

# Danhui Xin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4917734/publications.pdf>

Version: 2024-02-01

12  
papers

229  
citations

1040056

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1199594

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docs citations

12  
times ranked

249  
citing authors

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