

# Ran Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8028192/publications.pdf>

Version: 2024-02-01

19  
papers

507  
citations

840776

11  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

615  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on plasma denitration by a bamboo based composite catalyst. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 166, 108466.	3.6	1
2	Mechanism study on NO removal over the CQDs@MIL-100 (Fe) composite photocatalyst. <i>Environmental Technology and Innovation</i> , 2021, 24, 101809.	6.1	9
3	Preparation of a novel V <sub>2</sub> C mxene/g-C <sub>3</sub> N <sub>4</sub> and its performance in plasma catalytic denitrification. <i>E3S Web of Conferences</i> , 2021, 252, 02068.	0.5	5
4	A facile approach to synthesis carbon quantum dots-doped P25 visible-light driven photocatalyst with improved NO removal performance. <i>Atmospheric Pollution Research</i> , 2020, 11, 303-309.	3.8	17
5	0D/2D Heterojunctions of Ti <sub>3</sub> C <sub>2</sub> MXene QDs/SiC as an Efficient and Robust Photocatalyst for Boosting the Visible Photocatalytic NO Pollutant Removal Ability. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 40176-40185.	8.0	132
6	MIL-100(Fe)/Ti <sub>3</sub> C <sub>2</sub> MXene as a Schottky Catalyst with Enhanced Photocatalytic Oxidation for Nitrogen Fixation Activities. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 44249-44262.	8.0	116
7	Experimental study on NO removal by surface activated bamboo charcoal. <i>Atmospheric Pollution Research</i> , 2019, 10, 474-479.	3.8	14
8	Ultra-efficient removal of NO in a MOFs-NTP synergistic process at ambient temperature. <i>Chemical Engineering Journal</i> , 2019, 358, 291-298.	12.7	30
9	Mechanism study on denitration by new PMS modified bamboo charcoal bifunctional photocatalyst. <i>Chemical Engineering Journal</i> , 2017, 316, 544-552.	12.7	26
10	Study on the mechanism of NO removal by plasma-adsorption catalytic process. <i>Fuel</i> , 2017, 200, 290-298.	6.4	26
11	Denitration and adsorption mechanism of heat-treated bamboo charcoal. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 6194-6200.	6.7	11
12	Study on desulfurization and denitrification by modified activated carbon fibers with visible-light photocatalysis. <i>Journal of Fuel Chemistry and Technology</i> , 2015, 43, 1516-1522.	2.0	17
13	Chemical Kinetic Research on Flame Characteristics of Ethylene under High CO <sub>2</sub> Concentration Atmosphere. <i>Advanced Materials Research</i> , 2014, 1070-1072, 512-516.	0.3	0
14	Modeling of flame characteristics under O <sub>2</sub> /CO <sub>2</sub> atmosphere by detailed chemical kinetics. , 2013, 3, 281-290.		1
15	Oxidation path analysis of NO in the adsorption and removal process using activated carbon fibers. <i>Journal of Fuel Chemistry and Technology</i> , 2012, 40, 1002-1008.	2.0	18
16	Catalytic oxidation of gas-phase elemental mercury by nano-Fe <sub>2</sub> O <sub>3</sub> . <i>Journal of Environmental Sciences</i> , 2011, 23, 699-704.	6.1	67
17	Modeling of NO conversion during combustion under high CO <sub>2</sub> concentration using detailed chemical kinetics. <i>Fuel Processing Technology</i> , 2011, 92, 939-945.	7.2	11
18	A fundamental research on combustion chemical kinetic model's precision property. <i>Science China Technological Sciences</i> , 2010, 53, 2222-2227.	4.0	3

#	ARTICLE	IF	CITATIONS
19	Experimental and modeling study of NO emission under high CO2 concentration. Science China Technological Sciences, 2010, 53, 3275-3283.	4.0	3