

Mohammed Majdoub

List of Publications by Year in descending order

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papers

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933447

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13
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citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging Chemical Functionalization of g-C ₃ N ₄ : Covalent/Noncovalent Modifications and Applications. ACS Nano, 2020, 14, 12390-12469.	14.6	258
2	New functionalization approach synthesis of Sulfur doped, Nitrogen doped and Co-doped porous carbon: Superior metal-free Carbocatalyst for the catalytic oxidation of aqueous organics pollutants. Chemical Engineering Journal, 2021, 405, 126660.	12.7	47
3	Engineering of amine-based binding chemistry on functionalized graphene oxide/alginate hybrids for simultaneous and efficient removal of trace heavy metals: Towards drinking water. Journal of Colloid and Interface Science, 2021, 589, 511-524.	9.4	41
4	Surface modification of highly hydrophobic polyester fabric coated with octadecylamine-functionalized graphene nanosheets. RSC Advances, 2020, 10, 24941-24950.	3.6	29
5	Synergistic effect of g-C ₃ N ₄ nanosheets/Ag ₃ PO ₄ microcubes as efficient n-p-type heterostructure based photoanode for photoelectrocatalytic dye degradation. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 409, 113127.	3.9	29
6	Octadecylamine as chemical modifier for tuned hydrophobicity of surface modified cellulose: toward organophilic cellulose nanocrystals. Cellulose, 2021, 28, 7717-7734.	4.9	24
7	New amino group functionalized porous carbon for strong chelation ability towards toxic heavy metals. RSC Advances, 2020, 10, 31087-31100.	3.6	20
8	Organophilic graphene nanosheets as a promising nanofiller for bio-based polyurethane nanocomposites: investigation of the thermal, barrier and mechanical properties. New Journal of Chemistry, 2019, 43, 15659-15672.	2.8	16
9	MoS ₂ nanosheets/silver nanoparticles anchored onto textile fabric as a dip catalyst for synergistic p-nitrophenol hydrogenation. Environmental Science and Pollution Research, 2021, 28, 64674-64686.	5.3	13
10	Engineering of H-Bonding Interactions in PVA/g-C ₃ N ₄ Hybrids for Enhanced Structural, Thermal, and Mechanical Properties: Toward Water-Responsive Shape Memory Nanocomposites. Advanced Materials Interfaces, 2022, 9, .	3.7	10
11	Self-Supporting g-C ₃ N ₄ Nanosheets/Ag Nanoparticles Embedded onto Polyester Fabric as a Dip-Catalyst for Synergic 4-Nitrophenol Hydrogenation. Catalysts, 2021, 11, 1533.	3.5	7
12	Octadecylamine-functionalized cellulose nanocrystals as durable superhydrophobic surface modifier for polyester coating: Towards oil/water separation. Results in Surfaces and Interfaces, 2022, 8, 100061.	2.4	5
13	In situ deposition of Ag nanoparticles onto PE/rGO hybrids for the dip-catalytic hydrogenation of 4-nitrophenol into 4-aminophenol. International Journal of Environmental Analytical Chemistry, 0, , 1-19.	3.3	3