

# Yao Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12116808/publications.pdf>

Version: 2024-02-01

9  
papers

76  
citations

1937685  
4  
h-index

1588992  
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all docs

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docs citations

9  
times ranked

58  
citing authors

#	ARTICLE	IF	CITATIONS
1	The 3D-Printing-Accelerated Design for a Biodegradable Respirator from Tree Leaves (TRespirator). <i>Polymers</i> , 2022, 14, 1681.	4.5	1
2	Toward Plant Energy Harvesting for 5G Signal Amplification. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 1099-1104.	6.7	9
3	Designing and Implementing VR <sup>2</sup> E <sup>2</sup> C, a Virtual Reality Remote Education for Experimental Chemistry System. <i>Journal of Chemical Education</i> , 2021, 98, 2720-2725.	2.3	15
4	Machine Learning-Assisted Discovery of High-Voltage Organic Materials for Rechargeable Batteries. <i>Journal of Physical Chemistry C</i> , 2021, 125, 21352-21358.	3.1	16
5	Planstic: Biodegradable Plastic with High-Entropy Fibers Made from Waste Plastic and Plant Leaves. <i>ACS Applied Polymer Materials</i> , 2021, 3, 5355-5360.	4.4	4
6	Gold Nanoparticle-Based Nanoengines for Light-Induced Plasmonic Bubble Generation. <i>ACS Applied Nano Materials</i> , 2021, 4, 18-23.	5.0	3
7	The Blockchain Integrated Automatic Experiment Platform (BiaeP). <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 9995-10000.	4.6	6
8	Effect of graphene quantum dot size on plant growth. <i>Nanoscale</i> , 2020, 12, 15045-15049.	5.6	20
9	Robots Built Robots: Nanorobots Customized by Intelligent Robot. <i>Crystal Growth and Design</i> , 0, , .	3.0	2