

# Guodong Li

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

4,168  
citations

394421

19  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

6392  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-organic frameworks as selectivity regulators for hydrogenation reactions. <i>Nature</i> , 2016, 539, 76-80.	27.8	1,201
2	Core-Shell Palladium Nanoparticle@Metal-Organic Frameworks as Multifunctional Catalysts for Cascade Reactions. <i>Journal of the American Chemical Society</i> , 2014, 136, 1738-1741.	13.7	632
3	Metal-Organic Frameworks Encapsulating Active Nanoparticles as Emerging Composites for Catalysis: Recent Progress and Perspectives. <i>Advanced Materials</i> , 2018, 30, e1800702.	21.0	362
4	Noble metal nanoparticle@metal oxide core/shell nanostructures as catalysts: recent progress and perspective. <i>Nanoscale</i> , 2014, 6, 3995-4011.	5.6	347
5	A manganese-hydrogen battery with potential for grid-scale energy storage. <i>Nature Energy</i> , 2018, 3, 428-435.	39.5	325
6	Facile synthesis of core-shell Au@CeO <sub>2</sub> nanocomposites with remarkably enhanced catalytic activity for CO oxidation. <i>Energy and Environmental Science</i> , 2012, 5, 8937.	30.8	258
7	Effective mass and Fermi surface complexity factor from ab initio band structure calculations. <i>Npj Computational Materials</i> , 2017, 3, .	8.7	145
8	Shell-Protective Secondary Silicon Nanostructures as Pressure-Resistant High-Volumetric-Capacity Anodes for Lithium-Ion Batteries. <i>Nano Letters</i> , 2018, 18, 7060-7065.	9.1	121
9	Membrane-Free Zn/MnO <sub>2</sub> Flow Battery for Large-Scale Energy Storage. <i>Advanced Energy Materials</i> , 2020, 10, 1902085.	19.5	111
10	Fast and Selective Semihydrogenation of Alkynes by Palladium Nanoparticles Sandwiched in Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3650-3657.	13.8	94
11	Monodisperse Hollow Spheres with Sandwich Heterostructured Shells as High-Performance Catalysts via an Extended SiO <sub>2</sub> Template Method. <i>Small</i> , 2015, 11, 420-425.	10.0	83
12	Facile synthesis of ultrathin metal-organic framework nanosheets for Lewis acid catalysis. <i>Nano Research</i> , 2019, 12, 437-440.	10.4	79
13	Delocalized electron effect on single metal sites in ultrathin conjugated microporous polymer nanosheets for boosting CO <sub>2</sub> cycloaddition. <i>Science Advances</i> , 2020, 6, eaaz4824.	10.3	68
14	Metal-organic frameworks as emerging platform for supporting isolated single-site catalysts. <i>Nano Today</i> , 2019, 27, 178-197.	11.9	66
15	FeO Clusters Anchored on Nodes of Metal-Organic Frameworks for Direct Methane Oxidation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5811-5815.	13.8	66
16	Interfacial coupling between noble metal nanoparticles and metal-organic frameworks for enhanced catalytic activity. <i>Nanoscale</i> , 2018, 10, 16425-16430.	5.6	46
17	Cobalt Catalysts Enable Selective Hydrogenation of CO <sub>2</sub> toward Diverse Products: Recent Progress and Perspective. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 10486-10496.	4.6	40
18	Recent advances in metal-organic frameworks for catalytic CO <sub>2</sub> hydrogenation to diverse products. <i>Nano Research</i> , 2022, 15, 10110-10133.	10.4	28

#	ARTICLE	IF	CITATIONS
19	Metal-organic framework nanosheets and their composites for heterogeneous thermal catalysis: Recent progresses and challenges. Chinese Chemical Letters, 2021, 32, 3307-3321.	9.0	23
20	Hollow TiO <sub>2</sub> submicrospheres assembled by tiny nanocrystals as superior anode for lithium ion battery. Journal of Materials Chemistry A, 2019, 7, 23733-23738.	10.3	15
21	Fast and Selective Semihydrogenation of Alkynes by Palladium Nanoparticles Sandwiched in Metal-Organic Frameworks. Angewandte Chemie, 2020, 132, 3679-3686.	2.0	15
22	Recent advances in hollow metal-organic frameworks and their composites for heterogeneous thermal catalysis. Science China Chemistry, 2021, 64, 1854-1874.	8.2	13
23	Facile Solvothermal Strategy to Construct Core-Shell Al <sub>2</sub> O <sub>3</sub> @CuO Submicrospheres with Improved Catalytic Activity for CO Oxidation. Chemistry - an Asian Journal, 2013, 8, 694-699.	3.3	12
24	Recent progress on selective hydrogenation of phenol toward cyclohexanone or cyclohexanol. Nanotechnology, 2022, 33, 072003.	2.6	10
25	Fe <sup>o</sup> Clusters Anchored on Nodes of Metal-Organic Frameworks for Direct Methane Oxidation. Angewandte Chemie, 2021, 133, 5875-5879.	2.0	3
26	Study on the Selective Hydrogenation of Quinoline Catalyzed by Composites of Metal-Organic Framework and Pt Nanoparticles. Acta Chimica Sinica, 2022, 80, 467.	1.4	3
27	Coordinating Zirconium Nodes in Metal-Organic Framework with Trifluoroacetic Acid for Enhanced Lewis Acid Catalysis. Chemical Research in Chinese Universities, 2022, 38, 1301-1307.	2.6	2
28	Fabrication of Core-Shell Structured Metal Nanoparticles@Metal-Organic Frameworks for Heterogeneous Thermal Catalysis. Nanostructure Science and Technology, 2021, , 83-103.	0.1	0