

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 | Self-assembling fluorescent hydrogel for highly efficient water purification and photothermal conversion. <i>Chemical Engineering Journal</i> , 2022, 431, 134245. | 12.7 | 39 |
| 2 | 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 |
| 3 | 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 |
| 4 | Advances in fluorescent sensors for β -galactosidase. <i>Materials Chemistry Frontiers</i> , 2021, 5, 763-774. | 5.9 | 19 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Surface Engineering of Porphyrin Coordination on a Carbon Nanotube for Efficient Hydrogen Evolution. <i>ChemCatChem</i> , 2020, 12, 2469-2477. | 3.7 | 4 |
| 11 | Irregular aggregation-induced emission luminogens. <i>Coordination Chemistry Reviews</i> , 2020, 418, 213358. | 18.8 | 44 |
| 12 | 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 |
| 13 | 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 |
| 14 | Clustering-Triggered Emission of Carboxymethylated Nanocellulose. <i>Frontiers in Chemistry</i> , 2019, 7, 447. | 3.6 | 55 |
| 15 | 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 |
| 16 | Fluorescent thermometer based on a quinolinemalononitrile copolymer with aggregation-induced emission characteristics. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1503-1509. | 5.9 | 21 |
| 17 | Dicyanomethylene-4H-pyran-based NIR fluorescent ratiometric chemosensor for pH measurement. <i>Research on Chemical Intermediates</i> , 2018, 44, 3959-3969. | 2.7 | 10 |
| 18 | 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 |

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|----|--|------|-----------|
| 19 | Dual-function cellulose composites for fluorescence detection and removal of fluoride. <i>Dyes and Pigments</i> , 2018, 149, 669-675. | 3.7 | 37 |
| 20 | 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 |
| 21 | 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 |
| 22 | Lysosomal tracking with a cationic naphthalimide using multiphoton fluorescence lifetime imaging microscopy. <i>Chemical Communications</i> , 2017, 53, 11161-11164. | 4.1 | 32 |
| 23 | Fluorescence Sensing with Cellulose-Based Materials. <i>ChemistryOpen</i> , 2017, 6, 685-696. | 1.9 | 31 |
| 24 | 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 |
| 25 | Ferrocene-Boronic Acid- <i>Fructose</i> Binding Based on Dual-Plate Generator-Collector Voltammetry and Square-Wave Voltammetry. <i>ChemElectroChem</i> , 2015, 2, 867-871. | 3.4 | 6 |
| 26 | Electrochemical sensing using boronic acids. <i>Chemical Communications</i> , 2015, 51, 14562-14573. | 4.1 | 79 |
| 27 | A redox-activated fluorescence switch based on a ferrocene-fluorophore-boronic ester conjugate. <i>Chemical Communications</i> , 2015, 51, 1293-1296. | 4.1 | 55 |
| 28 | 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 |
| 29 | A near-infrared colorimetric fluorescent chemodosimeter for the detection of glutathione in living cells. <i>Chemical Communications</i> , 2014, 50, 1751. | 4.1 | 198 |
| 30 | 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 |
| 31 | Ditopic boronic acid and imine-based naphthalimide fluorescence sensor for copper(<i>sc</i> p>ii</scp>). <i>Chemical Communications</i> , 2014, 50, 11806-11809. | 4.1 | 76 |