

# Dongwei Yao

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

220  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

179  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Investigation on N <sub>2</sub> O Formation during the Selective Catalytic Reduction of NO <sub>x</sub> with NH <sub>3</sub> over Cu-SSZ-13. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 20516-20527.	3.7	47
2	Impact of Hydrothermal Aging on SO <sub>2</sub> Poisoning over Cu-SSZ-13 Diesel Exhaust SCR Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 3949-3958.	3.7	42
3	Advances in emission control of diesel vehicles in China. <i>Journal of Environmental Sciences</i> , 2023, 123, 15-29.	6.1	30
4	N <sub>2</sub> O Formation Mechanism During Low-Temperature NH <sub>3</sub> -SCR over Cu-SSZ-13 Catalysts with Different Cu Loadings. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 10083-10093.	3.7	29
5	Online Vehicle Velocity Prediction Using an Adaptive Radial Basis Function Neural Network. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 3113-3122.	6.3	22
6	Experimental Investigation on the Emissions of a Port Fuel Injection Spark Ignition Engine Fueled with Methanol-Gasoline Blends. <i>Energy &amp; Fuels</i> , 2016, 30, 7428-7434.	5.1	20
7	Ammonia dynamic modelling over Cu-SSZ-13 catalyst for NO <sub>x</sub> emission control in diesel vehicles. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 1824-1832.	3.7	10
8	New Findings in Hydrothermal Deactivation Research on the Vanadia-Selective Catalytic Reduction Catalyst. <i>ACS Omega</i> , 2019, 4, 5088-5097.	3.5	8
9	A reduced combustion kinetic model for the methanol-gasoline blended fuels on SI engines. <i>Science China Technological Sciences</i> , 2016, 59, 81-92.	4.0	6
10	Modeling and Order Reduction for the Thermodynamics of a Diesel Oxidation Catalyst with Hydrocarbon Dosing. <i>Catalysts</i> , 2019, 9, 369.	3.5	4
11	Promotion of Cu-SSZ-13 on Urea Decomposition. <i>Energy &amp; Fuels</i> , 2021, 35, 8163-8172.	5.1	2