

# Zhifeng Yan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3303957/publications.pdf>

Version: 2024-02-01

13  
papers

324  
citations

1163117

8  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical dual-nanonet of polymer nanofibers and supramolecular nanofibrils for air filtration with a high filtration efficiency, low air resistance and high moisture permeation. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14093-14100.	10.3	84
2	Microstructure and Mechanical Properties of AZ31B Magnesium Alloy via Ultrasonic Surface Rolling Process. <i>Advanced Engineering Materials</i> , 2021, 23, 2100076.	3.5	8
3	Preparation of Silicalite-1 Nanosheets and its Application in Vapor-Phase Beckmann Rearrangement of Cyclohexanone Oxime. <i>Integrated Ferroelectrics</i> , 2021, 213, 12-20.	0.7	0
4	Insights into adsorption performances and direct decomposition mechanisms of NO on [FeO] <sub>1+</sub> -ZSM-5: A density functional theory study. <i>Applied Surface Science</i> , 2020, 508, 145212.	6.1	1
5	Deeper insight into hydrolysis mechanisms of polyester/cotton blended fabrics for separation by explicit solvent models. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 596-605.	7.5	14
6	Preparation and characterization of microcrystalline cellulose from waste cotton fabrics by using phosphotungstic acid. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 363-368.	7.5	41
7	Extraction and characterization of microcrystalline cellulose from waste cotton fabrics via hydrothermal method. <i>Waste Management</i> , 2018, 82, 139-146.	7.4	56
8	Separation and Characterization of Waste Cotton/polyester Blend Fabric with Hydrothermal Method. <i>Fibers and Polymers</i> , 2018, 19, 742-750.	2.1	31
9	The Initial Stages of NH <sub>3</sub> and NO Adsorption On (Mo <sub>2</sub> O <sub>5</sub> ) <sub>2+</sub> /HZSM-5 with Two Adjacent Unsaturated fiveFold Mo Sites in SCR Reaction: A Cluster DFT Study. <i>Catalysis Letters</i> , 2017, 147, 1006-1018.	2.6	4
10	NH <sub>3</sub> adsorption on the Lewis and Bronsted acid sites of MoO <sub>3</sub> (010) surface: A cluster DFT study. <i>Applied Surface Science</i> , 2014, 288, 690-694.	6.1	38
11	A cluster DFT study of NH <sub>3</sub> and NO adsorption on the (MoO <sub>2</sub> ) <sub>2+</sub> /HZSM-5 surface: Lewis versus Brønsted acid sites. <i>Applied Surface Science</i> , 2014, 321, 339-347.	6.1	21
12	Adsorption of NO on MoO <sub>3</sub> (010) surface with different location of terminal oxygen vacancy defects: A density functional theory study. <i>Applied Surface Science</i> , 2012, 258, 3163-3167.	6.1	23
13	As-extruded AZ31B magnesium alloy fatigue crack propagation behavior. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2011, 26, 1114-1120.	1.0	3