the epiphytic moss <i>hypnum cupressiforme</i> . International Journal of Environmental Analytical Chemistry, 2004, 84, 845-854.	3.3	18
8	<i>Spirulina platensis</i> as biosorbent of chromium and nickel from industrial effluents. Desalination and Water Treatment, 2016, 57, 11103-11110.	1.0	18
9	Selenium uptake and assessment of the biochemical changes in <i>Arthrospira</i> (<i>Spirulina</i>) <i>platensis</i> biomass during the synthesis of selenium nanoparticles. Canadian Journal of Microbiology, 2017, 63, 27-34.	1.7	18
10	Metal Uptake from Complex Industrial Effluent by Cyanobacteria <i>Arthrospira platensis</i> . Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	17
11	On the geochemistry of the Late Quaternary loess deposits of Dobrogea (Romania). Quaternary International, 2016, 399, 100-110.	1.5	16
12	Complex investigation of the five 19th century Russian-Lipovan icons. Microchemical Journal, 2019, 150, 104126.	4.5	16
13	Characterization of Heavy Metal Air Pollution in Romania Using Moss Biomonitoring, Neutron Activation Analysis, and Atomic Absorption Spectrometry. Analytical Letters, 2017, 50, 2851-2858.	1.8	15
14	Epithermal neutrons activation analysis, radiochemical and radiometric investigations of evaporitic deposits of Slanic-Prahova (Romania) salt mine. Radiochimica Acta, 2009, 97, .	1.2	14
15	Application of <i>Arthrospira</i> (<i>Spirulina</i>) <i>platensis</i> biomass for silver removal from aqueous solutions. International Journal of Phytoremediation, 2017, 19, 1053-1058.	3.1	13
16	Geographical Origin Identification of Moldavian Wines by Neutron Activation Analysis. Food Analytical Methods, 2017, 10, 3523-3530.	2.6	12
17	Active <i>Sphagnum girgensohnii</i> Russow Moss Biomonitoring of an Industrial Site in Romania: Temporal Variation in the Elemental Content. Bulletin of Environmental Contamination and Toxicology, 2016, 96, 650-656.	2.7	11
18	Assessment of Phosphatic Fertilizer Production Impact on Occupational Staff Based on NAA of Hair, Nails, and Inhaled Particles. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2005, 40, 2137-2152.	1.7	10

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19	Assessment of the impact of a phosphatic fertilizer plant on the adjacent environment using fuzzy logic. <i>Open Chemistry</i> , 2006, 4, 29-55.	1.9	10
20	An ENAA and PGAA comparative study of anoxic Black Sea sediments. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009, 279, 7-12.	1.5	10
21	Elemental content of mosses and lichens from Livingston Island (Antarctica) as determined by instrumental neutron activation analysis (INAA). <i>Environmental Science and Pollution Research</i> , 2017, 24, 5717-5732.	5.3	10
22	Study of Chromium Adsorption onto Activated Carbon. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	9
23	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.	2.6	9
24	ENAA Studies of pollution in anoxic Black Sea sediments. <i>Marine Pollution Bulletin</i> , 2009, 58, 827-831.	5.0	8
25	Major, trace, and natural radioactive elements in bituminous coal from Australia, Romania, Russia, South Africa and Ukraine: A comparative study. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2005, 264, 525-534.	1.5	7
26	Epithermal neutron activation analysis investigation of Clarion-Clipperton abyssal plane clay and polymetallic micronodules. <i>Applied Radiation and Isotopes</i> , 2009, 67, 939-943.	1.5	6
27	Shape Memory NiTi and NiTiCu Alloys Obtained by Spark Plasma Sintering Process. <i>Advanced Engineering Forum</i> , 0, 13, 83-90.	0.3	6
28	The Effect of TiO ₂ Nanoparticles on the Composition and Ultrastructure of Wheat. <i>Nanomaterials</i> , 2021, 11, 3413.	4.1	6
29	A 4 T HTS Magnetic Field Generator, Conduction Cooled, for Neutron Physics Spectrometry. <i>IEEE Transactions on Applied Superconductivity</i> , 2016, 26, 1-4.	1.7	5
30	Intercomparison Between Neutron Activation Analysis Laboratories for Trace Elements Determination in Lacustrine Sediments. <i>Instrumentation Science and Technology</i> , 2003, 21, 665-676.	0.8	4
31	Major- and trace-element distribution in cigarette tobacco, ash and filters. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 629-634.	1.5	4
32	Development of the sample environment system for the DN-12 diffractometer on the IBR-2M pulsed reactor (pressure $\hat{=}$ temperature $\hat{=}$ magnetic field). Project status.. <i>Journal of Physics: Conference Series</i> , 2018, 1021, 012048.	0.4	4
33	Nostoc Linckia as Biosorbent of Chromium and Nickel from Electroplating Industry Wastewaters. <i>Journal of Materials Science and Engineering B</i> , 2014, 4, .	0.3	3
34	Epithermal neutron activation, radiometric, correlation and principal component analysis applied to the distribution of major and trace elements in some igneous and metamorphic rocks from Romania. <i>Applied Radiation and Isotopes</i> , 2009, 67, 901-906.	1.5	2
35	Thermo-Oxidative Behavior of Carbon Black Composites for Self-Regulating Heaters. <i>Advanced Engineering Forum</i> , 0, 34, 66-80.	0.3	2
36	Spatial distribution of multielements including lanthanides in sediments of Iron Gate I Reservoir in the Danube River. <i>Environmental Science and Pollution Research</i> , 2021, 28, 44877-44889.	5.3	2

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37	Epithermal Neutron Activation Analysis of Some Geological Samples of Different Origin. , 2010, , .		1
38	On the heavy elements content of sediments and rocks from two semiclosed ecosystems: Proglacial Lake Balea (Fagara Mountains) and Crater Lake St. Ana (Harghita Mountains). Physics of Particles and Nuclei Letters, 2013, 10, 469-475.	0.4	1
39	HEAVY METALS ATMOSPHERIC DEPOSITION STUDY IN POZNAN USING THE MOSS TECHNIQUE. , 2005, , .		1
40	The influence of different types of pesticides on elemental profiles of some fruit trees: Apple and plum. AIP Conference Proceedings, 2017, , .	0.4	0
41	The Geochemistry of 1 ky Old Euxinic Sediments of the Western Black Sea. Geosciences (Switzerland), 2019, 9, 455.	2.2	0