

Osama Shekhah

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8072633/osama-shekhah-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

1,834
citations

21
h-index

37
g-index

37
ext. papers

2,614
ext. citations

12.7
avg, IF

5.12
L-index

#	Paper	IF	Citations
33	Energy Transfer in Metal-Organic Frameworks for Fluorescence Sensing.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	15
32	High-Capacity NH Charge Storage in Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2021 , 143, 19178-19186	16.4	21
31	Ultrafast Aggregation-Induced Tunable Emission Enhancement in a Benzothiadiazole-Based Fluorescent Metal-Organic Framework Linker. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 13298-13308	3.4	2
30	Metal-Organic Frameworks Characterization via Inverse Pulse Gas Chromatography. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10243	2.6	1
29	Directional Exciton Migration in Benzoimidazole-Based Metal-Organic Frameworks. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 4917-4927	6.4	4
28	Insights into the Enhancement of MOF/Polymer Adhesion in Mixed-Matrix Membranes Polymer Functionalization. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 29041-29047	9.5	7
27	Molecular Engineering of Covalent Organic Framework Cathodes for Enhanced Zinc-Ion Batteries. <i>Advanced Materials</i> , 2021 , 33, e2103617	24	31
26	Electrochemical synthesis of continuous metal-organic framework membranes for separation of hydrocarbons. <i>Nature Energy</i> , 2021 , 6, 882-891	62.3	20
25	Intermediate Binding Control Using Metal-Organic Frameworks Enhances Electrochemical CO Reduction. <i>Journal of the American Chemical Society</i> , 2020 , 142, 21513-21521	16.4	50
24	Nanoporous Fluorinated Metal-Organic Framework-Based Membranes for CO ₂ Capture. <i>ACS Applied Nano Materials</i> , 2020 , 3, 6432-6439	5.6	25
23	Phenanthroline Covalent Organic Framework Electrodes for High-Performance Zinc-Ion Supercapattery. <i>ACS Energy Letters</i> , 2020 , 5, 2256-2264	20.1	74
22	Molecular enhancement of heterogeneous CO reduction. <i>Nature Materials</i> , 2020 , 19, 266-276	27	195
21	Realization of an Ultrasensitive and Highly Selective OFET NO Sensor: The Synergistic Combination of PDVT-10 Polymer and Porphyrin-MOF. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 18748-18760	9.5	45
20	Methanol and Humidity Capacitive Sensors Based on Thin Films of MOF Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 4155-4162	9.5	60
19	Made-to-order porous electrodes for supercapacitors: MOFs embedded with redox-active centers as a case study. <i>Chemical Communications</i> , 2020 , 56, 1883-1886	5.8	19
18	assembled ZIF superstructures an emulsion-free soft-templating approach. <i>Chemical Science</i> , 2020 , 11, 11280-11284	9.4	10
17	Access to Highly Efficient Energy Transfer in Metal-Organic Frameworks via Mixed Linkers Approach. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8580-8584	16.4	34

16	Unprecedented Ultralow Detection Limit of Amines using a Thiadiazole-Functionalized Zr(IV)-Based Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2019 , 141, 7245-7249	16.4	139
15	Tunable Twisting Motion of Organic Linkers via Concentration and Hydrogen-Bond Formation. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 5900-5906	3.8	10
14	MXene Derived Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019 , 141, 20037-20042	16.4	49
13	Highly sensitive and selective SO ₂ MOF sensor: the integration of MFM-300 MOF as a sensitive layer on a capacitive interdigitated electrode. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 5550-5554	13	92
12	Mixed matrix formulations with MOF molecular sieving for key energy-intensive separations. <i>Nature Materials</i> , 2018 , 17, 283-289	27	298
11	Carbonization of covalent triazine-based frameworks via ionic liquid induction. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 15564-15568	13	8
10	Metal-Organic Frameworks Mediate Cu Coordination for Selective CO Electroreduction. <i>Journal of the American Chemical Society</i> , 2018 , 140, 11378-11386	16.4	188
9	Metal-Organic Framework Thin Films on High-Curvature Nanostructures Toward Tandem Electrocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 31225-31232	9.5	30
8	A Comparative Study of Interdigitated Electrode and Quartz Crystal Microbalance Transduction Techniques for Metal-Organic Framework-Based Acetone Sensors. <i>Sensors</i> , 2018 , 18,	3.8	24
7	Metal-Organic Framework Membranes: From Fabrication to Gas Separation. <i>Crystals</i> , 2018 , 8, 412	2.3	38
6	Liquid phase epitaxial growth of heterostructured hierarchical MOF thin films. <i>Chemical Communications</i> , 2017 , 53, 6191-6194	5.8	43
5	H ₂ S Sensors: Fumarate-Based fcu-MOF Thin Film Grown on a Capacitive Interdigitated Electrode. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15879-15883	16.4	172
4	H ₂ S Sensors: Fumarate-Based fcu-MOF Thin Film Grown on a Capacitive Interdigitated Electrode. <i>Angewandte Chemie</i> , 2016 , 128, 16111-16115	3.6	26
3	Rechtitelbild: H ₂ S Sensors: Fumarate-Based fcu-MOF Thin Film Grown on a Capacitive Interdigitated Electrode (Angew. Chem. 51/2016). <i>Angewandte Chemie</i> , 2016 , 128, 16162-16162	3.6	1
2	Insights on Capacitive Interdigitated Electrodes Coated with MOF Thin Films: Humidity and VOCs Sensing as a Case Study. <i>Sensors</i> , 2015 , 15, 18153-66	3.8	92
1	Electrochemical Thin-Film Transistors using Covalent Organic Framework Channel. <i>Advanced Functional Materials</i> , 2011 , 21, 2201-2210	15.6	2