

Photophysics Modulation in Photoswitchable Metal-€

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Controllable CO ₂ Capture in Metal-Organic Frameworks: Making Targeted Active Sites Respond to Light. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 21894-21900.	1.8	18
2	Construction of Multifunctional Luminescent Lanthanide MOFs by Hydrogen Bond Functionalization for Picric Acid Detection and Fluorescent Dyes Encapsulation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 13497-13506.	3.2	57
3	Luminescent metal-organic frameworks and their potential applications. <i>Journal of Chemical Sciences</i> , 2020, 132, 1.	0.7	34
4	Functionalizing Luminescent Metal-Organic Frameworks for Enhanced Photoluminescence. <i>ACS Energy Letters</i> , 2020, 5, 2671-2680.	8.8	58
5	Composition-tuned metal-organic thin-film structures based on photoswitchable azobenzene by ALD/MLD. <i>Dalton Transactions</i> , 2020, 49, 11310-11316.	1.6	8
6	Photochemically Crushable and Regenerative Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2020, 142, 14069-14073.	6.6	21
7	Functional metal-organic frameworks as effective sensors of gases and volatile compounds. <i>Chemical Society Reviews</i> , 2020, 49, 6364-6401.	18.7	784
8	ON/OFF Photoswitching and Thermoinduced Spin Crossover with Cooperative Luminescence in a 2D Iron(II) Coordination Polymer. <i>Inorganic Chemistry</i> , 2020, 59, 13009-13013.	1.9	37
9	Spiro-conjugated indenodiarylethenes: enabling steric-induced electronic tuning of photochromic and photoluminescent properties by spiro-conjugation. <i>Science China Chemistry</i> , 2020, 63, 1659-1665.	4.2	11
10	Energy Transfer in Metal-Organic Frameworks and Its Applications. <i>Small Structures</i> , 2020, 1, 2000019.	6.9	26
11	Three-component D-A hybrid heterostructures with enhanced photochromic, photomodulated luminescence and selective anion-sensing properties. <i>Dalton Transactions</i> , 2020, 49, 13083-13089.	1.6	24
12	Impact of diffusion methods and metal cations on photochromic three-component D-A hybrid heterostructures. <i>Dalton Transactions</i> , 2020, 49, 12411-12417.	1.6	11
13	Light-switchable Metal-Organic Cages. <i>Chemistry Letters</i> , 2020, 49, 609-615.	0.7	48
14	Photoresponsivity and antibiotic sensing properties of an entangled tris(pyridinium)-based metal-organic framework. <i>Dalton Transactions</i> , 2020, 49, 7488-7495.	1.6	31
15	Hierarchy in Metal-Organic Frameworks. <i>ACS Central Science</i> , 2020, 6, 359-367.	5.3	130
16	Band Alignment as the Method for Modifying Electronic Structure of Metal-Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 17611-17619.	4.0	36
17	The Future of Molecular Machines. <i>ACS Central Science</i> , 2020, 6, 347-358.	5.3	220
18	A New Multifunctional Zinc-Organic Framework with Rare Interpenetrated Tripillared Bilayers as a Luminescent Probe for Detecting Ni ²⁺ and PO ₄ ³⁻ in Water. <i>Crystal Growth and Design</i> , 2020, 20, 5120-5128.	1.4	35

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20	Selective chemochromic and chemically-induced photochromic response of a metal-organic framework. <i>Chemical Communications</i> , 2020, 56, 5929-5932.	2.2	35
21	Crystallographic Visualization of a Double Water Molecule Addition on a Pt 1 -MOF during the Low-temperature Water-Gas Shift Reaction. <i>ChemCatChem</i> , 2021, 13, 1195-1200.	1.8	7
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26	Controlling molecular packing via diffusion methods for enhanced photochromic properties in D-A hybrid heterostructures. <i>Dyes and Pigments</i> , 2021, 186, 109027.	2.0	14
27	Photoswitchable Metal-Organic Framework Thin Films: From Spectroscopy to Remote-Controllable Membrane Separation and Switchable Conduction. <i>Langmuir</i> , 2021, 37, 2-15.	1.6	29
28	Encoding Multilayer Complexity in Anti-Counterfeiting Heterometallic MOF-Based Optical Tags. <i>Angewandte Chemie</i> , 2021, 133, 1223-1231.	1.6	7
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34	Photo-induced variation of magnetism in coordination polymers with ligand-based electron transfer. <i>Dalton Transactions</i> , 2021, 50, 13124-13137.	1.6	9
35	Sunlight-activated phase change materials for controlled heat storage and triggered release. <i>Journal of Materials Chemistry A</i> , 2021, 9, 9798-9808.	5.2	61
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38	Photochromic and photocontrolled luminescent rare-earth A hybrid crystals based on rigid viologen acceptors. <i>CrystEngComm</i> , 2021, 23, 6267-6275.	1.3	9
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