Xiao Lian

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8573927/publications.pdf

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26 papers	1,347 citations	361045 20 h-index	552369 26 g-index
26 all docs	26 docs citations	26 times ranked	1422 citing authors

#	Article	IF	Citations
1	A Doubleâ€Stimuliâ€Responsive Fluorescent Center for Monitoring of Food Spoilage based on Dye Covalently Modified EuMOFs: From Sensory Hydrogels to Logic Devices. Advanced Materials, 2017, 29, 1702298.	11.1	214
2	A lanthanide metalâ€“organic framework (MOF-76) for adsorbing dyes and fluorescence detecting aromatic pollutants. RSC Advances, 2016, 6, 11570-11576.	1.7	114
3	Phosphonate MOFs Composite as Offâ€“On Fluorescent Sensor for Detecting Purine Metabolite Uric Acid and Diagnosing Hyperuricuria. Inorganic Chemistry, 2017, 56, 6802-6808.	1.9	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. Biosensors and Bioelectronics, 2017, 97, 299-304.	5.3	82
5	Eu³⁺-Functionalized Covalent Organic Framework Hybrid Material as a Sensitive Turn-On Fluorescent Switch for Levofloxacin Monitoring in Serum and Urine. Inorganic Chemistry, 2019, 58, 9956-9963.	1.9	81
6	Wearable glove sensor for non-invasive organophosphorus pesticide detection based on a double-signal fluorescence strategy. Nanoscale, 2018, 10, 13722-13729.	2.8	71
7	A Postsynthetic Modified MOF Hybrid as Heterogeneous Photocatalyst for Î±-Phenethyl Alcohol and Reusable Fluorescence Sensor. Inorganic Chemistry, 2016, 55, 11831-11838.	1.9	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. ACS Applied Materials & Interfaces, 2018, 10, 14869-14876.	4.0	66
9	A postsynthetically modified MOF hybrid as a ratiometric fluorescent sensor for anion recognition and detection. Dalton Transactions, 2016, 45, 18668-18675.	1.6	53
10	Lanthanide hybrids of covalently-coordination cooperative post-functionalized metalâ€“organic frameworks for luminescence tuning and highly-selectively sensing of tetrahydrofuran. Dalton Transactions, 2018, 47, 6210-6217.	1.6	52
11	A Luminescent 3d-4f-4d MOF Nanoprobe as a Diagnosis Platform for Human Occupational Exposure to Vinyl Chloride Carcinogen. Inorganic Chemistry, 2017, 56, 11176-11183.	1.9	49
12	Novel â€œTurn-Onâ€•Fluorescent Probe for Highly Selectively Sensing Fluoride in Aqueous Solution Based on Tb³⁺-Functionalized Metalâ€“Organic Frameworks. ACS Omega, 2018, 3, 12513-12519.	1.6	49
13	Diagnosis of penicillin allergy: a MOFs-based composite hydrogel for detecting Î²-lactamase in serum. Chemical Communications, 2019, 55, 241-244.	2.2	49
14	Novel coreâ€“shell structure microspheres based on lanthanide complexes for white-light emission and fluorescence sensing. Dalton Transactions, 2016, 45, 2666-2673.	1.6	48
15	Highly sensing probe for biological metabolite of benzene series pollutants based on recyclable Eu3+ functionalized metal-organic frameworks hybrids. Sensors and Actuators B: Chemical, 2017, 253, 852-859.	4.0	43
16	Recyclable Eu3+ functionalized Hf-MOF fluorescent probe for urinary metabolites of some organophosphorus pesticides. Talanta, 2020, 214, 120856.	2.9	33
17	A dual-functional bimetallic-organic framework nanosensor for detection and decontamination of lachrymator in drinking water. Sensors and Actuators B: Chemical, 2019, 281, 168-174.	4.0	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. Journal of Materials Chemistry C, 2020, 8, 3023-3028.	2.7	28

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19	Antineoplastic Mitoxantrone Monitor: A Sandwiched Mixed Matrix Membrane (MMM) Based on a Luminescent MOFâ€“Hydrogel Hybrid. Inorganic Chemistry, 2020, 59, 10304-10310.	1.9	27
20	Luminescent Hybrid Membrane-Based Logic Device: From Enantioselective Discrimination to Read-Only Memory for Information Processing. ACS Applied Materials & Interfaces, 2018, 10, 29779-29785.	4.0	20
21	Multi-component luminescent lanthanide hybrids of both functionalized IRMOF-3 and SBA-15. New Journal of Chemistry, 2015, 39, 5898-5901.	1.4	17
22	Self-Assembly of Lanthanide-Based Metallogel Nanoplates into Microcubic Blocks as Self-Calibrating Luminescent Methanol Sensors. ACS Applied Nano Materials, 2021, 4, 4735-4745.	2.4	16
23	Zr⁴⁺-based metal organic gel as a fluorescent â€œTurn onâ€“offâ€•sensing platform for the selective detection and adsorption of CrO₄^{2â^'}. Materials Chemistry Frontiers, 2021, 5, 1932-1941.	3.2	13
24	Self-assembly of Î±-MnO2/Mn3O4 hierarchical structure on carbon cloth for aymmetric supercapacitors. Journal of Materials Science, 2021, 56, 3246-3255.	1.7	12
25	Synergy of PVP and ethanol to synthesize Ni₃S₄ quantum dots for high-performance asymmetric supercapacitors. Materials Chemistry Frontiers, 2020, 4, 1764-1772.	3.2	10
26	Conductive NiMn-based bimetallic metalâ€“organic gel nanosheets for supercapacitors. Materials Advances, 2021, 2, 4362-4369.	2.6	7