

Guangxu Lan

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

4,375
citations

172386

29
h-index

289141

40
g-index

41
all docs

41
docs citations

41
times ranked

4972
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Low-dose X-ray radiotherapy-radiodynamic therapy via nanoscale metal-organic frameworks enhances checkpoint blockade immunotherapy. <i>Nature Biomedical Engineering</i> , 2018, 2, 600-610.	11.6	438
3	Nanoscale metal-organic frameworks for phototherapy of cancer. <i>Coordination Chemistry Reviews</i> , 2019, 379, 65-81.	9.5	309
4	Nanoscale metal-organic frameworks enhance radiotherapy to potentiate checkpoint blockade immunotherapy. <i>Nature Communications</i> , 2018, 9, 2351.	5.8	253
5	Nanoscale metal-organic frameworks for mitochondria-targeted radiotherapy-radiodynamic therapy. <i>Nature Communications</i> , 2018, 9, 4321.	5.8	243
6	Titanium-Based Nanoscale Metal-Organic Framework for Type I Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2019, 141, 4204-4208.	6.6	242
7	Photosensitizing Metal-Organic Layers for Efficient Sunlight-Driven Carbon Dioxide Reduction. <i>Journal of the American Chemical Society</i> , 2018, 140, 12369-12373.	6.6	164
8	Single-Site Cobalt Catalysts at New $Zr_8(\mu_4-O)_8(\mu_4-OH)_4$ Metal-Organic Framework Nodes for Highly Active Hydrogenation of Alkenes, Imines, Carbonyls, and Heterocycles. <i>Journal of the American Chemical Society</i> , 2016, 138, 12234-12242.	6.6	151
9	Nanoscale Metal-Organic Layers for Deeply Penetrating X-Ray-Induced Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12102-12106.	7.2	146
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	Efficient Electrocatalytic Proton Reduction with Carbon Nanotube-Supported Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2018, 140, 15591-15595.	6.6	129
12	Nanoscale Metal-Organic Frameworks Stabilize Bacteriochlorins for Type I and Type II Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 7334-7339.	6.6	128
13	Electron Injection from Photoexcited Metal-Organic Framework Ligands to Ru_2 Secondary Building Units for Visible-Light-Driven Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , 2018, 140, 5326-5329.	6.6	122
14	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
15	Nanoscale Metal-Organic Frameworks Generate Reactive Oxygen Species for Cancer Therapy. <i>ACS Central Science</i> , 2020, 6, 861-868.	5.3	110
16	Nanoscale Metal-Organic Layers for Radiotherapy-radiodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2018, 140, 16971-16975.	6.6	102
17	Nanoscale Metal-Organic Layer Isolates Phthalocyanines for Efficient Mitochondria-Targeted Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2021, 143, 2194-2199.	6.6	94
18	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

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19	Ultrathin Metal-Organic-Layer Mediated Radiotherapy-Radiodynamic Therapy. <i>Matter</i> , 2019, 1, 1331-1353.	5.0	78
20	Biomimetic nanoscale metal-organic framework harnesses hypoxia for effective cancer radiotherapy and immunotherapy. <i>Chemical Science</i> , 2020, 11, 7641-7653.	3.7	78
21	Metal-organic layers stabilize earth-abundant metal-terpyridine diradical complexes for catalytic C-H activation. <i>Chemical Science</i> , 2018, 9, 143-151.	3.7	75
22	Nanoscale Metal-Organic Framework Hierarchically Combines High-Z Components for Multifarious Radio-Enhancement. <i>Journal of the American Chemical Society</i> , 2019, 141, 6859-6863.	6.6	74
23	Multifunctional Nanoscale Metal-Organic Layers for Ratiometric pH and Oxygen Sensing. <i>Journal of the American Chemical Society</i> , 2019, 141, 18964-18969.	6.6	60
24	Nanoscale Metal-Organic Layers for Deeply Penetrating X-Ray-Induced Photodynamic Therapy. <i>Angewandte Chemie</i> , 2017, 129, 12270-12274.	1.6	59
25	Metal-Organic Layers for Synergistic Lewis Acid and Photoredox Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 1746-1751.	6.6	57
26	Nanoscale metal-organic frameworks for x-ray activated in situ cancer vaccination. <i>Science Advances</i> , 2020, 6, .	4.7	40
27	Shaped Pt-Ni nanocrystals with an ultrathin Pt-enriched shell derived from one-pot hydrothermal synthesis as active electrocatalysts for oxygen reduction. <i>Nano Research</i> , 2015, 8, 1480-1496.	5.8	38
28	Nanoscale Metal-Organic Layers Detect Mitochondrial Dysregulation and Chemoresistance via Ratiometric Sensing of Glutathione and pH. <i>Journal of the American Chemical Society</i> , 2021, 143, 1284-1289.	6.6	38
29	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
30	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
31	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
32	Metal-Organic Layers Catalyze Photoreactions without Pore Size and Diffusion Limitations. <i>Chemistry - A European Journal</i> , 2018, 24, 15772-15776.	1.7	25
33	Metal-Organic Layers Hierarchically Integrate Three Synergistic Active Sites for Tandem Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3115-3120.	7.2	25
34	Reprogramming of Neutrophils as Non-canonical Antigen Presenting Cells by Radiotherapy-Radiodynamic Therapy to Facilitate Immune-Mediated Tumor Regression. <i>ACS Nano</i> , 2021, 15, 17515-17527.	7.3	22
35	Metal-Organic Layers Efficiently Catalyze Photoinduced Polymerization under Visible Light. <i>Inorganic Chemistry</i> , 2018, 57, 10489-10493.	1.9	20
36	Ultrathin metal-organic layer-mediated radiotherapy-radiodynamic therapy enhances immunotherapy of metastatic cancers. <i>Matter</i> , 2019, 1, 1331-1353.	5.0	20

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37	Synergistic Effect over Sub-nm Pt Nanocluster@MOFs Significantly Boosts Photo-oxidation of N-alkyl(iso)quinolinium Salts. <i>IScience</i> , 2020, 23, 100793.	1.9	16
38	Pt/Ru/C nanocomposites for methanol electrooxidation: how Ru nanocrystals' surface structure affects catalytic performance of deposited Pt particles. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 109-117.	3.0	12
39	Metal-Organic Layers Hierarchically Integrate Three Synergistic Active Sites for Tandem Catalysis. <i>Angewandte Chemie</i> , 2021, 133, 3152-3157.	1.6	4
40	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