

# CITATION REPORT

List of articles citing

Enhanced Photocatalytic Oxidation of Isopropanol by [email protected]<sub>2</sub> CoreShell Structure with Ultrathin Anatase Porous Shell: Toxic Intermediate Control

DOI: 10.1021/acs.iecr.6b01400

Industrial & Engineering Chemistry Research, 2016, 55, 8096-8103.

**Source:** <https://exaly.com/paper-pdf/63481970/citation-report.pdf>

**Version:** 2024-04-29

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
53	Emerging Applications of Metal-Organic Frameworks and Covalent Organic Frameworks. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 8079-8081	9.6	94
52	TiO <sub>2</sub> /in-situ reduced GO/functionalized with an IL-Cr complex as a ternary photocatalyst composite for efficient carbon monoxide deterioration from air. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 206, 184-193	21.8	31
51	TiO <sub>2</sub> aerogel-Cu-BTC metal-organic framework composites for enhanced photon absorption. <i>Materials Letters</i> , <b>2017</b> , 197, 236-240	3.3	27
50	Specific Recovery and In Situ Reduction of Precious Metals from Waste To Create MOF Composites with Immobilized Nanoclusters. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2017</b> , 56, 13975-13982	3.9	34
49	Construction of CdS@UO-66-NH core-shell nanorods for enhanced photocatalytic activity with excellent photostability. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 524, 379-387	9.3	63
48	Enhanced visible-light photocatalytic activity to volatile organic compounds degradation and deactivation resistance mechanism of titania confined inside a metal-organic framework. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 522, 174-182	9.3	50
47	Implantation of Iron(III) in porphyrinic metal organic frameworks for highly improved photocatalytic performance. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 224, 60-68	21.8	75
46	Metal-organic frameworks for solar energy conversion by photoredox catalysis. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 373, 83-115	23.2	113
45	A mechanistic approach towards the photocatalytic organic transformations over functionalised metal organic frameworks: a review. <i>Catalysis Science and Technology</i> , <b>2018</b> , 8, 679-696	5.5	77
44	Combining the Photocatalysis and Absorption Properties of Core-Shell Cu-BTC@TiO <sub>2</sub> Microspheres: Highly Efficient Desulfurization of Thiophenic Compounds from Fuel. <i>Materials</i> , <b>2018</b> , 11,	3.5	15
43	Efficient photoactivity of TiO <sub>2</sub> -hybrid-porous nanocomposite: Effect of humidity. <i>Applied Surface Science</i> , <b>2018</b> , 458, 546-554	6.7	15
42	Strategies for Overcoming Defects of HKUST-1 and Its Relevant Applications. <i>Advanced Materials Interfaces</i> , <b>2019</b> , 6, 1900423	4.6	10
41	Highly Efficient Oxygen Reduction Reaction Catalyst Derived from Fe/Ni Mixed-Metal-Organic Frameworks for Application of Fuel Cell Cathode. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 10224-10237	3.9	14
40	Highly efficient visible-light-driven photocatalytic degradation of VOCs by CO <sub>2</sub> -assisted synthesized mesoporous carbon confined mixed-phase TiO <sub>2</sub> nanocomposites derived from MOFs. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 250, 337-346	21.8	74
39	Metal-organic framework-based nanomaterials for adsorption and photocatalytic degradation of gaseous pollutants: recent progress and challenges. <i>Environmental Science: Nano</i> , <b>2019</b> , 6, 1006-1025	7.1	152
38	Status and challenges in photocatalytic nanotechnology for cleaning air polluted with volatile organic compounds: visible light utilization and catalyst deactivation. <i>Environmental Science: Nano</i> , <b>2019</b> , 6, 3185-3214	7.1	74
37	Rational Design of Efficient Semiconductor-based Photocatalysts via Microdroplets: A Review. <i>KONA Powder and Particle Journal</i> , <b>2019</b> , 36, 201-214	3.4	7

