

Mary L Sohn

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,297
citations

516710

16
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

3553
citing authors

#	ARTICLE	IF	CITATIONS
1	Aquatic arsenic: Toxicity, speciation, transformations, and remediation. <i>Environment International</i> , 2009, 35, 743-759.	10.0	913
2	Humic Acid-Induced Silver Nanoparticle Formation Under Environmentally Relevant Conditions. <i>Environmental Science & Technology</i> , 2011, 45, 3895-3901.	10.0	265
3	Interactions of Aqueous Ag ⁺ with Fulvic Acids: Mechanisms of Silver Nanoparticle Formation and Investigation of Stability. <i>Environmental Science & Technology</i> , 2013, 47, 757-764.	10.0	156
4	Biogeochemistry of selenium. A review. <i>Environmental Chemistry Letters</i> , 2015, 13, 49-58.	16.2	140
5	Stability studies for titanium dioxide nanoparticles upon adsorption of Suwannee River humic and fulvic acids and natural organic matter. <i>Science of the Total Environment</i> , 2014, 468-469, 249-257.	8.0	135
6	The effects of monovalent and divalent cations on the stability of silver nanoparticles formed from direct reduction of silver ions by Suwannee River humic acid/natural organic matter. <i>Science of the Total Environment</i> , 2012, 441, 277-289.	8.0	85
7	Assessment of toxicity of selenium and cadmium selenium quantum dots: A review. <i>Chemosphere</i> , 2017, 188, 403-413.	8.2	80
8	Kinetics of the oxidation of sucralose and related carbohydrates by ferrate(VI). <i>Chemosphere</i> , 2012, 87, 644-648.	8.2	68
9	Reactivity of chlorine dioxide with amino acids, peptides, and proteins. <i>Environmental Chemistry Letters</i> , 2012, 10, 255-264.	16.2	65
10	Oxidation of β -lactam antibiotics by ferrate(VI). <i>Chemical Engineering Journal</i> , 2013, 221, 446-451.	12.7	64
11	Effect of humic acid source on humic acid adsorption onto titanium dioxide nanoparticles. <i>Science of the Total Environment</i> , 2014, 470-471, 92-98.	8.0	60
12	A critical review of selenium analysis in natural water samples. <i>Trends in Environmental Analytical Chemistry</i> , 2015, 5, 1-7.	10.3	55
13	Quantitative determination of corticosteroids in bovine milk using mixed-mode polymeric strong cation exchange solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 919-928.	2.8	42
14	Organic matter source discrimination by humic acid characterization: Synchronous scan fluorescence spectroscopy and Ferrate(VI). <i>Chemosphere</i> , 2013, 90, 2013-2019.	8.2	36
15	Transport and deposition of Suwannee River Humic Acid/Natural Organic Matter formed silver nanoparticles on silica matrices: The influence of solution pH and ionic strength. <i>Chemosphere</i> , 2013, 92, 406-412.	8.2	26
16	Metal ion complex formation constants of some sedimentary humic acids with Zn(II), Cu(II) and Cd(II). <i>Geochimica Et Cosmochimica Acta</i> , 1981, 45, 2393-2399.	3.9	24
17	Remediation of Selenium in Water: A Review. , 2019, , 203-218.		18
18	Determination of Antimicrobial Residues in Honey by Liquid Chromatography Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2018, 11, 2043-2055.	2.6	16

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19	¹³ C NMR spectra and Cu(II) formation constants for humic acids from fluvial, estuarine and marine sediments. <i>Marine Chemistry</i> , 1986, 20, 61-72.	2.3	12
20	The adsorption of Cd(II) from seawater by humic acids of various sources of origin. <i>Organic Geochemistry</i> , 1990, 15, 439-447.	1.8	12
21	CPMAS ¹³ C NMR spectra of estuarine sedimentary humic acids. <i>Organic Geochemistry</i> , 1985, 8, 203-206.	1.8	10
22	Oxidation of Amino Acids, Peptides, and Proteins by Chlorine Dioxide. Implications for Water Treatment. <i>Environmental Chemistry for A Sustainable World</i> , 2012, , 237-254.	0.5	6
23	The Adsorption of Organomercury Compounds from Seawater onto Sedimentary Phases. <i>ACS Symposium Series</i> , 1986, , 369-381.	0.5	4
24	Effect of three insecticides on growth rates of soil fungi. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1986, 36, 533-539.	2.7	3
25	Organic Marine Geochemistry. <i>ACS Symposium Series</i> , 1986, , 1-8.	0.5	1
26	Sustainable Water Supplies: Reducing The Organic Matter Content of Potable Water. , 2009, , .		1