

Metal-Organic Frameworks for the Removal of Emerg

Chemical Reviews

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Best Practices for Evaluating New Materials as Adsorbents for Water Treatment. , 2020, 2, 1532-1544.		47
2	Selective CO ₂ adsorption over functionalized Zr-based metal organic framework under atmospheric or lower pressure: Contribution of functional groups to adsorption. Chemical Engineering Journal, 2020, 402, 126254.	6.6	58
3	Removal of nitrogen-containing compounds from microalgae derived biofuel by adsorption over functionalized metal organic frameworks. Fuel, 2020, 280, 118622.	3.4	31
4	Detoxification of Endocrine Disruptors in Water Using Visible-Light-Active Nanostructures: A Review. ACS Applied Nano Materials, 2020, 3, 11659-11687.	2.4	22
5	Heterogeneous Photocatalytic Selective Reductive Transformations of Organic Compounds: a Review. Theoretical and Experimental Chemistry, 2020, 56, 143-173.	0.2	12
6	Antibiotic Adsorption by Metal-Organic Framework (UiO-66): A Comprehensive Kinetic, Thermodynamic, and Mechanistic Study. Antibiotics, 2020, 9, 722.	1.5	17
7	Plasmonic hydrogels for capture, detection and removal of organic pollutants. Environmental Science: Nano, 2020, 7, 3888-3900.	2.2	23
8	Robust Anionic Ln ^{III} Organic Frameworks: Chemical Fixation of CO ₂ , Tunable Light Emission, and Fluorescence Recognition of Fe ³⁺ . Inorganic Chemistry, 2020, 59, 13407-13415.	1.9	25
9	Distinct and Selective Amine- and Anion-Responsive Behaviors of an Electron-Deficient and Anion-Exchangeable Metal-Organic Framework. ACS Applied Materials & Interfaces, 2020, 12, 43958-43966.	4.0	33
10	Graphitic carbon nitride nanotubes: a new material for emerging applications. RSC Advances, 2020, 10, 34059-34087.	1.7	35
11	Rice Crust-Like ZnO/Ti ₃ C ₂ T _x MXene Hybrid Structures for Improved Photocatalytic Activity. Catalysts, 2020, 10, 1140.	1.6	35
12	Current Trends in the Application of Nanomaterials for the Removal of Emerging Micropollutants and Pathogens from Water. Molecules, 2020, 25, 2016.	1.7	63
13	Removal of heavy metals by polysaccharide: a review. Polymer-Plastics Technology and Materials, 2020, 59, 1770-1790.	0.6	20
14	Modulation of driving forces fo UiO-66 analog adsorbents by decoration with amino functional groups: Superior adsorption of hazardous dyes. Journal of Molecular Structure, 2020, 1220, 128716.	1.8	15
15	A remarkable adsorbent for removal of bisphenol S from water: Aminated metal-organic framework, MIL-101-NH ₂ . Chemical Engineering Journal, 2020, 396, 125224.	6.6	63
16	Highly Efficient Separation of Anionic Organic Pollutants from Water via Construction of Functional Cationic Metal-Organic Frameworks and Mechanistic Study. ACS Applied Materials & Interfaces, 2020, 12, 22835-22844.	4.0	12
17	Adsorptive removal of hazardous organics from water and fuel with functionalized metal-organic frameworks: Contribution of functional groups. Journal of Hazardous Materials, 2021, 403, 123655.	6.5	109
18	MOF based engineered materials in water remediation: Recent trends. Journal of Hazardous Materials, 2021, 403, 123605.	6.5	226

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20	A versatile strategy to eliminate emerging contaminants from the aqueous environment: Heterogeneous Fenton process. <i>Journal of Cleaner Production</i> , 2021, 278, 124014.	4.6	111
21	Encapsulated anion-dominated photocatalytic and adsorption performances for organic dye degradation and oxoanion pollutant capture over cationic Cu-organic framework semiconductors. <i>Dalton Transactions</i> , 2021, 50, 197-207.	1.6	19
22	HKUST-1 modified ultrastability cellulose/chitosan composite aerogel for highly efficient removal of methylene blue. <i>Carbohydrate Polymers</i> , 2021, 255, 117402.	5.1	87
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25	Zwitterionic surface charge regulation in ionic covalent organic nanosheets: Synergistic adsorption of fluoroquinolone antibiotics. <i>Chemical Engineering Journal</i> , 2021, 417, 128034.	6.6	26
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38	Predicting the adsorption of organic pollutants on boron nitride nanosheets <i>via in silico</i> techniques: DFT computations and QSAR modeling. Environmental Science: Nano, 2021, 8, 795-805.	2.2	13
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