

# Elias Z Stutz

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7698080/elias-z-stutz-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

148  
citations

6  
h-index

12  
g-index

17  
ext. papers

183  
ext. citations

6.6  
avg, IF

2.75  
L-index

#	Paper	IF	Citations
15	Chemical Bath Deposition of p-Type Transparent, Highly Conducting (CuS) <sub>x</sub> :(ZnS) <sub>1-x</sub> Nanocomposite Thin Films and Fabrication of Si Heterojunction Solar Cells. <i>Nano Letters</i> , <b>2016</b> , 16, 1925-325	11.5	77
14	van der Waals Epitaxy of Earth-Abundant Zn <sub>3</sub> P <sub>2</sub> on Graphene for Photovoltaics. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 3816-3825	3.5	16
13	Multiple morphologies and functionality of nanowires made from earth-abundant zinc phosphide. <i>Nanoscale Horizons</i> , <b>2020</b> , 5, 274-282	10.8	13
12	Thermodynamic re-assessment of the Zn <sub>3</sub> P <sub>2</sub> binary system. <i>Materialia</i> , <b>2019</b> , 6, 100301	3.2	10
11	Towards defect-free thin films of the earth-abundant absorber zinc phosphide by nanopatterning. <i>Nanoscale Advances</i> , <b>2021</b> , 3, 326-332	5.1	9
10	Nanosails Showcasing Zn <sub>3</sub> As <sub>2</sub> as an Optoelectronic-Grade Earth Abundant Semiconductor. <i>Physica Status Solidi - Rapid Research Letters</i> , <b>2019</b> , 13, 1900084	2.5	7
9	Raman spectroscopy and lattice dynamics calculations of tetragonally-structured single crystal zinc phosphide (ZnP) nanowires. <i>Nanotechnology</i> , <b>2021</b> , 32, 085704	3.4	6
8	Heterotwin ZnP superlattice nanowires: the role of indium insertion in the superlattice formation mechanism and their optical properties. <i>Nanoscale</i> , <b>2020</b> , 12, 22534-22540	7.7	3
7	The path towards 1 μm monocrystalline Zn <sub>3</sub> P <sub>2</sub> films on InP: substrate preparation, growth conditions and luminescence properties. <i>JPhys Energy</i> , <b>2021</b> , 3, 034011	4.9	3
6	The Advantage of Nanowire Configuration in Band Structure Determination. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2105426	15.6	2
5	Raman tensor of zinc-phosphide (ZnP): from polarization measurements to simulation of Raman spectra. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> ,	3.6	1
4	Rotated domains in selective area epitaxy grown ZnP: formation mechanism and functionality. <i>Nanoscale</i> , <b>2021</b> , 13, 18441-18450	7.7	1
3	Showcasing the optical properties of monocrystalline zinc phosphide thin films as an earth-abundant photovoltaic absorber.. <i>Materials Advances</i> , <b>2022</b> , 3, 1295-1303	3.3	0
2	Modeling the Shape Evolution of Selective Area Grown Zn <sub>3</sub> P <sub>2</sub> Nanoislands. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 4732-4737	3.5	0
1	The Advantage of Nanowire Configuration in Band Structure Determination (Adv. Funct. Mater. 41/2021). <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2170305	15.6	