

# Zi Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4274473/publications.pdf>

Version: 2024-02-01

14  
papers

2,162  
citations

933447

10  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Data-driven prediction of battery cycle life before capacity degradation. <i>Nature Energy</i> , 2019, 4, 383-391.	39.5	1,237
2	Closed-loop optimization of fast-charging protocols for batteries with machine learning. <i>Nature</i> , 2020, 578, 397-402.	27.8	470
3	A Review on Reverse Osmosis and Nanofiltration Membranes for Water Purification. <i>Polymers</i> , 2019, 11, 1252.	4.5	326
4	Corrosion Inhibition of AZ31 Mg Alloy by Aqueous Selenite ( $\text{SeO}_3^{2-}$ ). <i>Journal of the Electrochemical Society</i> , 2019, 166, C520-C529.	2.9	27
5	Biomimetic dynamic membrane (BDM): Fabrication method and roles of carriers and laccase. <i>Chemosphere</i> , 2020, 240, 124882.	8.2	20
6	The Effect of Vanadate, Phosphate, Fluoride Compounds on the Aqueous Corrosion of Magnesium Alloy AZ31 in Dilute Chloride Solutions. <i>Materials</i> , 2020, 13, 1325.	2.9	15
7	A design method for low-frequency rotational piezoelectric energy harvesting in micro applications. <i>Microsystem Technologies</i> , 2020, 26, 981-991.	2.0	14
8	Modeling and analysis of a rotational piezoelectric energy harvester with limiters. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 5169-5176.	1.5	12
9	Preparation and nanofiltration properties of thin supported meso-porous ceria membranes. <i>Journal of Membrane Science</i> , 2020, 598, 117781.	8.2	12
10	Impact Location on a Fan-Ring Shaped High-Stiffened Panel Using Adaptive Energy Compensation Threshold Filtering Method. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1763.	2.5	11
11	Nanometer-Thick Supported Graphene Oxide Membrane for $\text{CO}_2$ Capture. <i>ACS Applied Nano Materials</i> , 2020, 3, 6654-6663.	5.0	9
12	A Microcrack Location Method Based on Nonlinear S0 Mode Lamb Wave and Probability Scan Positioning Imaging Matrix. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1874.	2.5	3
13	High Selectivity Gas Separation by Interfacial Diffusion Membranes. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801273.	3.7	3
14	Gas Separation: High Selectivity Gas Separation by Interfacial Diffusion Membranes ( <i>Adv. Mater.</i> )	3.7	3