

Faliang Gou

List of Publications by Year in descending order

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15
papers

527
citations

840119

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Cycloaddition of epoxides and CO ₂ catalyzed by bisimidazole-functionalized porphyrin cobalt(<i>iii</i>) complexes. <i>Green Chemistry</i> , 2016, 18, 3567-3576.	4.6	150
2	Strategy to Improve Photovoltaic Performance of DSSC Sensitized by Zinc Porphyrin Using Salicylic Acid as a Tridentate Anchoring Group. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6697-6703.	4.0	60
3	Ionic liquids-functionalized porphyrins as bifunctional catalysts for cycloaddition of carbon dioxide to epoxides. <i>Journal of CO2 Utilization</i> , 2016, 16, 264-271.	3.3	59
4	Salicylic Acid As a Tridentate Anchoring Group for <i>azo</i> -Bridged Zinc Porphyrin in Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 12631-12637.	4.0	52
5	Alternating copolymerization of CO ₂ and propylene oxide catalyzed by C _{2v} -porphyrin cobalt: Selectivity control and a kinetic study. <i>Journal of Catalysis</i> , 2014, 313, 159-167.	3.1	43
6	Spacer effect in dithiafulvenyl-phenothiazine dyes for dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2016, 324, 484-491.	4.0	36
7	C ₂ -symmetric metalloporphyrin promoted cycloaddition of epoxides with CO ₂ under atmospheric pressure. <i>Journal of CO2 Utilization</i> , 2019, 29, 134-139.	3.3	29
8	Gd-doped CuBi ₂ O ₄ /CuO heterojunction film photocathodes for photoelectrochemical H ₂ O ₂ production through oxygen reduction. <i>Nano Research</i> , 2021, 14, 3439-3445.	5.8	23
9	SalenZn-bridged Dyes For Dye-Sensitized Solar Cells. <i>Chinese Journal of Chemistry</i> , 2014, 32, 513-520.	0.6	19
10	Molecular engineering of new phenothiazine-based Dyes for dye-sensitized solar cells. <i>RSC Advances</i> , 2016, 6, 106380-106386.	1.7	19
11	Cobalt-porphyrin modified graphene oxide as a heterogeneous catalyst for solvent-free CO ₂ fixation to cyclic carbonates. <i>Journal of CO2 Utilization</i> , 2021, 48, 101534.	3.3	16
12	Vertical growth of SnS ₂ nanobelt arrays on CuSbS ₂ nanosheets for enhanced photocatalytic reduction of CO ₂ . <i>Chemical Communications</i> , 2021, 57, 10419-10422.	2.2	10
13	Substituted and Anchoring Groups Improve the Efficiency of Dye-Sensitized Solar Cells. <i>ChemistrySelect</i> , 2017, 2, 4084-4091.	0.7	7
14	Palladium nanoparticles encapsulated in polyimide nanofibers: An efficient and recyclable catalyst for coupling reaction. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6445.	1.7	2
15	Stabilization of palladium nanoparticles inside chitosan derived N-doped carbon nanofibers for Heck reaction. <i>Journal of Applied Polymer Science</i> , 0, , 51742.	1.3	2