

# Liwei Hou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11640293/publications.pdf>

Version: 2024-02-01

14  
papers

1,558  
citations

840119

11  
h-index

1125271

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1804  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound enhanced heterogeneous activation of peroxydisulfate by a bimetallic Fe-Co/SBA-15 catalyst for the degradation of Orange II in water. <i>Journal of Hazardous Materials</i> , 2015, 283, 70-79.	6.5	456
2	Ultrasound enhanced heterogeneous activation of peroxydisulfate by magnetite catalyst for the degradation of tetracycline in water. <i>Separation and Purification Technology</i> , 2012, 84, 147-152.	3.9	233
3	Ultrasound-assisted heterogeneous Fenton-like degradation of tetracycline over a magnetite catalyst. <i>Journal of Hazardous Materials</i> , 2016, 302, 458-467.	6.5	225
4	Electrochemical enhanced heterogeneous activation of peroxydisulfate by Fe-Co/SBA-15 catalyst for the degradation of Orange II in water. <i>Water Research</i> , 2014, 66, 473-485.	5.3	183
5	Degradation of C. I. Acid Orange 7 in aqueous solution by a novel electro/Fe <sub>3</sub> O <sub>4</sub> /PDS process. <i>Journal of Hazardous Materials</i> , 2014, 276, 182-191.	6.5	154
6	Shape-controlled nanostructured magnetite-type materials as highly efficient Fenton catalysts. <i>Applied Catalysis B: Environmental</i> , 2014, 144, 739-749.	10.8	95
7	Ultrasound enhanced heterogeneous activation of peroxydisulfate by bimetallic Fe-Co/GAC catalyst for the degradation of Acid Orange 7 in water. <i>Journal of Environmental Sciences</i> , 2014, 26, 1267-1273.	3.2	71
8	Relating organic fouling of reverse osmosis membranes to adsorption during the reclamation of secondary effluents containing methylene blue and rhodamine B. <i>Journal of Hazardous Materials</i> , 2011, 192, 490-499.	6.5	49
9	FTIR study of fatty acid fouling of reverse osmosis membranes: Effects of pH, ionic strength, calcium, magnesium and temperature. <i>Separation and Purification Technology</i> , 2011, 77, 171-178.	3.9	31
10	Design of nanocrystalline mixed oxides with improved oxygen mobility: a simple non-aqueous route to nano-LaFeO <sub>3</sub> and the consequences on the catalytic oxidation performances. <i>Chemical Communications</i> , 2013, 49, 4923.	2.2	25
11	Ionic Liquid-Mediated Fe <sub>2</sub> O <sub>3</sub> Shape-Controlled Nanocrystal-Supported Noble Metals: Highly Active Materials for CO Oxidation. <i>ChemCatChem</i> , 2013, 5, 1978-1988.	1.8	13
12	A simple non-aqueous route to nano-perovskite mixed oxides with improved catalytic properties. <i>Catalysis Today</i> , 2017, 287, 30-36.	2.2	11
13	Degradation of Orange II in aqueous solution by a novel electro/Fe <sub>3</sub> O <sub>4</sub> process. <i>Water Science and Technology</i> , 2013, 68, 2441-2447.	1.2	9
14	Photochemistry of Fe(III)-Tetracycline Complexes in Aqueous Solution under UV Irradiation. , 2012, , .		3