

Lanfang Zou

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

4,547
citations

430442

18
h-index

580395

25
g-index

27
all docs

27
docs citations

27
times ranked

6438
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable Metal-Organic Frameworks: Design, Synthesis, and Applications. <i>Advanced Materials</i> , 2018, 30, e1704303.	11.1	1,740
2	Topology-Guided Design and Syntheses of Highly Stable Mesoporous Porphyrinic Zirconium Metal-Organic Frameworks with High Surface Area. <i>Journal of the American Chemical Society</i> , 2015, 137, 413-419.	6.6	352
3	Construction of hierarchically porous metal-organic frameworks through linker labilization. <i>Nature Communications</i> , 2017, 8, 15356.	5.8	326
4	Porous Organic Polymers for Post-Combustion Carbon Capture. <i>Advanced Materials</i> , 2017, 29, 1700229.	11.1	293
5	Linker Installation: Engineering Pore Environment with Precisely Placed Functionalities in Zirconium MOFs. <i>Journal of the American Chemical Society</i> , 2016, 138, 8912-8919.	6.6	278
6	A single crystalline porphyrinic titanium metal-organic framework. <i>Chemical Science</i> , 2015, 6, 3926-3930.	3.7	236
7	Thermodynamically Guided Synthesis of Mixed-Linker Zr-MOFs with Enhanced Tunability. <i>Journal of the American Chemical Society</i> , 2016, 138, 6636-6642.	6.6	232
8	Stepwise Synthesis of Robust Metal-Organic Frameworks via Postsynthetic Metathesis and Oxidation of Metal Nodes in a Single-Crystal to Single-Crystal Transformation. <i>Journal of the American Chemical Society</i> , 2014, 136, 7813-7816.	6.6	215
9	Flexible Zirconium Metal-Organic Frameworks as Bioinspired Switchable Catalysts. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10776-10780.	7.2	179
10	One-Step Synthesis of Hybrid Core-Shell Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3927-3932.	7.2	125
11	A versatile synthetic route for the preparation of titanium metal-organic frameworks. <i>Chemical Science</i> , 2016, 7, 1063-1069.	3.7	114
12	A Reversible Crystallinity-Preserving Phase Transition in Metal-Organic Frameworks: Discovery, Mechanistic Studies, and Potential Applications. <i>Journal of the American Chemical Society</i> , 2015, 137, 7740-7746.	6.6	113
13	A label-free cytosensor for the enhanced electrochemical detection of cancer cells using polydopamine-coated carbon nanotubes. <i>Analyst</i> , 2012, 137, 1316-1318.	1.7	64
14	Stable Metal-Organic Frameworks: Stable Metal-Organic Frameworks: Design, Synthesis, and Applications (<i>Adv. Mater.</i> 37/2018). <i>Advanced Materials</i> , 2018, 30, 1870277.	11.1	55
15	Flexible Zirconium Metal-Organic Frameworks as Bioinspired Switchable Catalysts. <i>Angewandte Chemie</i> , 2016, 128, 10934-10938.	1.6	53
16	Facile one-pot synthesis of porphyrin based porous polymer networks (PPNs) as biomimetic catalysts. <i>Chemical Communications</i> , 2015, 51, 4005-4008.	2.2	50
17	One-Step Synthesis of Hybrid Core-Shell Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2018, 130, 3991-3996.	1.6	33
18	Flexible monomer-based covalent organic frameworks: design, structure and functions. <i>CrystEngComm</i> , 2017, 19, 4868-4871.	1.3	18

#	ARTICLE	IF	CITATIONS
19	<i>In situ</i> analytical characterization and chemical imaging of tablet coatings using laser induced breakdown spectroscopy (LIBS). <i>Analyst</i> , 2018, 143, 5000-5007.	1.7	16
20	Generic Ion Chromatography with Conductivity Detection Method for Analysis of Palladium Scavengers in New Drug Substances. <i>Organic Process Research and Development</i> , 2019, 23, 1060-1068.	1.3	13
21	Direct visualization of drug release in injectable implant by laser induced breakdown spectroscopy (LIBS). <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1351-1354.	1.6	9
22	Metal Speciation in Pharmaceutical Process Development: Case Studies and Process/Analytical Challenges for a Palladium-Catalyzed Cross-Coupling Reaction. <i>Organometallics</i> , 2019, 38, 185-193.	1.1	9
23	Investigation of minor elemental species within tablets using in situ depth profiling via laser-induced breakdown spectroscopy hyperspectral imaging. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 165, 105769.	1.5	9
24	Simultaneous multielement imaging of liver tissue using laser ablation inductively coupled plasma mass spectrometry. <i>Talanta</i> , 2021, 235, 122725.	2.9	8
25	Anchor installation on porous polymer networks (PPNs) for high CO ₂ uptake. <i>Polymer</i> , 2017, 126, 303-307.	1.8	7
26	InnenrÄ¼cktitelbild: Flexible Zirconium Metal-Organic Frameworks as Bioinspired Switchable Catalysts (<i>Angew. Chem.</i> 36/2016). <i>Angewandte Chemie</i> , 2016, 128, 11079-11079.	1.6	0