

Meng Li

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,051
citations

361413

20
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1553
citing authors

#	ARTICLE	IF	CITATIONS
1	A near-infrared colorimetric fluorescent chemodosimeter for the detection of glutathione in living cells. <i>Chemical Communications</i> , 2014, 50, 1751.	4.1	198
2	Electrochemical sensing using boronic acids. <i>Chemical Communications</i> , 2015, 51, 14562-14573.	4.1	79
3	Ditopic boronic acid and imine-based naphthalimide fluorescence sensor for copper (<sc>ii</sc>). <i>Chemical Communications</i> , 2014, 50, 11806-11809.	4.1	76
4	A redox-activated fluorescence switch based on a ferrocene-“fluorophore”-boronic ester conjugate. <i>Chemical Communications</i> , 2015, 51, 1293-1296.	4.1	55
5	Clustering-Triggered Emission of Carboxymethylated Nanocellulose. <i>Frontiers in Chemistry</i> , 2019, 7, 447.	3.6	55
6	Fluorescence detection and removal of copper from water using a biobased and biodegradable 2D soft material. <i>Chemical Communications</i> , 2018, 54, 184-187.	4.1	53
7	“Irregular”-aggregation-induced emission luminogens. <i>Coordination Chemistry Reviews</i> , 2020, 418, 213358.	18.8	44
8	Engineering a ratiometric fluorescent sensor membrane containing carbon dots for efficient fluoride detection and removal. <i>Chemical Engineering Journal</i> , 2020, 399, 125741.	12.7	41
9	Self-assembling fluorescent hydrogel for highly efficient water purification and photothermal conversion. <i>Chemical Engineering Journal</i> , 2022, 431, 134245.	12.7	39
10	Dual-function cellulose composites for fluorescence detection and removal of fluoride. <i>Dyes and Pigments</i> , 2018, 149, 669-675.	3.7	37
11	Promoting mercury removal from desulfurization slurry via S-doped carbon nitride/graphene oxide 3D hierarchical framework. <i>Separation and Purification Technology</i> , 2020, 239, 116515.	7.9	35
12	Cobalt-based metal-organic frameworks promoting magnesium sulfite oxidation with ultrahigh catalytic activity and stability. <i>Journal of Colloid and Interface Science</i> , 2020, 559, 88-95.	9.4	33
13	Lysosomal tracking with a cationic naphthalimide using multiphoton fluorescence lifetime imaging microscopy. <i>Chemical Communications</i> , 2017, 53, 11161-11164.	4.1	32
14	Fluorescence Sensing with Cellulose-Based Materials. <i>ChemistryOpen</i> , 2017, 6, 685-696.	1.9	31
15	A ratiometric fluorescent hydrogel of controlled thickness prepared continuously using microtomy for the detection and removal of Hg(II). <i>Chemical Engineering Journal</i> , 2021, 426, 131296.	12.7	29
16	A practical graphitic carbon nitride (g-C ₃ N ₄) based fluorescence sensor for the competitive detection of trithiocyanuric acid and mercury ions. <i>Dyes and Pigments</i> , 2019, 170, 107476.	3.7	28
17	“Cellulose Spacer”-Strategy: Anti-Aggregation-Caused Quenching Membrane for Mercury Ion Detection and Removal. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15182-15189.	6.7	25
18	Promoting magnesium sulfite oxidation <i>via</i> partly oxidized metal nanoparticles on graphitic carbon nitride (g-C ₃ N ₄) in the magnesia desulfurization process. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11296-11305.	10.3	23

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19	Fluorescent thermometer based on a quinolinemalononitrile copolymer with aggregation-induced emission characteristics. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1503-1509.	5.9	21
20	A luminescence molecular switch via modulation of PET and ICT processes in DCM system. <i>Science China Chemistry</i> , 2017, 60, 607-613.	8.2	20
21	Advances in fluorescent sensors for β -galactosidase. <i>Materials Chemistry Frontiers</i> , 2021, 5, 763-774.	5.9	19
22	A glutamic acid-modified cellulose fibrous composite used for the adsorption of heavy metal ions from single and binary solutions. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2317-2323.	5.9	16
23	Construction of Confined Bifunctional 2D Material for Efficient Sulfur Resource Recovery and Hg^{2+} Adsorption in Desulfurization. <i>Environmental Science & Technology</i> , 2022, 56, 4531-4541.	10.0	13
24	Oil Water Interfacial Phosphate Transfer Facilitated by Boronic Acid: Observation of Unusually Fast Oil Water Lateral Charge Transport. <i>ChemElectroChem</i> , 2014, 1, 1640-1646.	3.4	11
25	Dicyanomethylene-4H-pyran-based NIR fluorescent ratiometric chemosensor for pH measurement. <i>Research on Chemical Intermediates</i> , 2018, 44, 3959-3969.	2.7	10
26	Amphiphilic engineering of reduced graphene oxides using a carbon nitride coating for superior removal of organic pollutants from wastewater. <i>Carbon</i> , 2021, 184, 479-491.	10.3	7
27	Ferrocene-Boronic Acid-Fructose Binding Based on Dual-Plate Generator-Collector Voltammetry and Square-Wave Voltammetry. <i>ChemElectroChem</i> , 2015, 2, 867-871.	3.4	6
28	Kinetics of magnesium sulfite oxidation catalyzed by cobalt using a straw/sludge substrate as support. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, 201-207.	2.3	6
29	An upcycled wood sponge adsorbent for drinking water purification by solar steam generation. <i>Environmental Science: Nano</i> , 2022, 9, 2559-2571.	4.3	5
30	Surface Engineering of Porphyrin Coordination on a Carbon Nanotube for Efficient Hydrogen Evolution. <i>ChemCatChem</i> , 2020, 12, 2469-2477.	3.7	4
31	Oil Water Interfacial Phosphate Transfer Facilitated by Boronic Acid: Observation of Unusually Fast Oil Water Lateral Charge Transport. <i>ChemElectroChem</i> , 2014, 1, 1587-1587.	3.4	0