

Haiqing Li

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,046
citations

430874

18
h-index

642732

23
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all docs

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docs citations

23
times ranked

1537
citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium nanoparticles decorated carbon nanotubes: facile synthesis and their applications as highly efficient catalysts for the reduction of 4-nitrophenol. <i>Green Chemistry</i> , 2012, 14, 586.	9.0	147
2	Magnetic Metal-Organic Frameworks for Efficient Carbon Dioxide Capture and Remote Trigger Release. <i>Advanced Materials</i> , 2016, 28, 1839-1844.	21.0	107
3	Low-Energy CO ₂ Release from Metal-Organic Frameworks Triggered by External Stimuli. <i>Accounts of Chemical Research</i> , 2017, 50, 778-786.	15.6	104
4	Facile stabilization of cyclodextrin metal-organic frameworks under aqueous conditions via the incorporation of C ₆₀ in their matrices. <i>Chemical Communications</i> , 2016, 52, 5973-5976.	4.1	81
5	Magnetic Induction Swing Adsorption: An Energy Efficient Route to Porous Adsorbent Regeneration. <i>Chemistry of Materials</i> , 2016, 28, 6219-6226.	6.7	59
6	A Robust Metal-Organic Framework for Dynamic Light-Induced Swing Adsorption of Carbon Dioxide. <i>Chemistry - A European Journal</i> , 2016, 22, 11176-11179.	3.3	55
7	Visible Light Triggered CO ₂ Liberation from Silver Nanocrystals Incorporated Metal-Organic Frameworks. <i>Advanced Functional Materials</i> , 2016, 26, 4815-4821.	14.9	53
8	Modulation of Stem Cell Adhesion and Morphology via Facile Control over Surface Presentation of Cell Adhesion Molecules. <i>Biomacromolecules</i> , 2014, 15, 43-52.	5.4	48
9	MaLISA – a cooperative method to release adsorbed gases from metal-organic frameworks. <i>Journal of Materials Chemistry A</i> , 2016, 4, 18757-18762.	10.3	46
10	Enabling Continuous and Improved Solar-Driven Atmospheric Water Harvesting with Ti ₃ C ₂ -Incorporated Metal-Organic Framework Monoliths. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 38906-38915.	8.0	46
11	A general and efficient method for decorating graphene sheets with metal nanoparticles based on the non-covalently functionalized graphene sheets with hyperbranched polymers. <i>Nanoscale</i> , 2012, 4, 1355.	5.6	39
12	Embedding metal foam into metal-organic framework monoliths for triggering a highly efficient release of adsorbed atmospheric water by localized eddy current heating. <i>Materials Horizons</i> , 2021, 8, 1439-1445.	12.2	39
13	Magnetic Induction Framework Synthesis: A General Route to the Controlled Growth of Metal-Organic Frameworks. <i>Chemistry of Materials</i> , 2017, 29, 6186-6190.	6.7	34
14	Hyperbranched polymer mediated fabrication of water soluble carbon nanotube-metal nanoparticle hybrids. <i>Nanoscale</i> , 2013, 5, 2915.	5.6	30
15	Magnetic Metal-Organic Framework Composites: Solvent-Free Synthesis and Regeneration Driven by Localized Magnetic Induction Heat. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13627-13632.	6.7	29
16	Controlled accommodation of metal nanostructures within the matrices of polymer architectures through solution-based synthetic strategies. <i>Progress in Polymer Science</i> , 2014, 39, 1878-1907.	24.7	25
17	Sandwich-Structured Carbon Paper/Metal-Organic Framework Monoliths for Flexible Solar-Powered Atmospheric Water Harvesting On Demand. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 10966-10975.	8.0	24
18	Assemblable Carbon Fiber/Metal-Organic Framework Monoliths for Energy-Efficient Atmospheric Water Harvesting. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 1344-1354.	3.7	23

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19	Localized heating driven selective growth of metal-organic frameworks (MOFs) in wood: A novel synthetic strategy for significantly enhancing MOF loadings in wood. <i>Applied Surface Science</i> , 2021, 564, 150325.	6.1	16
20	Changing ligand number and type within nanocylindrical domains through kinetically constrained self-assembly – impacts of ligand “redundancy”™ on human mesenchymal stem cell adhesion and morphology. <i>Biomaterials Science</i> , 2014, 2, 1693-1705.	5.4	15
21	Localized Electrical Induction Heating for Highly Efficient Synthesis and Regeneration of Metal–Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4097-4104.	8.0	13
22	Facile and controllable incorporation of gold nanoparticles within one-dimensional self-assemblies of hyperbranched polymers. <i>Soft Matter</i> , 2013, 9, 5270.	2.7	10
23	Metal Microfibers Delivered Eddy Current Heating for Efficient Synthesis and Regeneration of Metal–Organic Framework Monoliths. <i>Inorganic Chemistry</i> , 2021, 60, 11251-11258.	4.0	3