Yang Song

List of Publications by Year
in descending order

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35 papers	3,371 citations	172207 29 h-index	377514 34 g-index
36 all docs	36 docs citations	36 times ranked	4238 citing authors

#	Article	IF	Citations
1	Nanoscale Metalâ€“Organic Framework Overcomes Hypoxia for Photodynamic Therapy Primed Cancer Immunotherapy. Journal of the American Chemical Society, 2018, 140, 5670-5673.	6.6	557
2	Cooperative copper centres in a metalâ€“organic framework for selective conversion of CO2 to ethanol. Nature Catalysis, 2019, 2, 709-717.	16.1	256
3	Nanoscale metal-organic frameworks for mitochondria-targeted radiotherapy-radiodynamic therapy. Nature Communications, 2018, 9, 4321.	5.8	243
4	Single-Site Cobalt Catalysts at New Zr₁₂(Î¼₃-O)₈(Î¼₃-OH)₈(Î¼₂-OH)₆ Metalâ€“Organic Framework Nodes for Highly Active Hydrogenation of Nitroarenes, Nitriles, and Isocyanides. Journal of the American Chemical Society, 2017, 139, 7004-7011.	6.6	211
5	Metalâ€“Organic Frameworks Significantly Enhance Photocatalytic Hydrogen Evolution and CO₂ Reduction with Earth-Abundant Copper Photosensitizers. Journal of the American Chemical Society, 2020, 142, 690-695.	6.6	193
6	A Nanoscale Metalâ€“Organic Framework to Mediate Photodynamic Therapy and Deliver CpG Oligodeoxynucleotides to Enhance Antigen Presentation and Cancer Immunotherapy. Angewandte Chemie - International Edition, 2020, 59, 1108-1112.	7.2	144
7	Molecular Iridium Complexes in Metalâ€“Organic Frameworks Catalyze CO₂ Hydrogenation via Concerted Proton and Hydride Transfer. Journal of the American Chemical Society, 2017, 139, 17747-17750.	6.6	135
8	Merging Photoredox and Organometallic Catalysts in a Metalâ€“Organic Framework Significantly Boosts Photocatalytic Activities. Angewandte Chemie - International Edition, 2018, 57, 14090-14094.	7.2	121
9	Titanium(III)-Oxo Clusters in a Metalâ€“Organic Framework Support Single-Site Co(II)-Hydride Catalysts for Arene Hydrogenation. Journal of the American Chemical Society, 2018, 140, 433-440.	6.6	112
10	H-Bond-Mediated Selectivity Control of Formate versus CO during CO₂ Photoreduction with Two Cooperative Cu/X Sites. Journal of the American Chemical Society, 2021, 143, 6114-6122.	6.6	105
11	Nanoscale Metalâ€“Organic Layers for Radiotherapyâ€“Radiodynamic Therapy. Journal of the American Chemical Society, 2018, 140, 16971-16975.	6.6	102
12	Metalâ€“Organic Layers as Multifunctional Two-Dimensional Nanomaterials for Enhanced Photoredox Catalysis. Journal of the American Chemical Society, 2019, 141, 15767-15772.	6.6	89
13	Titanium Hydroxide Secondary Building Units in Metalâ€“Organic Frameworks Catalyze Hydrogen Evolution under Visible Light. Journal of the American Chemical Society, 2019, 141, 12219-12223.	6.6	86
14	Metalâ€“Organic Frameworks Integrate Cu Photosensitizers and Secondary Building Unit-Supported Fe Catalysts for Photocatalytic Hydrogen Evolution. Journal of the American Chemical Society, 2020, 142, 10302-10307.	6.6	79
15	Biomimetic nanoscale metalâ€“organic framework harnesses hypoxia for effective cancer radiotherapy and immunotherapy. Chemical Science, 2020, 11, 7641-7653.	3.7	78
16	Trivalent Zirconium and Hafnium Metalâ€“Organic Frameworks for Catalytic 1,4-Dearomative Additions of Pyridines and Quinolines. Journal of the American Chemical Society, 2017, 139, 15600-15603.	6.6	70
17	Rational Construction of an Artificial Binuclear Copper Monooxygenase in a Metalâ€“Organic Framework. Journal of the American Chemical Society, 2021, 143, 1107-1118.	6.6	70
18	Metalâ€“Organic Framework Stabilizes a Low-Coordinate Iridium Complex for Catalytic Methane Borylation. Journal of the American Chemical Society, 2019, 141, 11196-11203.	6.6	65

