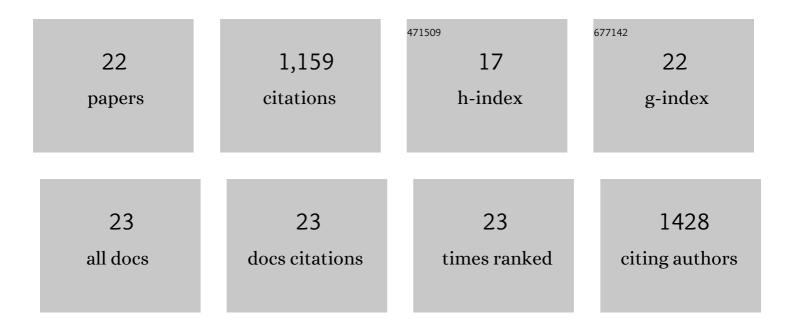
Xiaochen Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2914604/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Hierarchically nanoporous copolymer with built-in carbene-CO2 adducts as halogen-free heterogeneous organocatalyst towards cycloaddition of carbon dioxide into carbonates. Chemical Engineering Journal, 2021, 403, 126460.	12.7	51
2	Synergistic catalysis of one-pot cascade reactions by acidic and basic binary porous polymers. Applied Surface Science, 2019, 478, 221-229.	6.1	23
3	Low Temperature Chemoselective Hydrogenation of Aldehydes over a Magnetic Pd Catalyst. Applied Sciences (Switzerland), 2019, 9, 1792.	2.5	1
4	Constructing POSS and viologen-linked porous cationic frameworks induced by the Zincke reaction for efficient CO ₂ capture and conversion. Chemical Communications, 2018, 54, 12174-12177.	4.1	52
5	Efficient Oxidation of Glucose into Gluconic Acid Catalyzed by Oxygen-Rich Carbon Supported Pd Under Room Temperature and Atmospheric Pressure. Catalysis Letters, 2018, 148, 2019-2029.	2.6	16
6	P-Doped carbons derived from cellulose as highly efficient metal-free catalysts for aerobic oxidation of benzyl alcohol in water under an air atmosphere. Chemical Communications, 2018, 54, 8991-8994.	4.1	29
7	Highly Active Palladiumâ€Based Catalyst System for the Aerobic Oxidative Direct Coupling of Benzene to Biphenyl. ChemCatChem, 2016, 8, 448-454.	3.7	16
8	Hydroxyl-Exchanged Nanoporous Ionic Copolymer toward Low-Temperature Cycloaddition of Atmospheric Carbon Dioxide into Carbonates. ACS Applied Materials & Interfaces, 2016, 8, 12812-12821.	8.0	126
9	Ionic self-assembly affords mesoporous ionic networks by crosslinking linear polyviologens with polyoxometalate clusters. Dalton Transactions, 2016, 45, 4504-4508.	3.3	20
10	Fully-occupied Keggin type polyoxometalate as solid base for catalyzing CO ₂ cycloaddition and Knoevenagel condensation. Catalysis Science and Technology, 2016, 6, 460-467.	4.1	51
11	Hydrophobic Mesoporous Poly(ionic liquid)s towards Highly Efficient and Contaminationâ€Resistant Solidâ€Base Catalysts. ChemCatChem, 2015, 7, 993-1003.	3.7	62
12	A hierarchical meso-macroporous poly(ionic liquid) monolith derived from a single soft template. Chemical Communications, 2015, 51, 4969-4972.	4.1	87
13	Construction of porous cationic frameworks by crosslinking polyhedral oligomeric silsesquioxane units with N-heterocyclic linkers. Scientific Reports, 2015, 5, 11236.	3.3	64
14	Hypercrosslinked organic polymer based carbonaceous catalytic materials: Sulfonic acid functionality and nano-confinement effect. Applied Catalysis B: Environmental, 2015, 176-177, 718-730.	20.2	64
15	Direct Carbonization of Cyanopyridinium Crystalline Dicationic Salts into Nitrogen-Enriched Ultra-Microporous Carbons toward Excellent CO ₂ Adsorption. ACS Applied Materials & Interfaces, 2015, 7, 18508-18518.	8.0	30
16	Ultrahigh mechanically stable hierarchical mordenite zeolite monolith: Direct binder-/template-free hydrothermal synthesis. Chemical Engineering Science, 2015, 138, 473-481.	3.8	15
17	Heterogeneous conversion of CO ₂ into cyclic carbonates at ambient pressure catalyzed by ionothermal-derived meso-macroporous hierarchical poly(ionic liquid)s. Chemical Science, 2015, 6, 6916-6924.	7.4	229
18	Morphology-Controlled Preparation of Heteropolyanion-Derived Mesoporous Solid Base. ACS Sustainable Chemistry and Engineering, 2014, 2, 1918-1927.	6.7	13

XIAOCHEN WANG

#	Article	IF	CITATIONS
19	Dual-sulfonated dipyridinium phosphotungstate catalyst for liquid-phase Beckmann rearrangement of cyclohexanone oxime. RSC Advances, 2014, 4, 15635.	3.6	26
20	Mesoporous Polyoxometalate-Based Ionic Hybrid As a Triphasic Catalyst for Oxidation of Benzyl Alcohol with H ₂ O ₂ on Water. ACS Applied Materials & Interfaces, 2014, 6, 4438-4446.	8.0	100
21	Heteropolyanion-based ionic liquid-functionalized mesoporous copolymer catalyst for Friedel–Crafts benzylation of arenes with benzyl alcohol. Chemical Engineering Journal, 2014, 254, 54-62.	12.7	61
22	Silicalite-1 membrane on millimeter-sized HZSM-5 zeolite extrudates: Controllable synthesis and catalytic behavior in toluene disproportionation. Journal of Membrane Science, 2011, 381, 197-203.	8.2	23