

Mykhailo Ya Valakh

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

169
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman Scattering Study of Cu_3SnS_4 Colloidal Nanocrystals. Journal of Physical Chemistry C, 2014, 118, 27554-27558. Electronic structure, optical properties, and lattice dynamics of orthorhombic	3.1	48
2	CdGeS_4 and $\text{Cu}_2\text{ZnSnS}_4$ Nanocrystals: Raman and X-ray Photoemission Identification of Colloidal Metal Sulfides as Potential Secondary Phases in Nanocrystalline $\text{Cu}_2\text{ZnSnS}_4$ Photovoltaic Absorbers. ACS Applied Nano Materials, 2020, 3, 5706-5717.	5.0	25
4	Phonon Spectra of Strongly Luminescent Nonstoichiometric AgIn_xS , CuIn_xS , and HgIn_xS Nanocrystals of Small Size. Journal of Physical Chemistry C, 2020, 124, 15511-15522.	3.1	17
5	Experimental Studies and Modeling of Starlike Plasmonic Nanostructures for SERS Application. Physica Status Solidi (B): Basic Research, 2019, 256, 1800280.	1.5	13
6	Raman and X-ray Photoelectron Spectroscopic Study of Aqueous Thiol-Capped Ag-Zn-Sn-S Nanocrystals. Materials, 2021, 14, 3593.	2.9	9
7	Direct Determination of 3D Distribution of Elemental Composition in Single Semiconductor Nanoislands by Scanning Auger Microscopy. Nanoscale Research Letters, 2016, 11, 103.	5.7	7
8	Experimental and theoretical study of Raman scattering spectra of ternary chalcogenides Tl_4HgI_6 , Tl_4HgBr_6 , and TlHgCl_3 . Journal of Raman Spectroscopy, 2018, 49, 1840-1848.	2.5	7
9	Raman Scattering Study of Mixed Quaternary $\text{Ag}_x\text{Ga}_x\text{Ge}_{1-x}\text{Se}_2$ (0.167 $\leq x \leq$ 0.333) Crystals. Physica Status Solidi (B): Basic Research, 2018, 255, 1700230.	1.5	5
10	Raman and Infrared Phonon Spectra of Novel Nonlinear Optical Materials $\text{PbGa}_2\text{GeS}_6$ and $\text{PbGa}_2\text{GeSe}_6$: Experiment and Theory. Physica Status Solidi (B): Basic Research, 2020, 257, 1900700.	1.5	3