

# Yinghui Han

## List of Publications by Year in descending order

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30  
papers

682  
citations

933447

10  
h-index

677142

22  
g-index

30  
all docs

30  
docs citations

30  
times ranked

692  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of the Synthesis and Applications of Polymer-Nanoclay Composites. Applied Sciences (Switzerland), 2018, 8, 1696.	2.5	226
2	Simultaneous Desulfurization and Denitrification from Flue Gas by Ferrate(VI). Environmental Science & Technology, 2011, 45, 4060-4065.	10.0	106
3	Simultaneous removal of SO <sub>2</sub> , NO and Hg <sub>0</sub> from flue gas by ferrate (VI) solution. Energy, 2014, 67, 652-658.	8.8	67
4	Mechanism and kinetics of magnesium sulfite oxidation catalyzed by multiwalled carbon nanotube. Applied Catalysis B: Environmental, 2017, 203, 851-858.	20.2	50
5	Redox-active nanostructure electrode of Mn/Ni bimetal organic frameworks anchoring on multi-walled carbon nanotubes for advanced supercapacitor. Journal of Electroanalytical Chemistry, 2021, 882, 114993.	3.8	42
6	Application of the Supercapacitor for Energy Storage in China: Role and Strategy. Applied Sciences (Switzerland), 2022, 12, 354.	2.5	38
7	Simultaneous Removal of SO <sub>2</sub> and NO from Flue Gas Using Multicomposite Active Absorbent. Industrial & Engineering Chemistry Research, 2012, 51, 480-486.	3.7	30
8	Visible-light-induced photocatalytic oxidation of nitric oxide and sulfur dioxide: Discrete kinetics and mechanism. Energy, 2016, 103, 725-734.	8.8	27
9	Metal-organic framework-derived carbon coated copper sulfide nanocomposites as a battery-type electrode for electrochemical capacitors. Materials Letters, 2019, 236, 131-134.	2.6	25
10	Abatement of SO <sub>2</sub> -NO <sub>x</sub> binary gas mixtures using a ferruginous active absorbent: Part I. Synergistic effects and mechanism. Journal of Environmental Sciences, 2015, 30, 55-64.	6.1	11
11	Mesoporous Nickel-Based Zeolite Capsule Complex with Fe <sub>3</sub> O <sub>4</sub> as Electrode for Advanced Supercapacitor. Journal of Nanomaterials, 2018, 2018, 1-13.	2.7	8
12	Fabrication of Strontium Bismuth Oxides as Novel Battery-Type Electrode Materials for High-Performance Supercapacitors. Journal of Nanomaterials, 2018, 2018, 1-10.	2.7	8
13	Conversion Dependence of the Mean Size of the Star-Branched Polymers Made by AB+A <sub>n</sub> Type Polycondensation. Macromolecules, 2004, 37, 3470-3474.	4.8	6
14	Effects of natural oxidation on the photoluminescence properties of Si nanocrystals prepared by pulsed laser ablation. Applied Physics A: Materials Science and Processing, 2014, 117, 1557-1562.	2.3	6
15	New insights into synergistic effects and active species toward Hg <sub>0</sub> emission control by Fe(VI) absorbent. Fuel, 2015, 140, 309-316.	6.4	6
16	Fabrication of Mn-Ce Bimetallic Oxides as Electrode Material for Supercapacitors with High Performance. Journal of Electronic Materials, 2021, 50, 2725-2737.	2.2	6
17	Prevention of stack corrosion under wet flue gas desulfurization conditions in a coal-fired power plant: performance analysis and comparative study. Environmental Systems Research, 2016, 5, .	3.7	5
18	Photoluminescence decay properties of Si-rich-oxide/SiO <sub>2</sub> multilayer films with different Si-quantum dots densities. Superlattices and Microstructures, 2014, 75, 136-143.	3.1	3

#	ARTICLE	IF	CITATIONS
19	The Plate-Like Hexagonal Ni-Fe-Sr Layered Double Hydroxides as Advanced Electrodes for Electrochemical Energy Storage. <i>Journal of Electronic Materials</i> , 2020, 49, 1043-1050.	2.2	3
20	Feasibility Analysis of Simultaneous DeSO <sub>2</sub> /DeNO <sub>x</sub> Using Plasma and Combined Photocatalysis. , 2008, , .		2
21	Electrochemical Performance of Ni-MOFs for Supercapacitors. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 317, 012070.	0.6	2
22	High-performance strontium and bismuth bimetallic oxides electrode¼šcombine first-principles calculations with electrochemical tests. <i>Materials Today Communications</i> , 2020, 24, 100927.	1.9	2
23	Application of Fenton Reaction Technology in the Field of Environmental Protection. , 2009, , .		1
24	Experimental investigations into the formation of nanocrystal silicon thin film synthesized at low substrate temperature. <i>Superlattices and Microstructures</i> , 2014, 75, 496-504.	3.1	1
25	Analysis of micro-grid integration with PV, energy storage and ground-source heat pump based on DeST simulation. , 2017, , .		1
26	Experimental Study of Simultaneous Flue Gas Desulfurization and Denitrification by New-Style Complex Absorbent. , 2009, , .		0
27	Removal of 1,2,4-TCB from Flue Gas by Aqueous Chlorine-Dioxide Scrubbing. , 2009, , .		0
28	Study on Treating Desulfurization Gypsum by Sulfate-Reducing Bacteria. , 2009, , .		0
29	Statistical Investigation of the Mean Size Distribution of AB <sub>2</sub> /B <sub>f</sub> Type Hyperbranched Polymer. <i>Journal of Macromolecular Science - Physics</i> , 2013, 52, 36-47.	1.0	0
30	Numerical simulation of NO removal in NO/N <sub>2</sub> mixture plasmas under different radical shielding conditions. <i>Physics Essays</i> , 2015, 28, 491-495.	0.4	0