

# Zhiyong Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10864716/publications.pdf>

Version: 2024-02-01

11  
papers

413  
citations

1040056

9  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen-Doped Graphene Foam as a Metal-Free Catalyst for Reduction Reactions under a High Gravity Field. <i>Engineering</i> , 2020, 6, 680-687.	6.7	29
2	Cellulose derived nitrogen and phosphorus co-doped carbon-based catalysts for catalytic reduction of p-nitrophenol. <i>Journal of Colloid and Interface Science</i> , 2020, 571, 100-108.	9.4	46
3	Metal-free catalytic oxidation of benzylic alcohols for benzaldehyde. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 507-515.	3.7	17
4	CFD modelling of gas flow characteristics for the gas heating holder in environmental transmission electron microscope. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 777-784.	1.7	4
5	Preparation of 3D graphene/iron oxides aerogels based on high-gravity intensified reactive precipitation and their applications for photo-Fenton reaction. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 129, 77-83.	3.6	17
6	3D foam-structured nitrogen-doped graphene-Ni catalyst for highly efficient nitrobenzene reduction. <i>AIChE Journal</i> , 2018, 64, 1330-1338.	3.6	17
7	Recent advances on metal-free graphene-based catalysts for the production of industrial chemicals. <i>Frontiers of Chemical Science and Engineering</i> , 2018, 12, 855-866.	4.4	27
8	Sulfurized Graphene as Efficient Metal-Free Catalysts for Reduction of 4-Nitrophenol to 4-Aminophenol. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 13610-13617.	3.7	100
9	Synthesis of flower-shaped V <sub>2</sub> O <sub>5</sub> :Fe <sup>3+</sup> microarchitectures in a high-gravity rotating packed bed with enhanced electrochemical performance for lithium ion batteries. <i>Chemical Engineering and Processing: Process Intensification</i> , 2017, 120, 201-206.	3.6	16
10	Facile and Scalable Preparation of Fluorescent Carbon Dots for Multifunctional Applications. <i>Engineering</i> , 2017, 3, 402-408.	6.7	130
11	Synthesis of heavy alkyl benzene sulfonate in a rotating packed bed combined with a stirred tank reactor. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016, 110, 123-127.	3.6	10