

# Yurii Romaniuk

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

107  
citations

1684188

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h-index

1372567

10  
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11  
all docs

11  
docs citations

11  
times ranked

174  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nature of some features in Raman spectra of hydroxyapatite-containing materials. Journal of Raman Spectroscopy, 2016, 47, 726-730.	2.5	38
2	Fermi resonance in the phonon spectra of quaternary chalcogenides of the type $\text{Cu}_2\text{ZnGeS}_4$ . Journal of Physics Condensed Matter, 2016, 28, 065401.	1.8	27
3	Anharmonic interactions and temperature effects in Raman spectra of Si nanostructures. Solid State Communications, 2014, 195, 39-42.	1.9	10
4	Influence of anharmonicity and interlayer interaction on Raman spectra in mono- and few-layer MoS <sub>2</sub> : A computational study. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 136, 114999.	2.7	9
5	Spectroscopy and Theoretical Modeling of Phonon Vibration Modes and Band Gap Energy of $\text{Cu}_2\text{ZnSn}(\text{S}_x\text{Se}_{1-x})_4$ Bulk Crystals and Thin Films. ACS Omega, 2021, 6, 29137-29148.	3.5	7
6	Theoretical and Experimental Study of Phonon Spectra of Bulk and Nano-Sized MoS <sub>2</sub> Layer Crystals. Nanoscale Research Letters, 2017, 12, 82.	5.7	5
7	Resonant tunneling field emission of Si sponge-like structures. Journal of Applied Physics, 2020, 128, .	2.5	4
8	Theoretical and experimental study of Raman scattering in mixed $(\text{MoS}_2)_x(\text{MoSe}_2)_{1-x}$ layered crystals. Semiconductor Physics, Quantum Electronics and Optoelectronics, 2015, 18, 354-361.	1.0	4
9	Theoretical study of Raman scattering in $\text{MoS}_2 \times \text{Se}_2(1-x)$ layered alloys. Journal of Raman Spectroscopy, 2021, 52, 1193-1205.	2.5	2
10	Absorption and Raman scattering by molecule adsorbed on crystal surface: Many particles approach. Chemical Physics, 2019, 519, 52-63.	1.9	1
11	Raman Scattering in Superlattices with Ge Quantum Dots. Ukrainian Journal of Physics, 2015, 60, 1224-1233.	0.2	0