

# Sameera R Gunatilake

## List of Publications by Year in Descending Order

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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	An insight into the sorptive interactions between aqueous contaminants and biochar <b>2022</b> , 643-666		
17	Effect of acid modified tea-waste biochar on crop productivity of red onion ( <i>Allium cepa</i> L.). <i>Chemosphere</i> , <b>2021</b> , 132551	8.4	2
16	Nitric acid surface pre-modification of novel <i>Lasia spinosa</i> biochar for enhanced methylene blue remediation. <i>Groundwater for Sustainable Development</i> , <b>2021</b> , 14, 100603	6	5
15	Biochar based sorptive remediation of steroidal estrogen contaminated aqueous systems: A critical review. <i>Environmental Research</i> , <b>2020</b> , 191, 110183	7.9	13
14	Microwave and open vessel digestion methods for biochar. <i>Chemosphere</i> , <b>2020</b> , 239, 124788	8.4	10
13	Removal of Arsenic(III) from water using magnetite precipitated onto Douglas fir biochar. <i>Journal of Environmental Management</i> , <b>2019</b> , 250, 109429	7.9	81
12	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> , <b>2019</b> , 9, 17612-17622	3.7	46
11	Fe <sub>3</sub> O <sub>4</sub> Nanoparticles Dispersed on Douglas Fir Biochar for Phosphate Sorption. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 3467-3479	5.6	66
10	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> , <b>2019</b> , 238, 323-330	7.9	30
9	Determination of steroidal estrogens in food matrices: current status and future perspectives. <i>Current Opinion in Food Science</i> , <b>2019</b> , 28, 104-113	9.8	4
8	Biochar for Sustainable Agriculture <b>2019</b> , 211-224		4
7	Biochar based removal of antibiotic sulfonamides and tetracyclines in aquatic environments: A critical review. <i>Bioresource Technology</i> , <b>2017</b> , 246, 150-159	11	291
6	Recent advancements in analytical methods for the determination of steroidal estrogen residues in environmental and food matrices. <i>Analytical Methods</i> , <b>2016</b> , 8, 5556-5568	3.2	16
5	Analysis of trace dicyandiamide in stream water using solid phase extraction and liquid chromatography UV spectrometry. <i>Journal of Environmental Sciences</i> , <b>2015</b> , 35, 38-42	6.4	14
4	Undergraduate Laboratory Experiment Modules for Probing Gold Nanoparticle Interfacial Phenomena. <i>Journal of Chemical Education</i> , <b>2015</b> , 92, 1924-1927	2.4	12
3	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> , <b>2014</b> , 6, 9267-9275	3.2	15
2	Determination of five estrogens in wastewater using a comprehensive two-dimensional gas chromatograph. <i>Analytical Methods</i> , <b>2014</b> , 6, 5652-5658	3.2	17

- 1 Analysis of estrogens in wastewater using solid-phase extraction, QuEChERS cleanup, and liquid chromatography/ tandem mass spectrometry. *Journal of AOAC INTERNATIONAL*, **2013**, 96, 1440-7 1.7 10