

Arvid Mohammad Masud

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

248
citations

1163117

8
h-index

1372567

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g-index

12
all docs

12
docs citations

12
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregation Behavior of Inorganic 2D Nanomaterials Beyond Graphene: Insights from Molecular Modeling and Modified DLVO Theory. <i>Environmental Science & Technology</i> , 2019, 53, 4161-4172.	10.0	51
2	Phenol and Cr(VI) removal using materials derived from harmful algal bloom biomass: Characterization and performance assessment for a biosorbent, a porous carbon, and Fe/C composites. <i>Journal of Hazardous Materials</i> , 2019, 368, 477-486.	12.4	40
3	Magnetic graphene oxide-nano zero valent iron (GO-nZVI) nanohybrids synthesized using biocompatible cross-linkers for methylene blue removal. <i>RSC Advances</i> , 2019, 9, 963-973.	3.6	36
4	Carboxymethylcellulose Mediates the Transport of Carbon Nanotube-Magnetite Nanohybrid Aggregates in Water-Saturated Porous Media. <i>Environmental Science & Technology</i> , 2017, 51, 12405-12415.	10.0	30
5	Adsorption and advanced oxidation of diverse pharmaceuticals and personal care products (PPCPs) from water using highly efficient rGO-nZVI nanohybrids. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2223-2238.	2.4	22
6	Emerging investigator series: 3D printed graphene-biopolymer aerogels for water contaminant removal: a proof of concept. <i>Environmental Science: Nano</i> , 2021, 8, 399-414.	4.3	22
7	<i>In Vitro</i> Pulmonary Toxicity of Reduced Graphene Oxide-Nano Zero Valent Iron Nanohybrids and Comparison with Parent Nanomaterial Attributes. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 12797-12806.	6.7	16
8	Shape matters: Cr(VI) removal using iron nanoparticle impregnated 1-D vs 2-D carbon nanohybrids prepared by ultrasonic spray pyrolysis. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	13
9	Redox-active rGO-nZVI nanohybrid-catalyzed chain shortening of perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS). <i>Journal of Hazardous Materials Letters</i> , 2021, 2, 100007.	3.6	9
10	Long-Term Exposure and Effects of rGO-nZVI Nanohybrids and Their Parent Nanomaterials on Wastewater-Nitrifying Microbial Communities. <i>Environmental Science & Technology</i> , 2022, 56, 512-524.	10.0	9