

# Yaroslav A Gerasimenko

## List of Publications by Year in descending order

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9  
papers

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citations

1478505

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docs citations

9  
times ranked

271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic Dislocation Dynamics in Metastable Wigner Crystal States. <i>Symmetry</i> , 2022, 14, 926.	2.2	2
2	A time-domain phase diagram of metastable states in a charge ordered quantum material. <i>Nature Communications</i> , 2021, 12, 2323.	12.8	20
3	Quantum billiards with correlated electrons confined in triangular transition metal dichalcogenide monolayer nanostructures. <i>Nature Communications</i> , 2021, 12, 3793.	12.8	8
4	Quantum jamming transition to a correlated electron glass in 1T-TaS <sub>2</sub> . <i>Nature Materials</i> , 2019, 18, 1078-1083.	27.5	45
5	Configurational electronic states in layered transition metal dichalcogenides. <i>New Journal of Physics</i> , 2019, 21, 083001.	2.9	12
6	Mottness collapse without metallization in the domain wall of the triangular-lattice Mott insulator $1 < T \hat{a}^{\prime} < T_{\text{Mott}}$ . <i>Physical Review Letters</i> , 2019, 122, 036802.	7.8	30
7	Intertwined chiral charge orders and topological stabilization of the light-induced state of a prototypical transition metal dichalcogenide. <i>Npj Quantum Materials</i> , 2019, 4, .	5.2	51
8	Strain-Induced Metastable Topological Networks in Laser-Fabricated TaS <sub>2</sub> Polytype Heterostructures for Nanoscale Devices. <i>ACS Applied Nano Materials</i> , 2019, 2, 3743-3751.	5.0	12
9	Theoretical Modeling of the Non-equilibrium Amorphous State in 1T-TaS <sub>2</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , 2019, 32, 3057-3063.	1.8	2