

Fayaz Ali

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

886
citations

15
h-index

21
g-index

21
ext. papers

1,102
ext. citations

6.6
avg, IF

4.97
L-index

#	Paper	IF	Citations
18	Boron materials for energy applications 2022 , 203-289		1
17	Eggshell membranes coated chitosan decorated with metal nanoparticles for the catalytic reduction of organic contaminates. <i>Carbohydrate Polymers</i> , 2021 , 259, 117681	10.3	4
16	Boron Chemistry for Medical Applications. <i>Molecules</i> , 2020 , 25,	4.8	73
15	Metal nanoparticles supported on polyacrylamide water beads as catalyst for efficient generation of H ₂ from NaBH ₄ methanolysis. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 1532-1540	6.7	13
14	Lignocellulosic biomass supported metal nanoparticles for the catalytic reduction of organic pollutants. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 823-836	5.1	20
13	Chitosan coated cellulose cotton fibers as catalyst for the H ₂ production from NaBH ₄ methanolysis. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 4143-4155	6.7	31
12	Copper nanoparticles embedded chitosan for efficient detection and reduction of nitroaniline. <i>International Journal of Biological Macromolecules</i> , 2019 , 131, 666-675	7.9	34
11	Chitosan-coated polyurethane sponge supported metal nanoparticles for catalytic reduction of organic pollutants. <i>International Journal of Biological Macromolecules</i> , 2019 , 132, 772-783	7.9	63
10	Chitosan nanocomposite fibers supported copper nanoparticles based perceptive sensor and active catalyst for nitrophenol in real water. <i>Carbohydrate Polymers</i> , 2019 , 207, 650-662	10.3	31
9	Chitosan-titanium oxide fibers supported zero-valent nanoparticles: Highly efficient and easily retrievable catalyst for the removal of organic pollutants. <i>Scientific Reports</i> , 2018 , 8, 6260	4.9	81
8	Removal of Acid Yellow 17 Dye by Fenton Oxidation Process. <i>Zeitschrift Fur Physikalische Chemie</i> , 2018 , 232, 507-525	3.1	27
7	Enhanced H ₂ generation from NaBH ₄ hydrolysis and methanolysis by cellulose micro-fibrous cottons as metal templated catalyst. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 6539-6550	6.7	30
6	Synthesis and characterization of metal nanoparticles templated chitosan-SiO ₂ catalyst for the reduction of nitrophenols and dyes. <i>Carbohydrate Polymers</i> , 2018 , 192, 217-230	10.3	78
5	Carbamazepine degradation by UV and UV-assisted AOPs: Kinetics, mechanism and toxicity investigations. <i>Chemical Engineering Research and Design</i> , 2018 , 117, 307-314	5.5	63
4	Anti-bacterial chitosan/zinc phthalocyanine fibers supported metallic and bimetallic nanoparticles for the removal of organic pollutants. <i>Carbohydrate Polymers</i> , 2017 , 173, 676-689	10.3	79
3	Bactericidal and catalytic performance of green nanocomposite based-on chitosan/carbon black fiber supported monometallic and bimetallic nanoparticles. <i>Chemosphere</i> , 2017 , 188, 588-598	8.4	77
2	Chitosan coated cotton cloth supported zero-valent nanoparticles: Simple but economically viable, efficient and easily retrievable catalysts. <i>Scientific Reports</i> , 2017 , 7, 16957	4.9	80

1 CuO embedded chitosan spheres as antibacterial adsorbent for dyes. *International Journal of Biological Macromolecules*, **2016**, 88, 113-9 7.9 99