

Yang Song

List of Publications by Year in descending order

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35
papers

3,371
citations

172386

29
h-index

377752

34
g-index

36
all docs

36
docs citations

36
times ranked

4238
citing authors

#	ARTICLE	IF	CITATIONS
1	Site Isolation in Metal-Organic Layers Enhances Photoredox Gold Catalysis. <i>Journal of the American Chemical Society</i> , 2022, 144, 10694-10699.	6.6	20
2	Rational Construction of an Artificial Binuclear Copper Monooxygenase in a Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2021, 143, 1107-1118.	6.6	70
3	Metal-Organic Frameworks for Catalytic Applications. , 2021, , 228-259.		2
4	Integration of Earth-Abundant Photosensitizers and Catalysts in Metal-Organic Frameworks Enhances Photocatalytic Aerobic Oxidation. <i>ACS Catalysis</i> , 2021, 11, 1024-1032.	5.5	47
5	Bifunctional Metal-Organic Layer with Organic Dyes and Iron Centers for Synergistic Photoredox Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 3075-3080.	6.6	60
6	H-Bond-Mediated Selectivity Control of Formate versus CO ₂ during CO ₂ Photoreduction with Two Cooperative Cu/X Sites. <i>Journal of the American Chemical Society</i> , 2021, 143, 6114-6122.	6.6	105
7	Dimensional Reduction of Lewis Acidic Metal-Organic Frameworks for Multicomponent Reactions. <i>Journal of the American Chemical Society</i> , 2021, 143, 8184-8192.	6.6	59
8	Bifunctional Metal-Organic Layers for Tandem Catalytic Transformations Using Molecular Oxygen and Carbon Dioxide. <i>Journal of the American Chemical Society</i> , 2021, 143, 16718-16724.	6.6	28
9	A Nanoscale Metal-Organic Framework to Mediate Photodynamic Therapy and Deliver CpG Oligodeoxynucleotides to Enhance Antigen Presentation and Cancer Immunotherapy. <i>Angewandte Chemie</i> , 2020, 132, 1124-1128.	1.6	34
10	A Nanoscale Metal-Organic Framework to Mediate Photodynamic Therapy and Deliver CpG Oligodeoxynucleotides to Enhance Antigen Presentation and Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1108-1112.	7.2	144
11	Metal-Organic Frameworks Significantly Enhance Photocatalytic Hydrogen Evolution and CO ₂ Reduction with Earth-Abundant Copper Photosensitizers. <i>Journal of the American Chemical Society</i> , 2020, 142, 690-695.	6.6	193
12	Transforming Hydroxide-Containing Metal-Organic Framework Nodes for Transition Metal Catalysis. <i>Trends in Chemistry</i> , 2020, 2, 965-979.	4.4	14
13	Highly Dispersed Ni Catalyst on Metal-Organic Framework-Derived Porous Hydrous Zirconia for CO ₂ Methanation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 17436-17442.	4.0	64
14	Multistep Engineering of Synergistic Catalysts in a Metal-Organic Framework for Tandem C=O Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2020, 142, 4872-4882.	6.6	48
15	Cerium-Based Metal-Organic Layers Catalyze Hydrogen Evolution Reaction through Dual Photoexcitation. <i>Journal of the American Chemical Society</i> , 2020, 142, 6866-6871.	6.6	49
16	Metal-Organic Framework with Dual Active Sites in Engineered Mesopores for Bioinspired Synergistic Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 8602-8607.	6.6	53
17	Biomimetic nanoscale metal-organic framework harnesses hypoxia for effective cancer radiotherapy and immunotherapy. <i>Chemical Science</i> , 2020, 11, 7641-7653.	3.7	78
18	Metal-Organic Frameworks Integrate Cu Photosensitizers and Secondary Building Unit-Supported Fe Catalysts for Photocatalytic Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , 2020, 142, 10302-10307.	6.6	79

