

# Yin Wang

## List of Publications by Year in descending order

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22  
papers

1,705  
citations

331670

21  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1331  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced removal of Cr(VI) from aqueous solution by stabilized nanoscale zero valent iron and copper bimetal intercalated montmorillonite. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 941-952.	9.4	142
2	A novel cellulose hydrogel coating with nanoscale FeO for Cr(VI) adsorption and reduction. <i>Science of the Total Environment</i> , 2020, 726, 138625.	8.0	135
3	Critical review of perovskite-based materials in advanced oxidation system for wastewater treatment: Design, applications and mechanisms. <i>Journal of Hazardous Materials</i> , 2022, 424, 127637.	12.4	126
4	Synthesis of octahedral like Cu-BTC derivatives derived from MOF calcined under different atmosphere for application in CO oxidation. <i>Journal of Solid State Chemistry</i> , 2018, 258, 582-587.	2.9	124
5	Cu-Fe embedded cross-linked 3D hydrogel for enhanced reductive removal of Cr(VI): Characterization, performance, and mechanisms. <i>Chemosphere</i> , 2021, 280, 130663.	8.2	110
6	Facile Synthesis of Highly Efficient Amorphous MnO Catalysts: Formation Mechanism and Structure Changes during Application in CO Oxidation. <i>Chemistry - A European Journal</i> , 2018, 24, 8822-8832.	3.3	106
7	Reactivity of carbon spheres templated Ce/LaCo <sub>0.5</sub> Cu <sub>0.5</sub> O <sub>3</sub> in the microwave induced H <sub>2</sub> O <sub>2</sub> catalytic degradation of salicylic acid: Characterization, kinetic and mechanism studies. <i>Journal of Colloid and Interface Science</i> , 2020, 574, 74-86.	9.4	98
8	Highly efficient microwave-assisted Fenton degradation bisphenol A using iron oxide modified double perovskite intercalated montmorillonite composite nanomaterial as catalyst. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 446-459.	9.4	96
9	Enhanced catalytic activity of templated-double perovskite with 3D network structure for salicylic acid degradation under microwave irradiation: Insight into the catalytic mechanism. <i>Chemical Engineering Journal</i> , 2019, 368, 115-128.	12.7	92
10	A facile synthesis for porous CuO/Cu <sub>2</sub> O composites derived from MOFs and their superior catalytic performance for CO oxidation. <i>Inorganic Chemistry Communication</i> , 2017, 86, 74-77.	3.9	89
11	Iron-based materials for simultaneous removal of heavy metal(loid)s and emerging organic contaminants from the aquatic environment: Recent advances and perspectives. <i>Environmental Pollution</i> , 2022, 299, 118871.	7.5	86
12	Study of catalytic activity at the Ag/Al-SBA-15 catalysts for CO oxidation and selective CO oxidation. <i>Chemical Engineering Journal</i> , 2016, 283, 1097-1107.	12.7	71
13	Highly effective microwave-induced catalytic degradation of Bisphenol A in aqueous solution using double-perovskite intercalated montmorillonite nanocomposite. <i>Chemical Engineering Journal</i> , 2020, 390, 124550.	12.7	65
14	Microwave catalytic activities of supported perovskite catalysts MO <sub>x</sub> /LaCo <sub>0.5</sub> Cu <sub>0.5</sub> O <sub>3</sub> @CM (M=Ag, Al) for salicylic acid degradation. <i>Journal of Colloid and Interface Science</i> , 2020, 564, 392-405.	9.4	64
15	Degradation of norfloxacin by MOF-derived lamellar carbon nanocomposites based on microwave-driven Fenton reaction: Improved Fe(III)/Fe(II) cycle. <i>Chemosphere</i> , 2022, 293, 133614.	8.2	61
16	Synthesis of hierarchically porous perovskite-carbon aerogel composite catalysts for the rapid degradation of fuchsin basic under microwave irradiation and an insight into probable catalytic mechanism. <i>Applied Surface Science</i> , 2018, 439, 475-487.	6.1	46
17	Sword-like CuO/CeO <sub>2</sub> composites derived from a Ce-BTC metal-organic framework with superior CO oxidation performance. <i>RSC Advances</i> , 2018, 8, 33096-33102.	3.6	40
18	Synthesis and characterization of a high capacity ionic modified hydrogel adsorbent and its application in the removal of Cr(VI) from aqueous solution. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 6881-6890.	6.7	39

#	ARTICLE	IF	CITATIONS
19	Magnetic ion exchange resin for effective removal of perfluorooctanoate from water: study of a response surface methodology and adsorption performances. Environmental Science and Pollution Research, 2018, 25, 29267-29278.	5.3	39
20	Facile synthesis of Ag/KIT-6 catalyst via a simple one pot method and application in the CO oxidation. Journal of Porous Materials, 2017, 24, 1661-1665.	2.6	31
21	Bromate removal from aqueous solution with novel flower-like Mg-Al-layered double hydroxides. Environmental Science and Pollution Research, 2018, 25, 27503-27513.	5.3	29
22	Effect of support calcination temperature on Ag structure and catalytic activity for CO oxidation. Chemical Research in Chinese Universities, 2016, 32, 455-460.	2.6	16