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19	Highly Dispersed Ni Catalyst on Metalâ€“Organic Framework-Derived Porous Hydrous Zirconia for CO₂ Methanation. ACS Applied Materials & Interfaces, 2020, 12, 17436-17442.	4.0	64
20	Metalâ€“Organic Framework Nodes Support Single-Site Nickel(II) Hydride Catalysts for the Hydrogenolysis of Aryl Ethers. ACS Catalysis, 2019, 9, 1578-1583.	5.5	61
21	Bifunctional Metalâ€“Organic Layer with Organic Dyes and Iron Centers for Synergistic Photoredox Catalysis. Journal of the American Chemical Society, 2021, 143, 3075-3080.	6.6	60
22	Dimensional Reduction of Lewis Acidic Metalâ€“Organic Frameworks for Multicomponent Reactions. Journal of the American Chemical Society, 2021, 143, 8184-8192.	6.6	59
23	Metalâ€“Organic Framework with Dual Active Sites in Engineered Mesopores for Bioinspired Synergistic Catalysis. Journal of the American Chemical Society, 2020, 142, 8602-8607.	6.6	53
24	Cerium-Based Metalâ€“Organic Layers Catalyze Hydrogen Evolution Reaction through Dual Photoexcitation. Journal of the American Chemical Society, 2020, 142, 6866-6871.	6.6	49
25	Multistep Engineering of Synergistic Catalysts in a Metalâ€“Organic Framework for Tandem Câ€“O Bond Cleavage. Journal of the American Chemical Society, 2020, 142, 4872-4882.	6.6	48
26	Integration of Earth-Abundant Photosensitizers and Catalysts in Metalâ€“Organic Frameworks Enhances Photocatalytic Aerobic Oxidation. ACS Catalysis, 2021, 11, 1024-1032.	5.5	47
27	Aluminum Hydroxide Secondary Building Units in a Metalâ€“Organic Framework Support Earth-Abundant Metal Catalysts for Broad-Scope Organic Transformations. ACS Catalysis, 2019, 9, 3327-3337.	5.5	46
28	Cobalt-bridged secondary building units in a titanium metalâ€“organic framework catalyze cascade reduction of N-heteroarenes. Chemical Science, 2019, 10, 2193-2198.	3.7	40
29	A Nanoscale Metalâ€“Organic Framework to Mediate Photodynamic Therapy and Deliver CpG Oligodeoxynucleotides to Enhance Antigen Presentation and Cancer Immunotherapy. Angewandte Chemie, 2020, 132, 1124-1128.	1.6	34
30	Merging Photoredox and Organometallic Catalysts in a Metalâ€“Organic Framework Significantly Boosts Photocatalytic Activities. Angewandte Chemie, 2018, 130, 14286-14290.	1.6	29
31	Bifunctional Metalâ€“Organic Layers for Tandem Catalytic Transformations Using Molecular Oxygen and Carbon Dioxide. Journal of the American Chemical Society, 2021, 143, 16718-16724.	6.6	28
32	Site Isolation in Metalâ€“Organic Layers Enhances Photoredox Gold Catalysis. Journal of the American Chemical Society, 2022, 144, 10694-10699.	6.6	20
33	Transforming Hydroxide-Containing Metalâ€“Organic Framework Nodes for Transition Metal Catalysis. Trends in Chemistry, 2020, 2, 965-979.	4.4	14
34	Metal-Organic Frameworks for Catalytic Applications. , 2021, , 228-259.		2
35	InnenrÃ¼cktitelbild: Merging Photoredox and Organometallic Catalysts in a Metal-Organic Framework Significantly Boosts Photocatalytic Activities (Angew. Chem. 43/2018). Angewandte Chemie, 2018, 130, 14487-14487.	1.6	0