

Otilia Ana Culicov

List of Publications by Year in descending order

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41
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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	The Effect of TiO ₂ Nanoparticles on the Composition and Ultrastructure of Wheat. <i>Nanomaterials</i> , 2021, 11, 3413.	4.1	6
4	Complex investigation of the five 19th century Russian-Lipovan icons. <i>Microchemical Journal</i> , 2019, 150, 104126.	4.5	16
5	The Geochemistry of 1 ky Old Euxinic Sediments of the Western Black Sea. <i>Geosciences (Switzerland)</i> , 2019, 9, 455.	2.2	0
6	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
7	Development of the sample environment system for the DN-12 diffractometer on the IBR-2M pulsed reactor (pressure – temperature – magnetic field). Project status.. <i>Journal of Physics: Conference Series</i> , 2018, 1021, 012048.	0.4	4
8	Metal Uptake from Complex Industrial Effluent by Cyanobacteria <i>Arthrospira platensis</i> . <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	17
9	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
10	Geographical Origin Identification of Moldavian Wines by Neutron Activation Analysis. <i>Food Analytical Methods</i> , 2017, 10, 3523-3530.	2.6	12
11	Application of <i>Arthrospira (Spirulina) platensis</i> biomass for silver removal from aqueous solutions. <i>International Journal of Phytoremediation</i> , 2017, 19, 1053-1058.	3.1	13
12	Characterization of Heavy Metal Air Pollution in Romania Using Moss Biomonitoring, Neutron Activation Analysis, and Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 2017, 50, 2851-2858.	1.8	15
13	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. <i>Canadian Journal of Microbiology</i> , 2017, 63, 27-34.	1.7	18
14	Air Pollution Study in the Republic of Moldova Using Moss Biomonitoring Technique. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 98, 262-269.	2.7	24
15	The influence of different types of pesticides on elemental profiles of some fruit trees: Apple and plum. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
16	<i>Spirulina platensis</i> as biosorbent of chromium and nickel from industrial effluents. <i>Desalination and Water Treatment</i> , 2016, 57, 11103-11110.	1.0	18
17	Active <i>Sphagnum girgensohnii</i> Russow Moss Biomonitoring of an Industrial Site in Romania: Temporal Variation in the Elemental Content. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 96, 650-656.	2.7	11
18	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

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19	On the geochemistry of the Late Quaternary loess deposits of Dobrogea (Romania). <i>Quaternary International</i> , 2016, 399, 100-110.	1.5	16
20	Biochemical changes in cyanobacteria during the synthesis of silver nanoparticles. <i>Canadian Journal of Microbiology</i> , 2015, 61, 13-21.	1.7	40
21	Study of Chromium Adsorption onto Activated Carbon. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	9
22	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
23	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). <i>Physics of Particles and Nuclei Letters</i> , 2013, 10, 469-475.	0.4	1
24	Epithermal Neutron Activation Analysis of Some Geological Samples of Different Origin. , 2010, , .		1
25	Epithermal neutrons activation analysis, radiochemical and radiometric investigations of evaporitic deposits of Slanic-Prahova (Romania) salt mine. <i>Radiochimica Acta</i> , 2009, 97, .	1.2	14
26	ENAA Studies of pollution in anoxic Black Sea sediments. <i>Marine Pollution Bulletin</i> , 2009, 58, 827-831.	5.0	8
27	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
28	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
29	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
30	Comparison of element accumulation of different moss- and lichen-bags, exposed in the city of Sofia (Bulgaria). <i>Journal of Atmospheric Chemistry</i> , 2006, 55, 1-12.	3.2	62
31	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
32	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
33	Active Moss Biomonitoring Applied to an Industrial Site in Romania: Relative Accumulation of 36 Elements in Moss-Bags. <i>Environmental Monitoring and Assessment</i> , 2005, 108, 229-240.	2.7	41
34	Assessment of Phosphatic Fertilizer Production Impact on Occupational Staff Based on NAA of Hair, Nails, and Inhaled Particles. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2005, 40, 2137-2152.	1.7	10
35	HEAVY METALS ATMOSPHERIC DEPOSITION STUDY IN POZNAN USING THE MOSS TECHNIQUE. , 2005, , .		1
36	Atmospheric deposition of metals in Romania studied by biomonitoring using the epiphytic moss <i>Hylocomium cupressiforme</i> . <i>International Journal of Environmental Analytical Chemistry</i> , 2004, 84, 845-854.	3.3	18

#	ARTICLE	IF	CITATIONS
37	Atmospheric Deposition of Trace Elements in Romania Studied by the Moss Biomonitoring Technique. Journal of Atmospheric Chemistry, 2004, 49, 533-548.	3.2	38
38	Intercomparison Between Neutron Activation Analysis Laboratories for Trace Elements Determination in Lacustrine Sediments. Instrumentation Science and Technology, 2003, 21, 665-676.	0.8	4
39	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2002, 254, 109-115.	1.5	34
40	Shape Memory NiTi and NiTiCu Alloys Obtained by Spark Plasma Sintering Process. Advanced Engineering Forum, 0, 13, 83-90.	0.3	6
41	Thermo-Oxidative Behavior of Carbon Black Composites for Self-Regulating Heaters. Advanced Engineering Forum, 0, 34, 66-80.	0.3	2