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List of Publications by Year in descending order

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18
docs citations

18
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373
citing authors

#	ARTICLE	IF	CITATIONS
1	Binder free self-standing high performance supercapacitive electrode based on graphene/titanium carbide composite aerogel. Applied Surface Science, 2019, 481, 892-899.	6.1	52
2	One-step green route synthesis of spinel ZnMn ₂ O ₄ nanoparticles decorated on MWCNTs as a novel electrode material for supercapacitor. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 252, 114481.	3.5	50
3	Ultrafast synthesis of exfoliated manganese oxides in deep eutectic solvents for water purification and energy storage. Chemical Engineering Journal, 2020, 379, 122327.	12.7	38
4	Progress in marine derived renewable functional materials and biochar for sustainable water purification. Green Chemistry, 2021, 23, 8305-8331.	9.0	31
5	Engineering a Biopolymer-Based Ultrafast Permeable Aerogel Membrane Decorated with Task-Specific Fe-Al Nanocomposites for Robust Water Purification. ACS Applied Bio Materials, 2020, 3, 5233-5243.	4.6	21
6	Fe-Al based nanocomposite reinforced hydrothermal carbon: Efficient and robust absorbent for anionic dyes. Chemosphere, 2020, 259, 127421.	8.2	21
7	Multifunctional solvothermal carbon derived from alginate using "water-in-deep eutectic solvents"™ for enhancing enzyme activity. Chemical Communications, 2020, 56, 9659-9662.	4.1	21
8	Engineering Fe-doped highly oxygenated solvothermal carbon from glucose-based eutectic system as active microcleaner and efficient carbocatalyst. Journal of Materials Chemistry A, 2019, 7, 4988-4997.	10.3	20
9	Bioinspired engineering protein nanofibrils-based multilayered self-cleaning membranes for universal water purification. Journal of Hazardous Materials, 2022, 424, 127561.	12.4	20
10	Facile Process for Metallizing DNA in a Multitasking Deep Eutectic Solvent for Ecofriendly C-C Coupling Reaction and Nitrobenzene Reduction. ACS Sustainable Chemistry and Engineering, 2019, 7, 14225-14235.	6.7	19
11	Sustainable Water Purification Using an Engineered Solvothermal Carbon Based Membrane Derived from a Eutectic System. ACS Sustainable Chemistry and Engineering, 2019, 7, 10143-10153.	6.7	19
12	Boosting the electrochemical performance of polyaniline based all-solid-state flexible supercapacitor using NiFe ₂ O ₄ as adjuvant. Journal of Electroanalytical Chemistry, 2019, 851, 113482.	3.8	18
13	New prospects on solvothermal carbonisation assisted by organic solvents, ionic liquids and eutectic mixtures " A critical review. Progress in Materials Science, 2022, 126, 100932.	32.8	18
14	Synthesis, optical and electrochemical properties of new cyanopyridine derivatives. Journal of Luminescence, 2019, 206, 284-291.	3.1	15
15	Sorption based easy-to-use low-cost filters derived from invasive weed biomass for dye contaminated water cleanup. RSC Advances, 2022, 12, 9101-9111.	3.6	6
16	Nanocomposite-based high-performance adsorptive water filters: recent advances, limitations, nanotoxicity and environmental implications. Environmental Science: Nano, 2022, 9, 2320-2341.	4.3	6
17	Sustainable Polymer-Based Materials for Energy and Environmental Applications. Energy, Environment, and Sustainability, 2022, , 9-30.	1.0	2