

# Alexander Kruchkov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9024738/publications.pdf>

Version: 2024-02-01

16  
papers

1,138  
citations

758635

12  
h-index

940134

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1254  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum geometry, flat Chern bands, and Wannier orbital quantization. Physical Review B, 2022, 105, .	1.1	7
2	Thermoelectric power of Sachdev-Ye-Kitaev islands: Probing Bekenstein-Hawking entropy in quantum matter experiments. Physical Review B, 2020, 101, .	1.1	23
3	Ultraheavy and Ultrarelativistic Dirac Quasiparticles in Sandwiched Graphenes. Nano Letters, 2020, 20, 3030-3038.	4.5	80
4	Moiré Flat Bands in Twisted Double Bilayer Graphene. Nano Letters, 2020, 20, 2410-2415.	4.5	107
5	Magic angle hierarchy in twisted graphene multilayers. Physical Review B, 2019, 100, .	1.1	156
6	Origin of Magic Angles in Twisted Bilayer Graphene. Physical Review Letters, 2019, 122, 106405.	2.9	464
7	Laser-Induced Skyrmion Writing and Erasing in an Ultrafast Cryo-Lorentz Transmission Electron Microscope. Physical Review Letters, 2018, 120, 117201.	2.9	115
8	Electric-Field-Driven Topological Phase Switching and Skyrmion-Lattice Metastability in Magnetolectric $\text{Cu}_2\text{OSeO}_3$ . Physical Review Applied, 2018, 10, .	1.5	25
9	In Situ Electric Field Skyrmion Creation in Magnetolectric $\text{Cu}_2\text{OSeO}_3$ . Nano Letters, 2018, 18, 5167-5171.	4.5	43
10	Direct electric field control of the skyrmion phase in a magnetolectric insulator. Scientific Reports, 2018, 8, 10466.	1.6	30
11	Reflections on the 66th Lindau Nobel Laureate Meeting. Condensed Matter, 2016, 1, 13.	0.8	1
12	Dramatic pressure-driven enhancement of bulk skyrmion stability. Scientific Reports, 2016, 6, 21347.	1.6	34
13	One-dimensional Bose-Einstein condensation of photons in a microtube. Physical Review A, 2016, 93, .	1.0	12
14	Bose-Einstein condensation of light in a cavity. Physical Review A, 2014, 89, .	1.0	22
15	Bose-Einstein condensation of photons in an ideal atomic gas. Physical Review A, 2013, 88, .	1.0	17
16	Mechanism of collisionless sound damping in dilute Bose gas with condensate. Condensed Matter Physics, 2013, 16, 23004.	0.3	2