

# Runyu Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15  
papers

436  
citations

9  
h-index

16  
g-index

16  
ext. papers

505  
ext. citations

11  
avg, IF

3.64  
L-index

#	Paper	IF	Citations
15	High Energy Density and Stable Three-Dimensionally Structured Se-Loaded Bicontinuous Porous Carbon Battery Electrodes. <i>Energy Technology</i> , <b>2021</b> , 9, 2100175	3.5	4
14	Archimedean lattices emerge in template-directed eutectic solidification. <i>Nature</i> , <b>2020</b> , 577, 355-358	50.4	11
13	Mechanical Deformation-Assisted Fabrication of Plasmonic Nanobowties with Broken Symmetry and Tunable Gaps. <i>Particle and Particle Systems Characterization</i> , <b>2020</b> , 37, 1900463	3.1	1
12	High strength metallic wood from nanostructured nickel inverse opal materials. <i>Scientific Reports</i> , <b>2019</b> , 9, 719	4.9	28
11	High Volumetric and Gravimetric Capacity Electrodeposited Mesoporous Sb O Sodium Ion Battery Anodes. <i>Small</i> , <b>2019</b> , 15, e1900258	11	34
10	Effect of Surface Chemistry and Roughness on the High-Temperature Deposition of a Model Asphaltene. <i>Energy &amp; Fuels</i> , <b>2019</b> , 33, 4104-4114	4.1	1
9	Field Emitters Using Inverse Opal Structures. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1808571	15.6	8
8	Pack Aluminization Assisted Enhancement of Thermo-mechanical Properties in Nickel Inverse Opal Structures. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 1648-1654	9.6	10
7	Thin Film Condensation on Nanostructured Surfaces. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1707000	15.6	42
6	High energy flexible supercapacitors formed via bottom-up infilling of gel electrolytes into thick porous electrodes. <i>Nature Communications</i> , <b>2018</b> , 9, 2578	17.4	85
5	Electrodeposited high strength, thermally stable spectrally selective rhenium nickel inverse opals. <i>Nanoscale</i> , <b>2017</b> , 9, 11187-11194	7.7	12
4	Three-Dimensional Single Gyroid Photonic Crystals with a Mid-Infrared Bandgap. <i>ACS Photonics</i> , <b>2016</b> , 3, 1131-1137	6.3	40
3	3D Holographic Photonic Crystals Containing Embedded Functional Features. <i>Advanced Optical Materials</i> , <b>2016</b> , 4, 1533-1540	8.1	9
2	Holographic patterning of high-performance on-chip 3D lithium-ion microbatteries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 6573-8	11.5	144
1	Epitaxial growth of three dimensionally structured III-V photonic crystal via hydride vapor phase epitaxy. <i>Journal of Applied Physics</i> , <b>2015</b> , 118, 224303	2.5	7