

Gokulan Ravindiran

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Biodecolorization of Reactive Red 120 in batch and packed bed column using biochar derived from <i>Ulva reticulata</i> . <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 1707-1721.	2.9	12
2	Evaluation of the adsorptive removal of cationic dyes by greening biochar derived from agricultural bio-waste of rice husk. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 4047-4060.	2.9	22
3	Production of <i>Ulva prolifera</i> derived biochar and evaluation of adsorptive removal of Reactive Red 120: batch, isotherm, kinetic, thermodynamic and regeneration studies. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 5379-5390.	2.9	9
4	Continuous sorption of methylene blue dye from aqueous solution using effective microorganisms-based water hyacinth waste compost in a packed column. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 1189-1198.	2.9	9
5	Biochar from waste biomass as a biocatalyst for biodiesel production: an overview. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 3665-3676.	1.6	11
6	Soft computing-based models and decolorization of Reactive Yellow 81 using <i>Ulva Prolifera</i> biochar. <i>Chemosphere</i> , 2022, 287, 132368.	4.2	14
7	Towards sustainable biodiesel production by solar intensification of waste cooking oil and engine parameter assessment studies. <i>Science of the Total Environment</i> , 2022, 804, 150236.	3.9	14
8	Biochar for removal of dyes in contaminated water: an overview. <i>Biochar</i> , 2022, 4, 1.	6.2	93
9	Effective Removal of Reactive Yellow 145 (RY145) using Biochar Derived from Groundnut Shell. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-7.	1.0	5
10	Decolourization of Reactive Red 120 Using Agro Waste-Derived Biochar. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-7.	1.0	3
11	Strength Prediction of Self-Consolidating Concrete Containing Steel Fibre with Different Fibre Aspect Ratio. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-16.	1.5	6
12	Removal of Reactive Red 120 in a Batch Technique Using Seaweed-Based Biochar: A Response Surface Methodology Approach. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-12.	1.5	5
13	Experimental Investigation on Reactive Orange 16 Removal Using Waste Biomass of <i>Ulva prolifera</i> . <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-8.	1.0	5
14	Optimization of River Sand with Spent Garnet Sand in Concrete Using RSM and R Programming Packages. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-8.	1.5	3
15	Biosorption of Malachite Green from Aqueous Phase by Tamarind Fruit Shells Using FBR. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-7.	1.0	6
16	Optimization of process conditions using RSM and ANFIS for the removal of Remazol Brilliant Orange 3R in a packed bed column. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100086.	1.3	13
17	Treatment of RO Rejects Wastewater by Integrated Coagulation Cum Adsorption Process. <i>Polish Journal of Environmental Studies</i> , 2021, 30, 4031-4038.	0.6	1
18	Optimization of Remazol Black B Removal Using Biochar Produced from <i>Caulerpa scalpelliformis</i> Using Response Surface Methodology. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-8.	1.0	12

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19	Artificial neural network modelling for biodecolorization of Basic Violet 03 from aqueous solution by biochar derived from agro-bio waste of groundnut hull: Kinetics and thermodynamics. <i>Chemosphere</i> , 2021, 276, 130191.	4.2	16
20	Techno-economic feasibility of biochar as biosorbent for basic dye sequestration. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100107.	1.3	61
21	Continuous Sorption of Remazol Brilliant Orange 3R Using <i>Caulerpa scalpelliformis</i> Biochar. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-7.	1.0	7
22	Biodecolorization of Basic Violet 03 Using Biochar Derived from Agricultural Wastes: Isotherm and Kinetics. <i>Journal of Biobased Materials and Bioenergy</i> , 2020, 14, 316-326.	0.1	21
23	SORPTION KINETICS AND ISOTHERM STUDIES OF CATIONIC DYES USING GROUNDNUT (ARACHIS HYPOGAEA) SHELL DERIVED BIOCHAR A LOW-COST ADSORBENT. <i>Applied Ecology and Environmental Research</i> , 2020, 18, 1925-1939.	0.2	28
24	Remazol Effluent Treatment in Batch and Packed Bed Column Using Biochar Derived from Marine Seaweeds. <i>Nature Environment and Pollution Technology</i> , 2020, 19, 1931-1936.	0.2	2
25	Remediation of remazol dyes by biochar derived from <i>Caulerpa scalpelliformis</i> —An eco-friendly approach. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103297.	3.3	53
26	Comparative Desorption Studies on Remediation of Remazol Dyes Using Biochar (Sorbent) Derived from Green Marine Seaweeds. <i>ChemistrySelect</i> , 2019, 4, 7437-7445.	0.7	15
27	A Critical Insight into Biomass Derived Biosorbent for Bioremediation of Dyes. <i>ChemistrySelect</i> , 2019, 4, 9762-9775.	0.7	14
28	Biodecolorization of Basic Blue 41 using EM based Composts: Isotherm and Kinetics. <i>ChemistrySelect</i> , 2019, 4, 10006-10012.	0.7	8
29	Remediation of complex remazol effluent using biochar derived from green seaweed biomass. <i>International Journal of Phytoremediation</i> , 2019, 21, 1179-1189.	1.7	33
30	A novel sorbent <i>Ulva lactuca</i> derived biochar for remediation of Remazol Brilliant Orange 3R in packed column. <i>Water Environment Research</i> , 2019, 91, 642-649.	1.3	26
31	Removal of lead metal ion using biowaste of <i>Pithophora cleveana wittrock</i> and <i>Mimusops elengi</i> . <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-19.	1.2	5
32	Evaluation of the adsorption capacity of <i>Cocos Nucifera</i> shell derived biochar for basic dyes sequestration from aqueous solution. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-17.	1.2	16
33	Prediction of RSM and ANN in the decolorization of Reactive Orange 16 using biochar derived from <i>Ulva lactuca</i> . , 0, 211, 304-318.		10
34	Box Behnken experimental design for the optimization of Basic Violet 03 dye removal by groundnut shell derived biochar. , 0, 209, 379-391.		3
35	Biosorption of zinc metal ion in aqueous solution using biowaste of <i>Pithophora cleveana Wittrock</i> and <i>Mimusops elengi</i> . , 0, 218, 363-371.		6
36	Comparative adsorptive removal of Reactive Red 120 using RSM and ANFIS models in batch and packed bed column. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	9

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37	Effective removal of remazol brillinat orange 3R using a biochar derived from <i>Ulva reticulata</i> . <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-14.	1.2	7
38	Experimental and chemometric analysis of bioremediation of remazol dyes using biochar derived from green seaweeds. , 0, 184, 340-353.		18
39	Biodecolorization of Remazol dyes using biochar derived from <i>Ulva reticulata</i> : isotherm, kinetics, desorption and thermodynamic studies. , 0, 200, 286-295.		19