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List of Publications by Year in descending order

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17
papers

378
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623734

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times ranked

373
citing authors

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