

Xiao Lian

List of Publications by Year in descending order

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26
papers

1,347
citations

361413
20
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552781
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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	A Double-Responsive Fluorescent Center for Monitoring of Food Spoilage based on Dye Covalently Modified EuMOFs: From Sensory Hydrogels to Logic Devices. <i>Advanced Materials</i> , 2017, 29, 1702298.	21.0	214
2	A lanthanide metal-organic framework (MOF-76) for adsorbing dyes and fluorescence detecting aromatic pollutants. <i>RSC Advances</i> , 2016, 6, 11570-11576.	3.6	114
3	Phosphonate MOFs Composite as an On Fluorescent Sensor for Detecting Purine Metabolite Uric Acid and Diagnosing Hyperuricuria. <i>Inorganic Chemistry</i> , 2017, 56, 6802-6808.	4.0	92
4	Eu ³⁺ functionalized Sc-MOFs: Turn-on fluorescent switch for ppb-level biomarker of plastic pollutant polystyrene in serum and urine and on-site detection by smartphone. <i>Biosensors and Bioelectronics</i> , 2017, 97, 299-304.	10.1	82
5	Eu ³⁺ -Functionalized Covalent Organic Framework Hybrid Material as a Sensitive Turn-On Fluorescent Switch for Levofloxacin Monitoring in Serum and Urine. <i>Inorganic Chemistry</i> , 2019, 58, 9956-9963.	4.0	81
6	Wearable glove sensor for non-invasive organophosphorus pesticide detection based on a double-signal fluorescence strategy. <i>Nanoscale</i> , 2018, 10, 13722-13729.	5.6	71
7	A Postsynthetic Modified MOF Hybrid as Heterogeneous Photocatalyst for β -Phenethyl Alcohol and Reusable Fluorescence Sensor. <i>Inorganic Chemistry</i> , 2016, 55, 11831-11838.	4.0	70
8	Trace Detection of Organophosphorus Chemical Warfare Agents in Wastewater and Plants by Luminescent UiO-67(Hf) and Evaluating the Bioaccumulation of Organophosphorus Chemical Warfare Agents. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 14869-14876.	8.0	66
9	A postsynthetically modified MOF hybrid as a ratiometric fluorescent sensor for anion recognition and detection. <i>Dalton Transactions</i> , 2016, 45, 18668-18675.	3.3	53
10	Lanthanide hybrids of covalently-coordination cooperative post-functionalized metal-organic frameworks for luminescence tuning and highly-selectively sensing of tetrahydrofuran. <i>Dalton Transactions</i> , 2018, 47, 6210-6217.	3.3	52
11	A Luminescent 3d-4f-4d MOF Nanoprobe as a Diagnosis Platform for Human Occupational Exposure to Vinyl Chloride Carcinogen. <i>Inorganic Chemistry</i> , 2017, 56, 11176-11183.	4.0	49
12	Novel "Turn-On" Fluorescent Probe for Highly Selectively Sensing Fluoride in Aqueous Solution Based on Tb ³⁺ -Functionalized Metal-Organic Frameworks. <i>ACS Omega</i> , 2018, 3, 12513-12519.	3.5	49
13	Diagnosis of penicillin allergy: a MOFs-based composite hydrogel for detecting β -lactamase in serum. <i>Chemical Communications</i> , 2019, 55, 241-244.	4.1	49
14	Novel core-shell structure microspheres based on lanthanide complexes for white-light emission and fluorescence sensing. <i>Dalton Transactions</i> , 2016, 45, 2666-2673.	3.3	48
15	Highly sensing probe for biological metabolite of benzene series pollutants based on recyclable Eu ³⁺ functionalized metal-organic frameworks hybrids. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 852-859.	7.8	43
16	Recyclable Eu ³⁺ functionalized Hf-MOF fluorescent probe for urinary metabolites of some organophosphorus pesticides. <i>Talanta</i> , 2020, 214, 120856.	5.5	33
17	A dual-functional bimetallic-organic framework nanosensor for detection and decontamination of lachrymator in drinking water. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 168-174.	7.8	31
18	A dual-functional intelligent logic detector based on new Ln-MOFs: first visual logical probe for the two-dimensional monitoring of pyrethroid biomarkers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 3023-3028.	5.5	28

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19	Antineoplastic Mitoxantrone Monitor: A Sandwiched Mixed Matrix Membrane (MMM) Based on a Luminescent MOF-Hydrogel Hybrid. <i>Inorganic Chemistry</i> , 2020, 59, 10304-10310.	4.0	27
20	Luminescent Hybrid Membrane-Based Logic Device: From Enantioselective Discrimination to Read-Only Memory for Information Processing. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 29779-29785.	8.0	20
21	Multi-component luminescent lanthanide hybrids of both functionalized IRMOF-3 and SBA-15. <i>New Journal of Chemistry</i> , 2015, 39, 5898-5901.	2.8	17
22	Self-Assembly of Lanthanide-Based Metallogel Nanoplates into Microcubic Blocks as Self-Calibrating Luminescent Methanol Sensors. <i>ACS Applied Nano Materials</i> , 2021, 4, 4735-4745.	5.0	16
23	Zr ⁴⁺ -based metal organic gel as a fluorescent "Turn on/off" sensing platform for the selective detection and adsorption of CrO ₄ ²⁻ . <i>Materials Chemistry Frontiers</i> , 2021, 5, 1932-1941.	5.9	13
24	Self-assembly of γ -MnO ₂ /Mn ₃ O ₄ hierarchical structure on carbon cloth for asymmetric supercapacitors. <i>Journal of Materials Science</i> , 2021, 56, 3246-3255.	3.7	12
25	Synergy of PVP and ethanol to synthesize Ni ₃ S ₄ quantum dots for high-performance asymmetric supercapacitors. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1764-1772.	5.9	10
26	Conductive NiMn-based bimetallic metal-organic gel nanosheets for supercapacitors. <i>Materials Advances</i> , 2021, 2, 4362-4369.	5.4	7