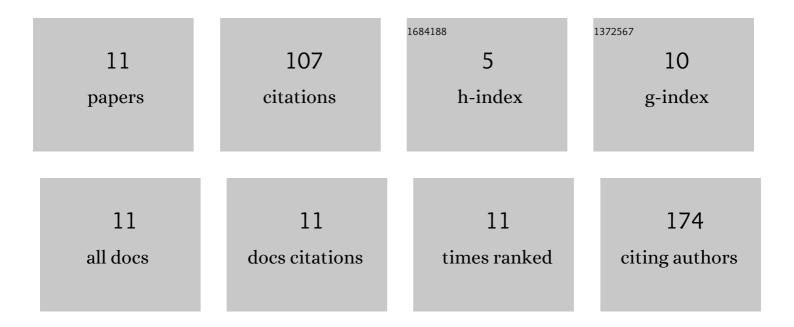
Yurii Romaniuk

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Influence of anharmonicity and interlayer interaction on Raman spectra in mono- and few-layer MoS2: A computational study. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 136, 114999.	2.7	9
2	Theoretical study of Raman scattering in MoS 2 x Se 2(1 â^'  x) layered alloys. Journal of Raman Spectroscopy, 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 _{<i>x</i>} Se _{1–<i>x</i>}) ₄ Bulk Crystals and Thin Films. ACS Omega, 2021, 6, 29137-29148.	3.5	7
4	Resonant tunneling field emission of Si sponge-like structures. Journal of Applied Physics, 2020, 128, .	2.5	4
5	Absorption and Raman scattering by molecule adsorbed on crystal surface: Many particles approach. Chemical Physics, 2019, 519, 52-63.	1.9	1
6	Theoretical and Experimental Study of Phonon Spectra of Bulk and Nano-Sized MoS2 Layer Crystals. Nanoscale Research Letters, 2017, 12, 82.	5.7	5
7	Nature of some features in Raman spectra of hydroxyapatite-containing materials. Journal of Raman Spectroscopy, 2016, 47, 726-730.	2.5	38
8	Fermi resonance in the phonon spectra of quaternary chalcogenides of the type Cu ₂ ZnGeS ₄ . Journal of Physics Condensed Matter, 2016, 28, 065401.	1.8	27
9	Theoretical and experimental study of Raman scattering in mixed (MoS2)x(MoSe2)1–x layered crystals. Semiconductor Physics, Quantum Electronics and Optoelectronics, 2015, 18, 354-361.	1.0	4
10	Raman Scattering in Superlattices with Ge Quantum Dots. Ukrainian Journal of Physics, 2015, 60, 1224-1233.	0.2	0
11	Anharmonic interactions and temperature effects in Raman spectra of Si nanostructures. Solid State	1.9	10