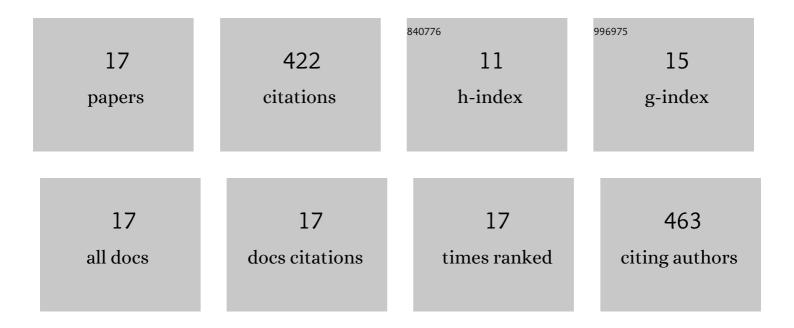
## Shubhalakshmi Sengupta

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10611435/publications.pdf Version: 2024-02-01



#	ARTICLE	IF	CITATIONS
1	Single-step synthesis of activated magnetic biochar derived from rice husk for hexavalent chromium adsorption: Equilibrium mechanism, kinetics, and thermodynamics analysis. Groundwater for Sustainable Development, 2022, 18, 100796.	4.6	27
2	Comparative biodegradation study of polymer from plastic bottle waste using novel isolated bacteria and fungi from marine source. Journal of Polymer Research, 2020, 27, 1.	2.4	45
3	Valorization of food waste: Extraction of cellulose, lignin and their application in energy use and water treatment. Fuel, 2020, 280, 118581.	6.4	48
4	Synthesis of Cellulose from Peanut Shell Waste and Its Use in Bioethanol Production. , 2020, , 81-91.		4
5	Novel Techniques of Synthesis of Nanocellulose from Sugarcane Bagasse and Its Applications in Dye Removal. , 2020, , 79-85.		0
6	Chemically reduced tea waste biochar and its application in treatment of fluoride containing wastewater: Batch and optimization using response surface methodology. Chemical Engineering Research and Design, 2018, 116, 553-563.	5.6	60
7	Integral approach of sorption coupled with biodegradation for treatment of azo dye using Pseudomonas sp.: batch, toxicity, and artificial neural network. 3 Biotech, 2018, 8, 192.	2.2	7
8	Assessment on the decolourization of textile dye (Reactive Yellow) using Pseudomonas sp. immobilized on fly ash: Response surface methodology optimization and toxicity evaluation. Journal of Environmental Management, 2018, 223, 185-195.	7.8	58
9	Calcium impregnated activated charcoal: Optimization and efficiency for the treatment of fluoride containing solution in batch and fixed bed reactor. Chemical Engineering Research and Design, 2017, 109, 18-29.	5.6	34
10	Comparative assessment on defluoridation of waste water using chemical and bio-reduced graphene oxide: Batch, thermodynamic, kinetics and optimization using response surface methodology and artificial neural network. Chemical Engineering Research and Design, 2017, 111, 221-231.	5.6	21
11	Thermodynamics and kinetics study of defluoridation using Ca-SiO2-TiO2 as adsorbent: Column studies and statistical approach. Korean Journal of Chemical Engineering, 2017, 34, 179-188.	2.7	4
12	Lauric acid coated fly ash as a reinforcement in recycled polymer matrix composites. Journal of Applied Polymer Science, 2015, 132, .	2.6	11
13	Stearic acid as coupling agent in fly ash reinforced recycled polypropylene matrix composites: Structural, mechanical, and thermal characterizations. Journal of Applied Polymer Science, 2013, 130, 1996-2004.	2.6	17
14	Sustainable Materials: Value-Added Composites from Recycled Polypropylene and Fly Ash Using a Green Coupling Agent. ACS Sustainable Chemistry and Engineering, 2013, 1, 574-584.	6.7	31
15	Development and Characterizations of Green Coupling Agent Coated Fly Ash Reinforced Recycled Polypropylene Matrix Composites. Advanced Materials Research, 2013, 747, 707-710.	0.3	1
16	Thermal and Structural Characterization of Furfuryl Palmitate Coated Fly Ash Reinforced Recycled Polypropylene Matrix Composites. Advanced Materials Research, 2012, 584, 551-555.	0.3	2
17	Furfuryl palmitate coated fly ash used as filler in recycled polypropylene matrix composites. Composites Part B: Engineering, 2011, 42, 1834-1839.	12.0	52