

# Yevhenii Vaskivskyi

## List of Publications by Year in descending order

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docs citations

15  
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132  
citing authors

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