

Sameera R Gunatilake

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.

18
papers

637
citations

11
h-index

19
g-index

19
ext. papers

847
ext. citations

6
avg, IF

4.26
L-index

#	Paper	IF	Citations
18	Biochar based removal of antibiotic sulfonamides and tetracyclines in aquatic environments: A critical review. <i>Bioresource Technology</i> , 2017 , 246, 150-159	11	291
17	Removal of Arsenic(III) from water using magnetite precipitated onto Douglas fir biochar. <i>Journal of Environmental Management</i> , 2019 , 250, 109429	7.9	81
16	Fe ₃ O ₄ Nanoparticles Dispersed on Douglas Fir Biochar for Phosphate Sorption. <i>ACS Applied Nano Materials</i> , 2019 , 2, 3467-3479	5.6	66
15	The influence of three acid modifications on the physicochemical characteristics of tea-waste biochar pyrolyzed at different temperatures: a comparative study.. <i>RSC Advances</i> , 2019 , 9, 17612-17622	3.7	46
14	Sorptive removal of toluene and m-xylene by municipal solid waste biochar: Simultaneous municipal solid waste management and remediation of volatile organic compounds. <i>Journal of Environmental Management</i> , 2019 , 238, 323-330	7.9	30
13	Determination of five estrogens in wastewater using a comprehensive two-dimensional gas chromatograph. <i>Analytical Methods</i> , 2014 , 6, 5652-5658	3.2	17
12	Recent advancements in analytical methods for the determination of steroidal estrogen residues in environmental and food matrices. <i>Analytical Methods</i> , 2016 , 8, 5556-5568	3.2	16
11	A novel approach to determine estrogenic hormones in swine lagoon wastewater using the QuEChERS method combined with solid phase extraction and LC/MS/MS analysis. <i>Analytical Methods</i> , 2014 , 6, 9267-9275	3.2	15
10	Analysis of trace dicyandiamide in stream water using solid phase extraction and liquid chromatography UV spectrometry. <i>Journal of Environmental Sciences</i> , 2015 , 35, 38-42	6.4	14
9	Biochar based sorptive remediation of steroidal estrogen contaminated aqueous systems: A critical review. <i>Environmental Research</i> , 2020 , 191, 110183	7.9	13
8	Undergraduate Laboratory Experiment Modules for Probing Gold Nanoparticle Interfacial Phenomena. <i>Journal of Chemical Education</i> , 2015 , 92, 1924-1927	2.4	12
7	Analysis of estrogens in wastewater using solid-phase extraction, QuEChERS cleanup, and liquid chromatography/ tandem mass spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2013 , 96, 1440-7	1.7	10
6	Microwave and open vessel digestion methods for biochar. <i>Chemosphere</i> , 2020 , 239, 124788	8.4	10
5	Nitric acid surface pre-modification of novel <i>Lasia spinosa</i> biochar for enhanced methylene blue remediation. <i>Groundwater for Sustainable Development</i> , 2021 , 14, 100603	6	5
4	Determination of steroidal estrogens in food matrices: current status and future perspectives. <i>Current Opinion in Food Science</i> , 2019 , 28, 104-113	9.8	4
3	Biochar for Sustainable Agriculture 2019 , 211-224		4
2	Effect of acid modified tea-waste biochar on crop productivity of red onion (<i>Allium cepa</i> L.). <i>Chemosphere</i> , 2021 , 132551	8.4	2

- 1 An insight into the sorptive interactions between aqueous contaminants and biochar **2022**, 643-666