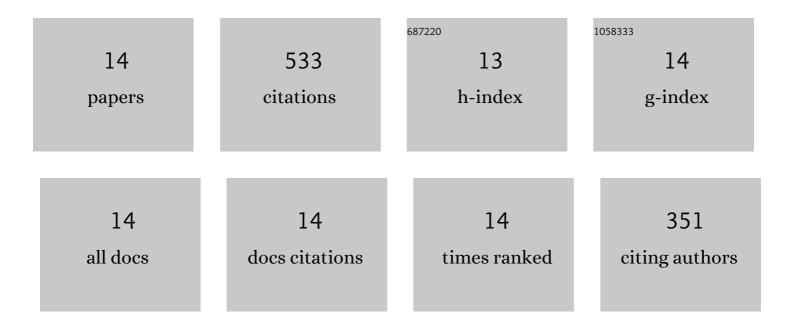
## Ning Cai

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9108581/publications.pdf Version: 2024-02-01



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#	Article	IF	CITATIONS
1	Pyrolysis-catalysis of different waste plastics over Fe/Al2O3 catalyst: High-value hydrogen, liquid fuels, carbon nanotubes and possible reaction mechanisms. Energy Conversion and Management, 2021, 229, 113794.	4.4	105
2	Hydrogen production from cellulose catalytic gasification on CeO2/Fe2O3 catalyst. Energy Conversion and Management, 2018, 171, 241-248.	4.4	55
3	Pyrolysis of Chinese chestnut shells: Effects of temperature and Fe presence on product composition. Bioresource Technology, 2019, 287, 121444.	4.8	50
4	Preparation of Iron―and Nitrogen odoped Carbon Nanotubes from Waste Plastics Pyrolysis for the Oxygen Reduction Reaction. ChemSusChem, 2020, 13, 938-944.	3.6	49
5	Bimetallic carbon nanotube encapsulated Fe-Ni catalysts from fast pyrolysis of waste plastics and their oxygen reduction properties. Waste Management, 2020, 109, 119-126.	3.7	45
6	Synthesis and formation mechanism of biomass-based mesoporous graphitic carbon. Fuel Processing Technology, 2020, 209, 106543.	3.7	43
7	Temperature-dependent magnesium citrate modified formation of MgO nanoparticles biochar composites with efficient phosphate removal. Chemosphere, 2021, 274, 129904.	4.2	42
8	High-value products from ex-situ catalytic pyrolysis of polypropylene waste using iron-based catalysts: the influence of support materials. Waste Management, 2021, 136, 47-56.	3.7	33
9	Fe–Co based synergistic catalytic graphitization of biomass: Influence of the catalyst type and the pyrolytic temperature. Energy, 2022, 239, 122262.	4.5	25
10	Hydrogen and aromatics recovery through plasma-catalytic pyrolysis of waste polypropylene. Journal of Cleaner Production, 2022, 350, 131467.	4.6	24
11	Influence of the ratio of Fe/Al2O3 on waste polypropylene pyrolysis for high value-added products. Journal of Cleaner Production, 2021, 315, 128240.	4.6	22
12	Application of Carbon Nanotubes from Waste Plastics As Filler to Epoxy Resin Composite. ACS Sustainable Chemistry and Engineering, 2022, 10, 2204-2213.	3.2	20
13	Reaction kinetics, mechanism, and product analysis of the iron catalytic graphitization of cellulose. Journal of Cleaner Production, 2021, 329, 129735.	4.6	19
14	Distinguishing the impact of temperature on iron catalyst during the catalytic-pyrolysis of waste polypropylene. Proceedings of the Combustion Institute, 2023, 39, 835-845.	2.4	1