Ying Chuan Tan

List of Publications by Year
in descending order

16	870	567281 15	940533 16
papers	citations	h-index	g-index

16	16	16	1197
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diametrically opposite effect of Cu2+ on sulfamerazine and ciprofloxacin adsorption-photodegradation in g-C3N4/visible light system: behavior and mechanism study. Chemical Engineering Journal, 2022, 428, 131065.	12.7	20
2	Antioxidative and Antiâ€UV Lignin Carrier for Peptide Delivery. Macromolecular Chemistry and Physics, 2022, 223, 2100364.	2.2	4
3	Pitfalls and Protocols: Evaluating Catalysts for CO₂ Reduction in Electrolyzers Based on Gas Diffusion Electrodes. ACS Energy Letters, 2022, 7, 2012-2023.	17.4	24
4	System Design Considerations for Enhancing Electroproduction of Formate from Simulated Flue Gas. ACS Sustainable Chemistry and Engineering, 2021, 9, 2348-2357.	6.7	26
5	Synthetic multiscale design of nanostructured Ni single atom catalyst for superior CO2 electroreduction. Chemical Engineering Journal, 2021, 426, 131063.	12.7	43
6	Tunable Product Selectivity in Electrochemical CO₂ Reduction on Well-Mixed Niâ€“Cu Alloys. ACS Applied Materials & Interfaces, 2021, 13, 55272-55280.	8.0	24
7	Enhancing Glycerol Conversion and Selectivity toward Glycolic Acid via Precise Nanostructuring of Electrocatalysts. ACS Catalysis, 2021, 11, 14926-14931.	11.2	24
8	Over a 15.9% Solar-to-CO Conversion from Dilute CO₂ Streams Catalyzed by Gold Nanoclusters Exhibiting a High CO₂ Binding Affinity. ACS Energy Letters, 2020, 5, 749-757.	17.4	103
9	Synthesis of a Nickel Single-Atom Catalyst Based on Niâ€“N_{4â€“x}C_x Active Sites for Highly Efficient CO₂ Reduction Utilizing a Gas Diffusion Electrode. ACS Applied Energy Materials, 2020, 3, 8739-8745.	5.1	34
10	Modulating Local CO2 Concentration as a General Strategy for Enhancing Cå^'C Coupling in CO2 Electroreduction. Joule, 2020, 4, 1104-1120.	24.0	237
11	Activation of C2H4 reaction pathways in electrochemical CO2 reduction under low CO2 partial pressure. Applied Catalysis B: Environmental, 2020, 272, 119049.	20.2	50
12	Lowâ€Dimensional Metalâ€Organic Frameworks and their Diverse Functional Roles in Catalysis. ChemCatChem, 2019, 11, 3138-3165.	3.7	22
13	Lewis basicity generated by localised charge imbalance in noble metal nanoparticle-embedded defective metalâ€“organic frameworks. Nature Communications, 2018, 9, 4326.	12.8	46
14	Defect Creation in HKUSTâ€1 via Molecular Imprinting: Attaining Anionic Framework Property and Mesoporosity for Cation Exchange Applications. Advanced Functional Materials, 2017, 27, 1703765.	14.9	57
15	Self-templating synthesis of hollow spheres of MOFs and their derived nanostructures. Chemical Communications, 2016, 52, 11591-11594.	4.1	89
16	A General Synthetic Approach for Integrated Nanocatalysts of Metal-Silica@ZIFs. Chemistry of Materials, 2016, 28, 326-336.	6.7	67