

Yurii Romaniuk

List of Publications by Year in descending order

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11
papers

107
citations

1684188

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h-index

1372567

10
g-index

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all docs

11
docs citations

11
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of anharmonicity and interlayer interaction on Raman spectra in mono- and few-layer MoS ₂ : A computational study. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2022, 136, 114999.	2.7	9
2	Theoretical study of Raman scattering in MoS ₂ x Se ₂ (1- α) layered alloys. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 1193-1205.	2.5	2
3	Spectroscopy and Theoretical Modeling of Phonon Vibration Modes and Band Gap Energy of Cu ₂ ZnSn(S _x Se _{1-x}) ₄ Bulk Crystals and Thin Films. <i>ACS Omega</i> , 2021, 6, 29137-29148.	3.5	7
4	Resonant tunneling field emission of Si sponge-like structures. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	4
5	Absorption and Raman scattering by molecule adsorbed on crystal surface: Many particles approach. <i>Chemical Physics</i> , 2019, 519, 52-63.	1.9	1
6	Theoretical and Experimental Study of Phonon Spectra of Bulk and Nano-Sized MoS ₂ Layer Crystals. <i>Nanoscale Research Letters</i> , 2017, 12, 82.	5.7	5
7	Nature of some features in Raman spectra of hydroxyapatite-containing materials. <i>Journal of Raman Spectroscopy</i> , 2016, 47, 726-730.	2.5	38
8	Fermi resonance in the phonon spectra of quaternary chalcogenides of the type Cu ₂ ZnGeS ₄ . <i>Journal of Physics Condensed Matter</i> , 2016, 28, 065401.	1.8	27
9	Theoretical and experimental study of Raman scattering in mixed (MoS ₂) _x (MoSe ₂) _{1-x} layered crystals. <i>Semiconductor Physics, Quantum Electronics and Optoelectronics</i> , 2015, 18, 354-361.	1.0	4
10	Raman Scattering in Superlattices with Ge Quantum Dots. <i>Ukrainian Journal of Physics</i> , 2015, 60, 1224-1233.	0.2	0
11	Anharmonic interactions and temperature effects in Raman spectra of Si nanostructures. <i>Solid State Communications</i> , 2014, 195, 39-42.	1.9	10