

Mary L Sohn

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

1,972

citations

16

h-index

26

g-index

26

ext. papers

2,132

ext. citations

7.3

avg, IF

5.14

L-index

#	Paper	IF	Citations
26	Aquatic arsenic: toxicity, speciation, transformations, and remediation. <i>Environment International</i> , 2009 , 35, 743-59	12.9	784
25	Humic acid-induced silver nanoparticle formation under environmentally relevant conditions. <i>Environmental Science & Technology</i> , 2011 , 45, 3895-901	10.3	240
24	Interactions of aqueous Ag ⁺ with fulvic acids: mechanisms of silver nanoparticle formation and investigation of stability. <i>Environmental Science & Technology</i> , 2013 , 47, 757-64	10.3	137
23	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, 249-57	10.2	119
22	Biogeochemistry of selenium. A review. <i>Environmental Chemistry Letters</i> , 2015 , 13, 49-58	13.3	107
21	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, 277-89	10.2	70
20	Assessment of toxicity of selenium and cadmium selenium quantum dots: A review. <i>Chemosphere</i> , 2017 , 188, 403-413	8.4	63
19	Kinetics of the oxidation of sucralose and related carbohydrates by ferrate(VI). <i>Chemosphere</i> , 2012 , 87, 644-8	8.4	61
18	Effect of humic acid source on humic acid adsorption onto titanium dioxide nanoparticles. <i>Science of the Total Environment</i> , 2014 , 470-471, 92-8	10.2	55
17	Oxidation of β -lactam antibiotics by ferrate(VI). <i>Chemical Engineering Journal</i> , 2013 , 221, 446-451	14.7	53
16	Reactivity of chlorine dioxide with amino acids, peptides, and proteins. <i>Environmental Chemistry Letters</i> , 2012 , 10, 255-264	13.3	51
15	A critical review of selenium analysis in natural water samples. <i>Trends in Environmental Analytical Chemistry</i> , 2015 , 5, 1-7	12	49
14	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, 919-28	3.5	40
13	Organic matter source discrimination by humic acid characterization: synchronous scan fluorescence spectroscopy and Ferrate(VI). <i>Chemosphere</i> , 2013 , 90, 2013-9	8.4	31
12	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	5.5	24
11	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, 406-12	8.4	22
10	Remediation of Selenium in Water: A Review 2019 , 203-218		13

9	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	3.7	12
8	Determination of Antimicrobial Residues in Honey by Liquid Chromatography Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2018 , 11, 2043-2055	3.4	10
7	The adsorption of Cd(II) from seawater by humic acids of various sources of origin. <i>Organic Geochemistry</i> , 1990 , 15, 439-447	3.1	10
6	CPMAS ¹³ C NMR spectra of estuarine sedimentary humic acids. <i>Organic Geochemistry</i> , 1985 , 8, 203-206	3.1	9
5	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	0.8	5
4	Effect of three insecticides on growth rates of soil fungi. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1986 , 36, 533-9	2.7	3
3	The Adsorption of Organomercury Compounds from Seawater onto Sedimentary Phases. <i>ACS Symposium Series</i> , 1986 , 369-381	0.4	2
2	Sustainable Water Supplies: Reducing The Organic Matter Content of Potable Water 2009 ,		1
1	Organic Marine Geochemistry. <i>ACS Symposium Series</i> , 1986 , 1-8	0.4	1