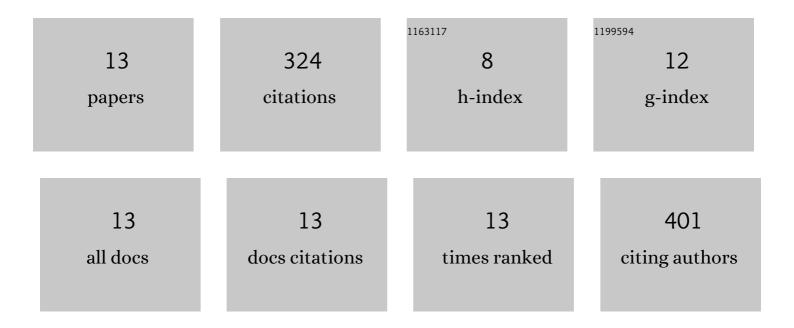
Zhifeng Yan

List of Publications by Year in descending order

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ΖΗΙΕΕΝΟ ΥΛΝ

#	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. Journal of Materials Chemistry A, 2021, 9, 14093-14100.	10.3	84
2	Microstructure and Mechanical Properties of AZ31B Magnesium Alloy via Ultrasonic Surface Rolling Process. Advanced Engineering Materials, 2021, 23, 2100076.	3.5	8
3	Preparation of Silicalite-1 Nanosheets and its Application in Vapor-Phase Beckmann Rearrangement of Cyclohexanone Oxime. Integrated Ferroelectrics, 2021, 213, 12-20.	0.7	0
4	Insights into adsorption performances and direct decomposition mechanisms of NO on [FeO]1+-ZSM-5: A density functional theory study. Applied Surface Science, 2020, 508, 145212.	6.1	1
5	Deeper insight into hydrolysis mechanisms of polyester/cotton blended fabrics for separation by explicit solvent models. International Journal of Biological Macromolecules, 2020, 154, 596-605.	7.5	14
6	Preparation and characterization of microcrystalline cellulose from waste cotton fabrics by using phosphotungstic acid. International Journal of Biological Macromolecules, 2019, 123, 363-368.	7.5	41
7	Extraction and characterization of microcrystalline cellulose from waste cotton fabrics via hydrothermal method. Waste Management, 2018, 82, 139-146.	7.4	56
8	Separation and Characterization of Waste Cotton/polyester Blend Fabric with Hydrothermal Method. Fibers and Polymers, 2018, 19, 742-750.	2.1	31
9	The Initial Stages of NH3 and NO Adsorption On (Mo2O5)2+/HZSM-5 with Two Adjacent Unsaturated fiveFold Mo Sites in SCR Reaction: A Cluster DFT Study. Catalysis Letters, 2017, 147, 1006-1018.	2.6	4
10	NH3 adsorption on the Lewis and Bronsted acid sites of MoO3 (010) surface: A cluster DFT study. Applied Surface Science, 2014, 288, 690-694.	6.1	38
11	A cluster DFT study of NH3 and NO adsorption on the (MoO2)2+/HZSM-5 surface: Lewis versus BrÃ,nsted acid sites. Applied Surface Science, 2014, 321, 339-347.	6.1	21
12	Adsorption of NO on MoO3 (010) surface with different location of terminal oxygen vacancy defects: A density functional theory study. Applied Surface Science, 2012, 258, 3163-3167.	6.1	23
13	As-extruded AZ31B magnesium alloy fatigue crack propagation behavior. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 1114-1120.	1.0	3