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19	Titanium Hydroxide Secondary Building Units in Metal-Organic Frameworks Catalyze Hydrogen Evolution under Visible Light. <i>Journal of the American Chemical Society</i> , 2019, 141, 12219-12223.	6.6	86
20	Cooperative copper centres in a metal-organic framework for selective conversion of CO ₂ to ethanol. <i>Nature Catalysis</i> , 2019, 2, 709-717.	16.1	256
21	Metal-Organic Layers as Multifunctional Two-Dimensional Nanomaterials for Enhanced Photoredox Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 15767-15772.	6.6	89
22	Cobalt-bridged secondary building units in a titanium metal-organic framework catalyze cascade reduction of N-heteroarenes. <i>Chemical Science</i> , 2019, 10, 2193-2198.	3.7	40
23	Metal-Organic Framework Stabilizes a Low-Coordinate Iridium Complex for Catalytic Methane Borylation. <i>Journal of the American Chemical Society</i> , 2019, 141, 11196-11203.	6.6	65
24	Aluminum Hydroxide Secondary Building Units in a Metal-Organic Framework Support Earth-Abundant Metal Catalysts for Broad-Scope Organic Transformations. <i>ACS Catalysis</i> , 2019, 9, 3327-3337.	5.5	46
25	Metal-Organic Framework Nodes Support Single-Site Nickel(II) Hydride Catalysts for the Hydrogenolysis of Aryl Ethers. <i>ACS Catalysis</i> , 2019, 9, 1578-1583.	5.5	61
26	Nanoscale Metal-Organic Framework Overcomes Hypoxia for Photodynamic Therapy Primed Cancer Immunotherapy. <i>Journal of the American Chemical Society</i> , 2018, 140, 5670-5673.	6.6	557
27	Titanium(III)-Oxo Clusters in a Metal-Organic Framework Support Single-Site Co(II)-Hydride Catalysts for Arene Hydrogenation. <i>Journal of the American Chemical Society</i> , 2018, 140, 433-440.	6.6	112
28	Nanoscale Metal-Organic Layers for Radiotherapy-Radiodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2018, 140, 16971-16975.	6.6	102
29	Nanoscale metal-organic frameworks for mitochondria-targeted radiotherapy-radiodynamic therapy. <i>Nature Communications</i> , 2018, 9, 4321.	5.8	243
30	Innenr¼cktitelbild: Merging Photoredox and Organometallic Catalysts in a Metal-Organic Framework Significantly Boosts Photocatalytic Activities (<i>Angew. Chem.</i> 43/2018). <i>Angewandte Chemie</i> , 2018, 130, 14487-14487.	1.6	0
31	Merging Photoredox and Organometallic Catalysts in a Metal-Organic Framework Significantly Boosts Photocatalytic Activities. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14090-14094.	7.2	121
32	Merging Photoredox and Organometallic Catalysts in a Metal-Organic Framework Significantly Boosts Photocatalytic Activities. <i>Angewandte Chemie</i> , 2018, 130, 14286-14290.	1.6	29
33	Single-Site Cobalt Catalysts at New Zr ₁₂ (μ_3 -O) ₈ (μ_3 -OH) ₈ (μ_2 -OH) ₆ Metal-Organic Framework Nodes for Highly Active Hydrogenation of Nitroarenes, Nitriles, and Isocyanides. <i>Journal of the American Chemical Society</i> , 2017, 139, 7004-7011.	6.6	211
34	Trivalent Zirconium and Hafnium Metal-Organic Frameworks for Catalytic 1,4-Dearomative Additions of Pyridines and Quinolines. <i>Journal of the American Chemical Society</i> , 2017, 139, 15600-15603.	6.6	70
35	Molecular Iridium Complexes in Metal-Organic Frameworks Catalyze CO ₂ Hydrogenation via Concerted Proton and Hydride Transfer. <i>Journal of the American Chemical Society</i> , 2017, 139, 17747-17750.	6.6	135