36	TiO <sub>2</sub> -Integrated Carbon Prepared via Pyrolysis of Ti-Loaded Metal-Organic Frameworks for Redox Catalysis. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 191-201	5.6	13
35	Sensitization of TiO <sub>2</sub> by the symmetric cationic polymethine dye for the photocatalytic reduction of methylene blue. <i>Functional Materials Letters</i> , <b>2019</b> , 12, 1950038	1.2	4
34	Sustainable synthesis of HKUST-1 and its composite by biocompatible ionic liquid for enhancing visible-light photocatalytic performance. <i>Journal of Cleaner Production</i> , <b>2019</b> , 208, 353-362	10.3	31
33	Ultra-efficient removal of NO in a MOFs-NTP synergistic process at ambient temperature. <i>Chemical Engineering Journal</i> , <b>2019</b> , 358, 291-298	14.7	23
32	Functionalized metal-organic frameworks for photocatalytic degradation of organic pollutants in environment. <i>Chemosphere</i> , <b>2020</b> , 242, 125144	8.4	99
31	The synthesis strategies and photocatalytic performances of TiO <sub>2</sub> /MOFs composites: A state-of-the-art review. <i>Chemical Engineering Journal</i> , <b>2020</b> , 391, 123601	14.7	77
30	Enhanced d-d transitions in HKUST/Bi <sub>2</sub> WO <sub>6</sub> nanocomposite mediated visible-light driven selective conversion of benzyl alcohol to benzaldehyde. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 18380-18388	3.6	2
29	Three-dimensional hierarchical nanostructured porous TiO <sub>2</sub> aerogel/Cobalt based metal-organic framework (MOF) composite as an electrode material for supercapattery. <i>Journal of Energy Storage</i> , <b>2020</b> , 32, 101750	7.8	14
28	SnO <sub>2</sub> /Sb <sub>2</sub> O <sub>3</sub> composites synthesized by mechanical milling method with excellent photocatalytic properties for isopropyl alcohol oxidation. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 8564-8577	2.1	1
27	Applications of MOFs and Their Composite Materials in Light-Driven Redox Reactions. <b>2020</b> , 377-461		0
26	Heterostructured TiO@HKUST-1 for the enhanced removal of methylene blue by integrated adsorption and photocatalytic degradation. <i>Environmental Technology (United Kingdom)</i> , <b>2021</b> , 42, 4134-4144	2.6	6
25	Fabrication of ZIF-8@TiO <sub>2</sub> micron composite via hydrothermal method with enhanced absorption and photocatalytic activities in tetracycline degradation. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 825, 154008	5.7	44
24	Construction of Cu-bridged Cu <sub>2</sub> O/MIL(Fe/Cu) catalyst with enhanced interfacial contact for the synergistic photo-Fenton degradation of thiacloprid. <i>Chemical Engineering Journal</i> , <b>2020</b> , 395, 125184	14.7	51
23	Photocatalytic reaction mechanisms at a gas-solid interface for typical air pollutant decomposition. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 20184-20210	13	5
22	Stabilizing effects of zinc(II)-benzene-1,3,5-tricarboxylate metal organic frameworks on the performance of TiO <sub>2</sub> photoanodes for use in dye-sensitized solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2021</b> , 407, 113063	4.7	7
21	Manifestation of Cu-MOF-templated TiO <sub>2</sub> nanocomposite for synergistic photoreduction of CO <sub>2</sub> to methanol production. <i>Emergent Materials</i> , <b>2021</b> , 4, 503-514	3.5	1
20	TiO <sub>2</sub> doped HKUST-1/CM film in the three-phase photocatalytic ammonia synthesis system. <i>Ceramics International</i> , <b>2021</b> , 47, 19180-19190	5.1	3
19	Efficiently Enantioselective Hydrogenation Photosynthesis of (-)-1-[3,5-Bis(trifluoromethyl)phenyl] ethanol over a CLEs-TiO Bioinorganic Hybrid Materials. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 41454-41463	9.5	3

