

# Yevhenii Vaskivskyi

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electronic Dislocation Dynamics in Metastable Wigner Crystal States. <i>Symmetry</i> , 2022, 14, 926.	2.2	2
2	Ultraefficient resistance switching between charge ordered phases in 1 <i>T</i> -TaS <sub>2</sub> with a single picosecond electrical pulse. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	2
3	A time-domain phase diagram of metastable states in a charge ordered quantum material. <i>Nature Communications</i> , 2021, 12, 2323.	12.8	20
4	Quantum billiards with correlated electrons confined in triangular transition metal dichalcogenide monolayer nanostructures. <i>Nature Communications</i> , 2021, 12, 3793.	12.8	8
5	Structural transformations in solid and liquid n-butanol from FTIR spectroscopy. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 697, 11-19.	0.9	6
6	Molecular Isomerization in n-Propanol Dimers. <i>Ukrainian Journal of Physics</i> , 2020, 65, 291.	0.2	4
7	1-Hexanol conformers in a nitrogen matrix: FTIR study and high-level ab initio calculations. <i>Journal of Molecular Liquids</i> , 2019, 278, 356-362.	4.9	10
8	NMR, Raman, and DFT Study of Lyotropic Chromonic Liquid Crystals of Biomedical Interest: Tautomeric Equilibrium and Slow Self-Assembling in Sunset Yellow Aqueous Solutions. <i>Journal of Physical Chemistry B</i> , 2018, 122, 3047-3055.	2.6	11
9	Comparison of Degrees of Potential-Energy-Surface Anharmonicity for Complexes and Clusters with Hydrogen Bonds. <i>Journal of Applied Spectroscopy</i> , 2018, 84, 929-938.	0.7	4
10	FTIR study of condensed water structure. <i>Journal of Molecular Structure</i> , 2018, 1167, 232-238.	3.6	33
11	Cluster structure changes during melting of 1-decanol: FTIR study and DFT calculations. <i>Journal of Molecular Liquids</i> , 2017, 247, 188-192.	4.9	8
12	Spectroscopic studies of clusterization of methanol molecules isolated in a nitrogen matrix. <i>Low Temperature Physics</i> , 2017, 43, 1415-1419.	0.6	6
13	Structural transformations in bulk and matrix-isolated methanol from measured and computed infrared spectroscopy. <i>Journal of Molecular Liquids</i> , 2016, 216, 53-58.	4.9	17
14	Temperature-Induced Evolution of a Cluster Structure in n-nonan-1-ol: Experimental Study and Quantum-Chemistry Calculations. <i>Ukrainian Journal of Physics</i> , 2016, 61, 478-481.	0.2	4