

# 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	Bifunctional BiOCl/TiO <sub>2</sub> decorated membrane for antibiotic photodegradation and oil-water emulsion separation. Applied Surface Science, 2022, 578, 151960.	6.1	23
2	Co-construction of oxygen vacancies and heterojunctions on CeO <sub>2</sub> via one-step Fe doping for enhanced photocatalytic activity in Suzuki reaction. Chemical Engineering Journal, 2022, 442, 136226.	12.7	23
3	Enhancement of the catalytic activity of Suzuki coupling reactions by reduction of modified carriers and promotion of Pd/H <sub>2</sub> -Pr <sub>2</sub> O <sub>2</sub> surface electron transfer. New Journal of Chemistry, 2022, 46, 14879-14887.	2.8	4
4	Activating Pd nanoparticles via the Mott-Schottky effect in Ni doped CeO <sub>2</sub> nanotubes for enhanced catalytic Suzuki reaction. Molecular Catalysis, 2022, 528, 112452.	2.0	3
5	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
6	Promoting electron transfer of surface oxygen vacancies in Pd/CeO <sub>2</sub> -RE via doping engineering for enhancing catalytic activity in Suzuki coupling reaction. Journal of Catalysis, 2021, 399, 15-23.	6.2	16
7	Crosslinked electrospinning membranes with contamination resistant properties for highly efficient oil-water separation. Journal of Polymer Research, 2021, 28, 1.	2.4	10
8	B-site W ion-doped La <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>1-x</sub> W <sub>x</sub> O <sub>3</sub> perovskite nanofibers with defects as bifunctional oxygen catalysts for rechargeable zinc-air batteries. Sustainable Energy and Fuels, 2021, 5, 3818-3824.	4.9	3
9	Antifouling Fibrous Membrane Enables High Efficiency and High-Flux Microfiltration for Water Treatment. ACS Applied Materials & Interfaces, 2021, 13, 49254-49265.	8.0	11
10	Preparing Pd catalysts based on urea ligand via electrospinning for Suzuki-Miyaura cross-coupling reactions. Applied Organometallic Chemistry, 2020, 34, e5877.	3.5	5
11	Facile adjusting the concentration of siliceous seed to obtain ZSM-5 for cycloaddition reaction of styrene oxide and CO <sub>2</sub> . Inorganic and Nano-Metal Chemistry, 2020, 50, 1087-1093.	1.6	8
12	An effective photothermal dual-responsive Pd <sub>1</sub> Cu <sub>4</sub> /Ce <sub>x</sub> O <sub>y</sub> catalyst for Suzuki-Miyaura coupling reactions under mild conditions. New Journal of Chemistry, 2020, 44, 3794-3801.	2.8	9
13	Beetle-Inspired Hierarchical Antibacterial Interface for Reliable Fog Harvesting. ACS Applied Materials & Interfaces, 2019, 11, 34330-34337.	8.0	70
14	MnO <sub>2</sub> 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
15	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
16	Synthesis of $\beta$ -, $\gamma$ - and $\delta$ -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
17	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
18	Synthesis and Characterization of Cu Nanoparticles Embedded in PAN/ $\beta$ -Cyclodextrin ( $\beta$ -CD) Composite Nanofiber Films. Particulate Science and Technology, 2014, 32, 306-310.	2.1	5

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19	Synthesis, Characterization, and Photocatalytic Properties of Ag/TiO <sub>2</sub> Composite Nanofibers Prepared by Electrospinning. <i>Journal of Dispersion Science and Technology</i> , 2014, 35, 777-782.	2.4	11
20	An effective approach to preparing MgO@Ag NPs@CNFs and Al <sub>2</sub> O <sub>3</sub> @Ag NPs@CNFs for styrene epoxidation action. <i>RSC Advances</i> , 2014, 4, 3195-3200.	3.6	23
21	A facile approach to preparing palladium nanoparticles-embedded polyvinylpyrrolidone (PVP) heterogeneous hybrid nanofibers mats by electrospinning. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 2142-2150.	2.7	10
22	Fabrication of palladium nanoparticles-loaded carbon nanofibers catalyst for the Heck reaction. <i>New Journal of Chemistry</i> , 2013, 37, 4037.	2.8	22
23	Synthesis of well-dispersed copper nanoparticles in electrospun polyacrylonitrile nanofibres. <i>Micro and Nano Letters</i> , 2013, 8, 849-852.	1.3	4