18	Hierarchically mesoporous mixed copper oxide/calcined layered double hydroxides composites for iodide high-efficiency elimination. <i>Journal of Solid State Chemistry</i> , <b>2021</b> , 303, 122509	3.3	0
17	TiO <sub>2</sub> with controllable oxygen vacancies for efficient isopropanol degradation: photoactivity and reaction mechanism. <i>Catalysis Science and Technology</i> , <b>2021</b> , 11, 4060-4071	5.5	4
16	Metal-Organic Frameworks With Variable Valence Metal-Photoactive Components: Emerging Platform for Volatile Organic Compounds Photocatalytic Degradation. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 749839	5	3
15	Assembling UiO-66@TiO <sub>2</sub> nanocomposites for efficient photocatalytic degradation of dimethyl sulfide. <i>Chemical Engineering Journal</i> , <b>2021</b> , 133952	14.7	5
14	Enhanced water-resistant performance of Cu-BTC through polyvinylpyrrolidone protection and its capture ability evaluation of methylene blue. <i>New Journal of Chemistry</i> ,	3.6	0
13	Post-synthetic modification of aluminum trimesate and copper trimesate with TiO nanoparticles for photocatalytic applications.. <i>Journal of Materials Science</i> , <b>2022</b> , 57, 1-23	4.3	0
12	Metal-Organic Framework-Derived p-Type Cu <sub>3</sub> P/Hexagonal Boron Nitride Nanostructures for Photocatalytic Oxidative Coupling of Aryl Halides to Biphenyl Derivatives. <i>ACS Applied Nano Materials</i> ,	5.6	1
11	A facile synthesis of bismuth-iron bimetal MOF composite silver vanadate applied to visible light photocatalysis. <i>Optical Materials</i> , <b>2022</b> , 126, 112168	3.3	0
10	Characterization and assessment of the photocatalytic activity of ZnO-Fe <sub>3</sub> O <sub>4</sub> /TiO <sub>2</sub> nanocomposite based on MIL-125(Ti) synthesized by mixed solvo-hydrothermal and sol-gel methods. <i>Journal of Water Process Engineering</i> , <b>2022</b> , 47, 102750	6.7	0
9	Sandwich-like photocatalyst MIL-101@TiO@PDVB with water resistance for efficient oxidation of toluene.. <i>Chemosphere</i> , <b>2022</b> , 133921	8.4	0
8	Low-temperature water-assisted crystallization approach to MOF@TiO <sub>2</sub> core-shell nanostructures for efficient dye removal. <i>Inorganic Chemistry Frontiers</i> ,	6.8	1
7	High-Performance Gas-Liquid-Solid Optofluidic Microreactor with TiO <sub>2</sub> -X-Ag@HKUST-1/Carbon Paper for Efficient Photocatalytic Nitrogen Fixation to Ammonia. <i>SSRN Electronic Journal</i> ,	1	
6	A novel photocatalytic and photoelectrocatalytic system for oxidative desulfurization of model fuel using BiVO <sub>4</sub> @HKUST-1 composite in powder and deposited on fluorine-doped tin oxide. <b>2022</b> , 433, 114190		1
5	Review of the performance of MOF/g-C <sub>3</sub> N <sub>4</sub> composites for photocatalytic hydrogen production and CO <sub>2</sub> reduction.		0
4	Boosting highly capture of trace tetracycline with a novel water-resistant and magnetic (ZIF-8)-on-(Cu-BTC@Fe <sub>3</sub> O <sub>4</sub> ) composite. <b>2022</b> , 123797		1
3	High-performance gas-liquid-solid optofluidic microreactor with TiO <sub>2</sub> -Ag@HKUST-1/carbon paper for efficient photocatalytic nitrogen fixation to ammonia. <b>2023</b> , 660, 130874		0
2	A critical review on core/shell-based nanostructured photocatalysts for improved hydrogen generation. <b>2023</b> ,		1
1	Electrospinning synthesis of CuBTC/TiO <sub>2</sub> /PS composite nanofiber on HEPA filter with self-cleaning property for indoor air purification. <b>2023</b> , 172, 621-631		0

