

Pan Hu

List of Publications by Year in descending order

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14
papers

1,683
citations

840776

11
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

3133
citing authors

#	ARTICLE	IF	CITATIONS
1	Imparting Functionality to Biocatalysts via Embedding Enzymes into Nanoporous Materials by a <i>de Novo</i> Approach: Size-Selective Sheltering of Catalase in Metal-Organic Framework Microcrystals. <i>Journal of the American Chemical Society</i> , 2015, 137, 4276-4279.	13.7	674
2	Core-Shell Catalysts of Metal Nanoparticle Core and Metal-Organic Framework Shell. <i>ACS Catalysis</i> , 2014, 4, 4409-4419.	11.2	318
3	Surfactant-Directed Atomic to Mesoscale Alignment: Metal Nanocrystals Encased Individually in Single-Crystalline Porous Nanostructures. <i>Journal of the American Chemical Society</i> , 2014, 136, 10561-10564.	13.7	157
4	General incorporation of diverse components inside metal-organic framework thin films at room temperature. <i>Nature Communications</i> , 2014, 5, 5532.	12.8	155
5	Surfactant-Mediated Conformal Overgrowth of Core-Shell Metal-Organic Framework Materials with Mismatched Topologies. <i>Small</i> , 2015, 11, 5551-5555.	10.0	104
6	Formation of hollow and mesoporous structures in single-crystalline microcrystals of metal-organic frameworks via double-solvent mediated overgrowth. <i>Nanoscale</i> , 2015, 7, 19408-19412.	5.6	77
7	Hierarchical Mesoporous Metal-Organic Frameworks for Enhanced CO ₂ Capture. <i>Chemistry - A European Journal</i> , 2015, 21, 15127-15132.	3.3	59
8	ZIF-8 coated polyvinylidene fluoride (PVDF) hollow fiber for highly efficient separation of small dye molecules. <i>Applied Materials Today</i> , 2016, 5, 103-110.	4.3	48
9	Au/CuO nanosheets composite for glucose sensor and CO oxidation. <i>RSC Advances</i> , 2015, 5, 9130-9137.	3.6	26
10	Room temperature synthesis of ZIF-8 membranes from seeds anchored in gelatin films for gas separation. <i>CrystEngComm</i> , 2015, 17, 1576-1582.	2.6	18
11	Self-confined synthesis of HKUST-1 membranes from CuO nanosheets at room temperature. <i>ChemistrySelect</i> , 2016, 1, 108-113.	1.5	18
12	Porous reduced graphene oxide paper as a binder-free electrode for high-performance supercapacitors. <i>RSC Advances</i> , 2015, 5, 27175-27180.	3.6	10
13	Au nanoparticle-decorated ultrathin CdS nanowires for high-efficiency photodegradation of organic dyes. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 120, 1291-1297.	2.3	10
14	Starfish-like Au-CdS hybrids for the highly efficient photocatalytic degradation of organic dyes. <i>RSC Advances</i> , 2014, 4, 42441-42444.	3.6	9