Qian Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4858552/publications.pdf

Version: 2024-02-01

18	817	623734	839539
papers	citations	14 h-index	18 g-index

18	18	18	1151
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hierarchical laminated Al2O3 in-situ integrated with high-dispersed Co3O4 for improved toluene catalytic combustion. Advanced Powder Technology, 2022, 33, 103377.	4.1	10
2	Enabling Efficient Aerobic 5â€Hydroxymethylfurfural Oxidation to 2,5â€Furandicarboxylic Acid in Water by Interfacial Engineering Reinforced Cuâ˜Mn Oxides Hollow Nanofiber. ChemSusChem, 2022, 15, .	6.8	13
3	Boosted capture of volatile organic compounds in adsorption capacity and selectivity by rationally exploiting defect-engineering of UiO-66(Zr). Separation and Purification Technology, 2021, 266, 118087.	7.9	41
4	Visible-Light-Responsive Nanofibrous Î±-Fe₂O₃ Integrated FeOx Cluster-Templated Siliceous Microsheets for Rapid Catalytic Phenol Removal and Enhanced Antibacterial Activity. ACS Applied Materials & Interfaces, 2021, 13, 19803-19815.	8.0	28
5	Hydrophobic poly(ionic liquid)s as â€œtwo-handed weaponsâ€• Maximizing lipase catalytic efficiency in transesterification of soybean oil toward biodiesel. Applied Catalysis A: General, 2021, 626, 118350.	4.3	18
6	Engineering ultrafine Pd clusters on laminar polyamide: A promising catalyst for benzyl alcohol oxidation under air in water. Molecular Catalysis, 2020, 497, 111203.	2.0	2
7	Direct synthesis of 2,5-diformylfuran from carbohydrates via carbonizing polyoxometalate based mesoporous poly(ionic liquid). Catalysis Today, 2019, 319, 57-65.	4.4	29
8	Ionic mesoporous polyamides enable highly dispersed ultrafine Ru nanoparticles: a synergistic stabilization effect and remarkable efficiency in levulinic acid conversion into Î³-valerolactone. Journal of Materials Chemistry A, 2019, 7, 19140-19151.	10.3	37
9	Engineering polyoxometalate anions on porous ionic network towards highly catalytic active noble metal clusters. Applied Surface Science, 2019, 496, 143650.	6.1	20
10	Ultrathin and Vacancy-Rich CoAl-Layered Double Hydroxide/Graphite Oxide Catalysts: Promotional Effect of Cobalt Vacancies and Oxygen Vacancies in Alcohol Oxidation. ACS Catalysis, 2018, 8, 3104-3115.	11.2	149
11	Direct aerobic oxidative homocoupling of benzene to biphenyl over functional porous organic polymer supported atomically dispersed palladium catalyst. Applied Catalysis B: Environmental, 2017, 209, 679-688.	20.2	47
12	Nanobelt Î±-CuV₂O₆ with hydrophilic mesoporous poly(ionic liquid): a binary catalyst for synthesis of 2,5-diformylfuran from fructose. Catalysis Science and Technology, 2017, 7, 1006-1016.	4.1	60
13	Amphiphilic Mesoporous Poly(Ionic Liquid) Immobilized Heteropolyanions Towards the Efficient Heterogeneous Epoxidation of Alkenes with Stoichiometric Hydrogen Peroxide. ChemCatChem, 2017, 9, 4426-4436.	3.7	30
14	Hydrophilic mesoporous poly(ionic liquid)-supported Auâ€“Pd alloy nanoparticles towards aerobic oxidation of 5-hydroxymethylfurfural to 2,5-furandicarboxylic acid under mild conditions. Green Chemistry, 2017, 19, 3820-3830.	9.0	109
15	Hybrid of Polyoxometalate-Based Ionic Salt and N-Doped Carbon toward Reductant-Free Aerobic Hydroxylation of Benzene to Phenol. ACS Sustainable Chemistry and Engineering, 2016, 4, 4986-4996.	6.7	49
16	Pd nanoparticles encapsulated into mesoporous ionic copolymer: Efficient and recyclable catalyst for the oxidation of benzyl alcohol with O2 balloon in water. Applied Catalysis B: Environmental, 2016, 189, 242-251.	20.2	97
17	Construction of porous cationic frameworks by crosslinking polyhedral oligomeric silsesquioxane units with N-heterocyclic linkers. Scientific Reports, 2015, 5, 11236.	3.3	64
18	Ionicâ€Liquidâ€Functionalized Polyoxometalates for Heterogeneously Catalyzing the Aerobic Oxidation of Benzene to Phenol: Raising Efficacy through Specific Design. ChemPlusChem, 2014, 79, 1590-1596.	2.8	14