

Yangxin Jin

List of Publications by Year in descending order

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13
papers

460
citations

933447

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1058476

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all docs

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docs citations

15
times ranked

665
citing authors

#	ARTICLE	IF	CITATIONS
1	Oil/Water Separation Performances of Superhydrophobic and Superoleophilic Sponges. <i>Langmuir</i> , 2014, 30, 13137-13142.	3.5	162
2	Superhydrophobic and superoleophilic polydimethylsiloxane-coated cotton for oil/water separation process: An evidence of the relationship between its loading capacity and oil absorption ability. <i>Journal of Hazardous Materials</i> , 2015, 300, 175-181.	12.4	92
3	Boosting the activity of catalytic oxidation of 5-hydroxymethylfurfural to 2,5-diformylfuran over nitrogen-doped manganese oxide catalysts. <i>Green Chemistry</i> , 2019, 21, 4313-4318.	9.0	49
4	A transition-metal-free, one-pot procedure for the synthesis of α,β -epoxy ketones by oxidative coupling of alkenes and aldehydes via base catalysis. <i>Chemical Communications</i> , 2015, 51, 1012-1015.	4.1	30
5	Design and synthesis of a highly efficient heterogeneous MnCo_2O_4 oxide catalyst for alcohol oxidation: DFT insight into the synergistic effect between oxygen deficiencies and bimetal species. <i>Catalysis Science and Technology</i> , 2019, 9, 418-424.	4.1	26
6	Highly efficient oil/water separation and excellent self-cleaning surfaces based on 1-triacontanol-polymerized octadecylsiloxane coatings. <i>Applied Surface Science</i> , 2015, 351, 358-366.	6.1	22
7	Manganese Doping in Cobalt Oxide Nanorods Promotes Catalytic Dehydrogenation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5734-5741.	6.7	19
8	New Approach for Controllable Synthesis of N-MnO _x Microflowers and Their Superior Catalytic Performance for Benzoxazole Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 9408-9413.	3.7	15
9	Enhanced activity for aerobic oxidative of alcohols over manganese oxides stimulated with interstitial nitrogen doping. <i>Green Synthesis and Catalysis</i> , 2021, 2, 38-44.	6.8	13
10	Jahn-Teller distortion assisted interstitial nitrogen engineering: enhanced oxygen dehydrogenation activity of N-doped $\text{Mn}_x\text{Co}_3\text{O}_4$ hierarchical micro-nano particles. <i>Nano Research</i> , 2021, 14, 2637-2643.	10.4	13
11	Engineering Electronic Structure of Single-Atom Pd Site on $\text{Ti}_0.87\text{O}_2$ Nanosheet via Charge Transfer Enables C-Br Cleavage for Room-Temperature Suzuki Coupling. <i>CCS Chemistry</i> , 2021, 3, 1453-1462.	7.8	12
12	Nickel Doped Aluminophosphate α 5 as an Efficient Heterogeneous Catalyst for Imine Synthesis by Direct Condensation of Alcohols and Amines at Room Temperature. <i>ChemistrySelect</i> , 2018, 3, 2812-2818.	1.5	4
13	Micropores Induced Stereoselective Synthesis of α -imines: Synergistic Effect between Cerium Species and Micropores in CeAlPO_5 Molecular Sieves. <i>ChemCatChem</i> , 2019, 11, 3178-3181.	3.7	2