

# Danhui Xin

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

229  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Abiotic reduction of 3-nitro-1,2,4-triazol-5-one (NTO) and other munitions constituents by wood-derived biochar through its rechargeable electron storage capacity. <i>Environmental Sciences: Processes and Impacts</i> , 2022, , .	3.5	3
2	Pyrolysis Creates Electron Storage Capacity of Black Carbon (Biochar) from Lignocellulosic Biomass. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 6821-6831.	6.7	19
3	Visualizing the distribution of black carbon's electron storage capacity using silver. <i>MethodsX</i> , 2020, 7, 100838.	1.6	2
4	Visualizing electron storage capacity distribution in biochar through silver tagging. <i>Chemosphere</i> , 2020, 248, 125952.	8.2	10
5	Effect of Pyrolysis Temperature on Acidic Oxygen-Containing Functional Groups and Electron Storage Capacities of Pyrolyzed Hydrochars. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8387-8396.	6.7	47
6	New methods for assessing electron storage capacity and redox reversibility of biochar. <i>Chemosphere</i> , 2019, 215, 827-834.	8.2	45
7	Methane emissions from landfill: influence of vegetation and weather conditions. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2173-2181.	2.2	16
8	A simulation model for methane emissions from landfills with interaction of vegetation and cover soil. <i>Waste Management</i> , 2018, 71, 267-276.	7.4	11
9	Chemical methods for determining the electron storage capacity of black carbon. <i>MethodsX</i> , 2018, 5, 1515-1520.	1.6	8
10	A Simulation model for estimating methane oxidation and emission from landfill cover soils. <i>Waste Management</i> , 2018, 77, 426-434.	7.4	20
11	Site specific diel methane emission mechanisms in landfills: A field validated process based on vegetation and climate factors. <i>Environmental Pollution</i> , 2016, 218, 673-680.	7.5	24
12	Hybrid cement-assisted dewatering, solidification and stabilization of sewage sludge with high organic content. <i>Journal of Material Cycles and Waste Management</i> , 2016, 18, 356-365.	3.0	24