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List of Publications by Year
in descending order

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20	175	1163117 8	1199594 12
papers	citations	h-index	g-index

21	21	21	228
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoscale Growth Initiation as a Pathway to Improve the Earth-Abundant Absorber Zinc Phosphide. ACS Applied Energy Materials, 2022, 5, 5298-5306.	5.1	3
2	Showcasing the optical properties of monocrystalline zinc phosphide thin films as an earth-abundant photovoltaic absorber. Materials Advances, 2022, 3, 1295-1303.	5.4	7
3	Ni₈₀Fe₂₀ nanotubes with optimized spintronic functionalities prepared by atomic layer deposition. Nanoscale, 2021, 13, 13451-13462.	5.6	9
4	Optical properties and carrier dynamics in Co-doped ZnO nanorods. Nanoscale Advances, 2021, 3, 214-222.	4.6	3
5	Towards defect-free thin films of the earth-abundant absorber zinc phosphide by nanopatterning. Nanoscale Advances, 2021, 3, 326-332.	4.6	13
6	van der Waals Epitaxy of Co_{10â€“x}Zn_{10â€“y}Mn_{x+y} Thin Films: Chemical Composition Engineering and Magnetic Properties. Journal of Physical Chemistry C, 2021, 125, 9391-9399.	3.1	1
7	The path towards 1 Âµm monocrystalline Zn₃P₂ films on InP: substrate preparation, growth conditions and luminescence properties. JPhys Energy, 2021, 3, 034011.	5.3	8
8	Modeling the Shape Evolution of Selective Area Grown Zn₃P₂ Nanoislands. Crystal Growth and Design, 2021, 21, 4732-4737.	3.0	1
9	The Advantage of Nanowire Configuration in Band Structure Determination. Advanced Functional Materials, 2021, 31, 2105426.	14.9	4
10	Raman spectroscopy and lattice dynamics calculations of tetragonally-structured single crystal zinc phosphide (Zn₃P₂) nanowires. Nanotechnology, 2021, 32, 085704.	2.6	10
11	The Advantage of Nanowire Configuration in Band Structure Determination (Adv. Funct. Mater.) Tj ETQq1 1 0.784314 rgBT /Overlock	14.9	0
12	Rotated domains in selective area epitaxy grown Zn₃P₂: formation mechanism and functionality. Nanoscale, 2021, 13, 18441-18450.	5.6	7
13	Multiple morphologies and functionality of nanowires made from earth-abundant zinc phosphide. Nanoscale Horizons, 2020, 5, 274-282.	8.0	15
14	Heterotwin Zn₃P₂superlattice nanowires: the role of indium insertion in the superlattice formation mechanism and their optical properties. Nanoscale, 2020, 12, 22534-22540.	5.6	7
15	Plasma-Enhanced Atomic Layer Deposition of Nickel Nanotubes with Low Resistivity and Coherent Magnetization Dynamics for 3D Spintronics. ACS Applied Materials & Interfaces, 2020, 12, 40443-40452.	8.0	14
16	Measuring the Optical Absorption of Single Nanowires. Physical Review Applied, 2020, 14, .	3.8	19
17	van der Waals Epitaxy of Earth-Abundant Zn₃P₂ on Graphene for Photovoltaics. Crystal Growth and Design, 2020, 20, 3816-3825.	3.0	24
18	Thermodynamic re-assessment of the Znâ€“P binary system. Materialia, 2019, 6, 100301.	2.7	13

#	Article	IF	Citations
19	Segregation scheme of indium in AlGaInAs nanowire shells. Physical Review Materials, 2019, 3, .	2.4	11
20	A Comparison of Explicitlyâ€terminated Diamond Electrodes Decorated with Gold Nanoparticles. Electroanalysis, 2016, 28, 88-95.	2.9	6