

Mu Yang

List of Publications by Year in descending order

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34
papers

902
citations

471509

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454955

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36
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36
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1478
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#	ARTICLE	IF	CITATIONS
1	Hierarchically nanostructured MnCo ₂ O ₄ as active catalysts for the synthesis of N-benzylideneaniline from benzyl alcohol and aniline. <i>Green Chemistry</i> , 2017, 19, 769-777.	9.0	89
2	Highly porous carbons derived from MOFs for shape-stabilized phase change materials with high storage capacity and thermal conductivity. <i>RSC Advances</i> , 2016, 6, 40106-40114.	3.6	71
3	Heterogeneous Fe-MIL-101 catalysts for efficient one-pot four-component coupling synthesis of highly substituted pyrroles. <i>New Journal of Chemistry</i> , 2015, 39, 4919-4923.	2.8	67
4	Co(η^5) complexes loaded into metal-organic frameworks as efficient heterogeneous catalysts for aerobic epoxidation of olefins. <i>Catalysis Science and Technology</i> , 2016, 6, 161-168.	4.1	66
5	One-Pot Preparation of Hierarchical Nanosheet-Constructed Fe ₃ O ₄ /MIL-88B(Fe) Magnetic Microspheres with High Efficiency Photocatalytic Degradation of Dye. <i>ChemCatChem</i> , 2016, 8, 3510-3517.	3.7	52
6	Alkylated Meso-Macroporous Metal-Organic Framework Hollow Tubes as Nanocontainers of Octadecane for Energy Storage and Thermal Regulation. <i>Small</i> , 2018, 14, e1801970.	10.0	46
7	Synthesis of a Fe ₃ O ₄ @CuO@meso-SiO ₂ nanostructure as a magnetically recyclable and efficient catalyst for styrene epoxidation. <i>Catalysis Science and Technology</i> , 2014, 4, 3082-3089.	4.1	41
8	Highly efficient sulfonated-polystyrene-Cu(II)@Cu ₃ (BTC) ₂ core-shell microsphere catalysts for base-free aerobic oxidation of alcohols. <i>Journal of Materials Chemistry A</i> , 2015, 3, 4266-4273.	10.3	41
9	Superparamagnetic Core-Shell Metal-Organic Framework Fe ₃ O ₄ /Cu ₃ (btc) ₂ Microspheres and Their Catalytic Activity in the Aerobic Oxidation of Alcohols and Olefins. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4906-4912.	2.0	40
10	Shape-Stabilized Phase Change Materials Based on Stearic Acid and Mesoporous Hollow SiO ₂ Microspheres (SA/SiO ₂) for Thermal Energy Storage. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2138-2143.	2.0	37
11	Hierarchical PS/PANI nanostructure supported Cu(η^5) complexes: facile synthesis and study of catalytic applications in aerobic oxidation. <i>RSC Advances</i> , 2014, 4, 55028-55035.	3.6	31
12	One-step modified method for a highly efficient Au-PANI@TiO ₂ visible-light photocatalyst. <i>New Journal of Chemistry</i> , 2016, 40, 8587-8592.	2.8	27
13	Imparting magnetic functionality to iron-based MIL-101 via facile Fe ₃ O ₄ nanoparticle encapsulation: an efficient and recoverable catalyst for aerobic oxidation. <i>RSC Advances</i> , 2015, 5, 78962-78970.	3.6	25
14	One-Pot Fabrication of Hierarchical Nanosheet-Based TiO ₂ -Carbon Hollow Microspheres for Anode Materials of High-Rate Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2016, 22, 6031-6036.	3.3	25
15	An efficient approach for production of polystyrene/poly(4-vinylpyridine) particles with various morphologies based on dynamic control. <i>Chemical Communications</i> , 2011, 47, 911-913.	4.1	24
16	Imine-linked micron-network polymers with high polyethylene glycol uptake for shaped-stabilized phase change materials. <i>RSC Advances</i> , 2016, 6, 44807-44813.	3.6	23
17	A novel orchid-like polyaniline superstructure by solvent-thermal method. <i>Journal of Colloid and Interface Science</i> , 2012, 367, 49-54.	9.4	19
18	Oriented immobilization of Au nanoparticles on C@P4VP core-shell microspheres and their catalytic performance. <i>New Journal of Chemistry</i> , 2015, 39, 2949-2955.	2.8	17

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19	A Two-Dimensional, Hydrogen-Bond-Cross-Linked Molybdenum(VI) Network Polymer with Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1215-1218.	2.0	16
20	NiO promoted CuO@NiO/SBA-15 composites as highly active catalysts for epoxidation of olefins. <i>New Journal of Chemistry</i> , 2016, 40, 8543-8548.	2.8	16
21	Synthesis of hierarchical Polystyrene/Polyaniline@Au nanostructures of different surface states and studies of their catalytic properties. <i>Science China Chemistry</i> , 2014, 57, 1211-1217.	8.2	15
22	Facile synthesis of Cu ₃ (BTC) ₂ /cellulose acetate mixed matrix membranes and their catalytic applications in continuous flow process. <i>New Journal of Chemistry</i> , 2017, 41, 9123-9129.	2.8	15
23	A fast synthesis of hierarchical yolk-shell copper hydroxysulfates at room temperature with adjustable sizes. <i>CrystEngComm</i> , 2014, 16, 2520.	2.6	14
24	Ultrathin mesoporous NiCo ₂ O ₄ nanosheets as an efficient and reusable catalyst for benzylic oxidation. <i>RSC Advances</i> , 2015, 5, 2405-2410.	3.6	12
25	Two hydrogen-bond-cross-linked molybdenum (VI) network polymers: synthesis, crystal structures and cyclooctene epoxidation with H ₂ O ₂ . <i>Structural Chemistry</i> , 2009, 20, 869-876.	2.0	10
26	Effect of partial substitution of Ca in LaMnO ₃ on coal catalytic combustion. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 112, 719-726.	3.6	10
27	Study on the structure and reactivity of COREX coal. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 113, 693-701.	3.6	9
28	A green epoxidation system with poly(4-vinylpyridine) microsphere-supported molybdenum catalyst. <i>Journal of Polymer Science Part A</i> , 2010, 48, 558-562.	2.3	8
29	Construction of 2D MOFs@reduced Graphene Oxide Nanocomposites with Enhanced Visible Light-Induced Fenton-Like Catalytic Performance by Seeded Growth Strategy. <i>ChemCatChem</i> , 2019, 11, 4411-4419.	3.7	8
30	One-step fabrication of 3D hierarchical Ni-incorporated γ -Co(OH) ₂ assembled by 2D center disk and 1D length-tunable brush. <i>RSC Advances</i> , 2013, 3, 2604.	3.6	7
31	Synthesis of defected UiO-66 with boosting the catalytic performance via rapid crystallization. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	7
32	A simple chemical approach to the production of nano-sized crystals of poly(acrylic acid). <i>Polymer International</i> , 2006, 55, 1456-1461.	3.1	6
33	Prediction of Thermal Conductivity of Aluminum Nanocluster-Filled Mesoporous Silica (Al/MCM-41). <i>International Journal of Thermophysics</i> , 2013, 34, 2371-2384.	2.1	5
34	Preparation and catalytic application of poly 4-vinylpyridine microspheres. <i>Journal of Applied Polymer Science</i> , 2010, 116, 3178-3183.	2.6	2