Hai-Min Shen

List of Publications by Year
in descending order

18	310	759233 12	888059 17
papers	citations	h-index	g-index

19	19	19	359
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Staged oxidation of hydrocarbons with simultaneously enhanced conversion and selectivity employing O2 as oxygen source catalyzed by 2D metalloporphyrin-based MOFs possessing bimetallic active centers. Chemical Engineering Journal, 2022, 443, 136126.	12.7	15
2	Relay catalysis of hydrocarbon oxidation using O2 in the confining domain of 3D metalloporphyrin-based metal-organic frameworks with bimetallic catalytic centers. Chemical Engineering Science, 2022, 260, 117825.	3.8	9
3	Efficient oxidation of cycloalkanes with simultaneously increased conversion and selectivity using O2 catalyzed by metalloporphyrins and boosted by Zn(AcO)2: A practical strategy to inhibit the formation of aliphatic diacids. Applied Catalysis A: General, 2021, 609, 117904.	4.3	16
4	Efficient and selective oxidation of secondary benzylic C H bonds to ketones with O2 catalyzed by metalloporphyrins under solvent-free and additive-free conditions. Molecular Catalysis, 2020, 493, 111102.	2.0	11
5	Intramolecular hydrogen bond-induced high chemical stability of metalâ€“organic frameworks. Inorganic Chemistry Frontiers, 2020, 7, 3548-3554.	6.0	14
6	Efficient and selective oxidation of tertiary benzylic C H bonds with O2 catalyzed by metalloporphyrins under mild and solvent-free conditions. Applied Catalysis A: General, 2020, 599, 117599.	4.3	20
7	Selective Solvent-Free and Additive-Free Oxidation of Primary Benzylic Câ€“H Bonds with O2 Catalyzed by the Combination of Metalloporphyrin with N-Hydroxyphthalimide. Catalysis Letters, 2020, 150, 3096-3111.	2.6	22
8	Enhanced catalytic performance of porphyrin cobalt(II) in the solvent-free oxidation of cycloalkanes (C5~C8) with molecular oxygen promoted by porphyrin zinc(II). Catalysis Communications, 2019, 132, 105809.	3.3	17
9	A novel fluorinated diamine as an extender for polyurethanes. Chemical Papers, 2018, 72, 1525-1534.	2.2	2
10	Metal-free chemoselective oxidation of sulfides to sulfoxides catalyzed by immobilized l-aspartic acid and l-glutamic acid in an aqueous phase at room temperature. New Journal of Chemistry, 2016, 40, 4874-4878.	2.8	0
11	Novel Aâ€“(Ï€â€“Dâ€“Ï€â€“A)_{1â€“3} branched fluorophores displaying high two-photon absorption. RSC Advances, 2016, 6, 46853-46863.	3.6	7
12	pH-Dependence of the Aqueous Phase Room Temperature BrÃ¸nsted Acid-Catalyzed Chemoselective Oxidation of Sulfides with H2O2. Molecules, 2015, 20, 16709-16722.	3.8	9
13	Metal-free chemoselective oxidation of sulfides to sulfoxides catalyzed by immobilized taurine and homotaurine in aqueous phase at room temperature. Tetrahedron Letters, 2015, 56, 4494-4498.	1.4	21
14	Surface immobilization of Î²-cyclodextrin on hybrid silica and its fast adsorption performance of p-nitrophenol from the aqueous phase. RSC Advances, 2015, 5, 84410-84422.	3.6	23
15	Fast adsorption of p -nitrophenol from aqueous solution using Î² -cyclodextrin grafted silica gel. Applied Surface Science, 2015, 356, 1155-1167.	6.1	60
16	Cyclodextrinâ€“[RuCl2(Arene)]2 conjugates: another way to enhance the enantioselectivity of aromatic ketones reduction by aromatic ligands' volume. Tetrahedron, 2013, 69, 8360-8367.	1.9	13
17	Amino alcohol-modified Î²-cyclodextrin inducing biomimetic asymmetric oxidation of thioanisole in water. Carbohydrate Research, 2012, 354, 49-58.	2.3	25
18	Biomimetic asymmetric aldol reactions catalyzed by proline derivatives attached to Î²-cyclodextrin in water. Tetrahedron Letters, 2012, 53, 3541-3545.	1.4	26