

Sameera R Gunatilake

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,048
citations

687220

13
h-index

887953

17
g-index

19
all docs

19
docs citations

19
times ranked

1239
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Biochar based removal of antibiotic sulfonamides and tetracyclines in aquatic environments: A critical review. <i>Bioresource Technology</i> , 2017, 246, 150-159. | 4.8 | 440 |
| 2 | Removal of Arsenic(III) from water using magnetite precipitated onto Douglas fir biochar. <i>Journal of Environmental Management</i> , 2019, 250, 109429. | 3.8 | 145 |
| 3 | Fe ₃ O ₄ Nanoparticles Dispersed on Douglas Fir Biochar for Phosphate Sorption. <i>ACS Applied Nano Materials</i> , 2019, 2, 3467-3479. | 2.4 | 111 |
| 4 | 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. | 1.7 | 87 |
| 5 | 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. | 3.8 | 50 |
| 6 | Biochar based sorptive remediation of steroidal estrogen contaminated aqueous systems: A critical review. <i>Environmental Research</i> , 2020, 191, 110183. | 3.7 | 34 |
| 7 | 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. | 1.3 | 22 |
| 8 | 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. | 3.2 | 21 |
| 9 | Determination of five estrogens in wastewater using a comprehensive two-dimensional gas chromatograph. <i>Analytical Methods</i> , 2014, 6, 5652-5658. | 1.3 | 19 |
| 10 | Undergraduate Laboratory Experiment Modules for Probing Gold Nanoparticle Interfacial Phenomena. <i>Journal of Chemical Education</i> , 2015, 92, 1924-1927. | 1.1 | 19 |
| 11 | 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. | 2.3 | 19 |
| 12 | 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. | 1.3 | 18 |
| 13 | Microwave and open vessel digestion methods for biochar. <i>Chemosphere</i> , 2020, 239, 124788. | 4.2 | 18 |
| 14 | Effect of acid modified tea-waste biochar on crop productivity of red onion (<i>Allium cepa</i> L.). <i>Chemosphere</i> , 2022, 288, 132551. | 4.2 | 13 |
| 15 | 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, 1440-1447. | 0.7 | 10 |
| 16 | Determination of steroidal estrogens in food matrices: current status and future perspectives. <i>Current Opinion in Food Science</i> , 2019, 28, 104-113. | 4.1 | 9 |
| 17 | Biochar for Sustainable Agriculture. , 2019, , 211-224. | | 7 |
| 18 | Surface interactions of oxytetracycline on municipal solid waste-derived biochar–montmorillonite composite. <i>Sustainable Environment</i> , 2022, 8, . | 1.2 | 6 |

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|----|--|----|-----------|
| 19 | An insight into the sorptive interactions between aqueous contaminants and biochar. , 2022, , 643-666. | | 0 |