

# Hua Deng

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Adsorption of Malachite Green and Pb <sup>2+</sup> by KMnO <sub>4</sub> -Modified Biochar: Insights and Mechanisms. <i>Sustainability</i> , 2022, 14, 2040.	3.2	12
2	EDTAD-modified cassava stalks loaded with Fe <sub>3</sub> O <sub>4</sub> : highly efficient removal of Pb <sup>2+</sup> and Zn <sup>2+</sup> from aqueous solution. <i>Environmental Science and Pollution Research</i> , 2021, 28, 6733-6745.	5.3	11
3	Strong Adsorption of Phosphorus by ZnAl-LDO-Activated Banana Biochar: An Analysis of Adsorption Efficiency, Thermodynamics, and Internal Mechanisms. <i>ACS Omega</i> , 2021, 6, 7402-7412.	3.5	17
4	Superefficient Removal of Heavy Metals from Wastewater by Mg-Loaded Biochars: Adsorption Characteristics and Removal Mechanisms. <i>Langmuir</i> , 2020, 36, 9160-9174.	3.5	73
5	Effects of Two Types of Straw Biochar on the Mineralization of Soil Organic Carbon in Farmland. <i>Sustainability</i> , 2020, 12, 10586.	3.2	15
6	Green Removal of Various Pollutants by Microsphere Adsorption: Material Characterization and Adsorption Behavior. <i>Energy &amp; Fuels</i> , 2020, 34, 16330-16340.	5.1	7
7	Fabrication and Characterization of Novel ZnAl-Layered Double Hydroxide for the Superadsorption of Organic Contaminants from Wastewater. <i>ACS Omega</i> , 2020, 5, 15152-15161.	3.5	40
8	High-Efficiency Removal of Cr(VI) from Wastewater by Mg-Loaded Biochars: Adsorption Process and Removal Mechanism. <i>Materials</i> , 2020, 13, 947.	2.9	13
9	Removal of Zn(II), Mn(II) and Cu(II) by adsorption onto banana stalk biochar: adsorption process and mechanisms. <i>Water Science and Technology</i> , 2020, 82, 2962-2974.	2.5	26
10	Phosphate adsorption from wastewater using ZnAl-LDO-loaded modified banana straw biochar. <i>Environmental Science and Pollution Research</i> , 2019, 26, 18343-18353.	5.3	46
11	Characteristics of nitrogen and phosphorus adsorption by Mg-loaded biochar from different feedstocks. <i>Bioresource Technology</i> , 2019, 276, 183-189.	9.6	173
12	Selective determination of trace boron based on resonance Rayleigh scattering energy transfer from nanogold aggregate to complex of boric acid and azomethine-H. <i>Analytical Methods</i> , 2014, 6, 3724.	2.7	12
13	Feedback-Linearization-Based Neural Adaptive Control for Unknown Nonaffine Nonlinear Discrete-Time Systems. <i>IEEE Transactions on Neural Networks</i> , 2008, 19, 1615-1625.	4.2	63