

Tong Xu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

413
citations

840776

11
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

475
citing authors

#	ARTICLE	IF	CITATIONS
1	A multifunctional anti-fog, antibacterial, and self-cleaning surface coating based on poly(NVP-co-MA). Chemical Engineering Journal, 2018, 351, 409-417.	12.7	72
2	Beetle-Inspired Hierarchical Antibacterial Interface for Reliable Fog Harvesting. ACS Applied Materials & Interfaces, 2019, 11, 34330-34337.	8.0	70
3	MnO ₂ Nanosheets Grown on Multichannel Carbon Nanofibers Containing Amorphous Cobalt Oxide as a Flexible Electrode for Supercapacitors. ACS Applied Energy Materials, 2019, 2, 8675-8684.	5.1	40
4	An effective approach to preparing MgO@Ag NPs@CNFs and Al ₂ O ₃ @Ag NPs@CNFs for styrene epoxidation action. RSC Advances, 2014, 4, 3195-3200.	3.6	23
5	Bifunctional BiOCl/TiO ₂ decorated membrane for antibiotic photodegradation and oil-water emulsion separation. Applied Surface Science, 2022, 578, 151960.	6.1	23
6	Co-construction of oxygen vacancies and heterojunctions on CeO ₂ via one-step Fe doping for enhanced photocatalytic activity in Suzuki reaction. Chemical Engineering Journal, 2022, 442, 136226.	12.7	23
7	Fabrication of palladium nanoparticles-loaded carbon nanofibers catalyst for the Heck reaction. New Journal of Chemistry, 2013, 37, 4037.	2.8	22
8	An oil-contamination-resistant PVP/PAN electrospinning membrane for high-efficient oil-water mixture and emulsion separation. Journal of Applied Polymer Science, 2021, 138, 50043.	2.6	20
9	Promoting electron transfer of surface oxygen vacancies in Pd/CeO ₂ -RE via doping engineering for enhancing catalytic activity in Suzuki coupling reaction. Journal of Catalysis, 2021, 399, 15-23.	6.2	16
10	Synthesis of β -, γ - and δ -Cyclodextrin/ Poly(Acrylonitrile) Composite Nanofibers and Their Applications to Cu(II) Ion Adsorption. Polymer-Plastics Technology and Engineering, 2014, 53, 513-519.	1.9	12
11	Synthesis, Characterization, and Photocatalytic Properties of Ag/TiO ₂ Composite Nanofibers Prepared by Electrospinning. Journal of Dispersion Science and Technology, 2014, 35, 777-782.	2.4	11
12	Antifouling Fibrous Membrane Enables High Efficiency and High-Flux Microfiltration for Water Treatment. ACS Applied Materials & Interfaces, 2021, 13, 49254-49265.	8.0	11
13	A facile approach to preparing palladium nanoparticles-embedded polyvinylpyrrolidone (PVP) heterogeneous hybrid nanofibers mats by electrospinning. Korean Journal of Chemical Engineering, 2013, 30, 2142-2150.	2.7	10
14	Crosslinked electrospinning membranes with contamination resistant properties for highly efficient oil-water separation. Journal of Polymer Research, 2021, 28, 1.	2.4	10
15	Well-dispersed copper nanorods grown on the surface-functionalized PAN fibers and its antibacterial activity. Journal of Applied Polymer Science, 2014, 131, .	2.6	9
16	An effective photothermal dual-responsive Pd ₁ Cu ₄ /Ce _x O _y catalyst for Suzuki-Miyaura coupling reactions under mild conditions. New Journal of Chemistry, 2020, 44, 3794-3801.	2.8	9
17	Facile adjusting the concentration of siliceous seed to obtain ZSM-5 for cycloaddition reaction of styrene oxide and CO ₂ . Inorganic and Nano-Metal Chemistry, 2020, 50, 1087-1093.	1.6	8
18	Synthesis and Characterization of Cu Nanoparticles Embedded in PAN/ β -Cyclodextrin (β -CD) Composite Nanofiber Films. Particulate Science and Technology, 2014, 32, 306-310.	2.1	5

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19	Preparing Pd catalysts based on urea ligand via electrospinning for Suzuki–Miyaura cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5877.	3.5	5
20	Synthesis of well-dispersed copper nanoparticles in electrospun polyacrylonitrile nanofibres. <i>Micro and Nano Letters</i> , 2013, 8, 849-852.	1.3	4
21	Enhancement of the catalytic activity of Suzuki coupling reactions by reduction of modified carriers and promotion of Pd/H ₂ -Pr _x O _y surface electron transfer. <i>New Journal of Chemistry</i> , 2022, 46, 14879-14887.	2.8	4
22	B-site W ion-doped La _{0.5} Sr _{0.5} Co _{1-x} W _x O ₃ perovskite nanofibers with defects as bifunctional oxygen catalysts for rechargeable zinc-air batteries. <i>Sustainable Energy and Fuels</i> , 2021, 5, 3818-3824.	4.9	3
23	Activating Pd nanoparticles via the Mott-Schottky effect in Ni doped CeO ₂ nanotubes for enhanced catalytic Suzuki reaction. <i>Molecular Catalysis</i> , 2022, 528, 112452.	2.0	3