

Anu Mary Ealias

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.

9

papers

338

citations

7

h-index

9

g-index

9

ext. papers

474

ext. citations

6.7

avg, IF

4.43

L-index

#	Paper	IF	Citations
9	A review on the classification, characterisation, synthesis of nanoparticles and their application. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 263, 032019	0.4	213
8	Facile synthesis and characterisation of AlNs using Protein Rich Solution extracted from sewage sludge and its application for ultrasonic assisted dye adsorption: Isotherms, kinetics, mechanism and RSM design. <i>Journal of Environmental Management</i> , 2018 , 206, 215-227	7.9	26
7	Adsorption of textile dyes with ultrasonic assistance using green reduced graphene oxide: An in-depth investigation on sonochemical factors. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103479	6.8	24
6	Facile synthesis, growth process, characterisation of a nanourchin-structured MnO and their application on ultrasonic-assisted adsorptive removal of cationic dyes: A half-life and half-capacity concentration approach. <i>Ultrasonics Sonochemistry</i> , 2018 , 49, 175-189	8.9	22
5	A critical review on ultrasonic-assisted dye adsorption: Mass transfer, half-life and half-capacity concentration approach with future industrial perspectives. <i>Critical Reviews in Environmental Science and Technology</i> , 2019 , 49, 1959-2015	11.1	21
4	A study on combined effect of Fenton and Free Nitrous Acid treatment on sludge dewaterability with ultrasonic assistance: Preliminary investigation on improved calorific value. <i>Chemical Engineering Journal</i> , 2020 , 382, 123035	14.7	13
3	Biosynthesised magnetic iron nanoparticles for sludge dewatering via Fenton process. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 21416-21430	5.1	11
2	Fabrication of Dye-Sensitized Solar Cells using natural flower dye extracts: A study on performance analysis and solar dye degradation. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020 , 1-15	1.6	5
1	Application of protein-functionalised aluminium nanosheets synthesised from sewage sludge for dye removal in a fixed-bed column: Investigation on design parameters and kinetic models. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 2955-2976	5.1	3