

# Arkady A Kurnosov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2771313/publications.pdf>

Version: 2024-02-01

12  
papers

183  
citations

1307594

7  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ballistic Energy Transport in Oligomers. <i>Accounts of Chemical Research</i> , 2015, 48, 2547-2555.	15.6	45
2	Band-Selective Ballistic Energy Transport in Alkane Oligomers: Toward Controlling the Transport Speed. <i>Journal of Physical Chemistry B</i> , 2015, 119, 6448-6456.	2.6	34
3	Nanoconstructions based on double-stranded nucleic acids. <i>International Journal of Biological Macromolecules</i> , 2005, 36, 103-115.	7.5	26
4	Temperature Dependence of the Ballistic Energy Transport in Perfluoroalkanes. <i>Journal of Physical Chemistry B</i> , 2014, 118, 8381-8387.	2.6	21
5	Communication: Fast transport and relaxation of vibrational energy in polymer chains. <i>Journal of Chemical Physics</i> , 2015, 142, 011101.	3.0	20
6	Energy Transport in PEG Oligomers: Contributions of Different Optical Bands. <i>Journal of Physical Chemistry C</i> , 2016, 120, 26663-26677.	3.1	18
7	Temperature dependence for the rate of hole transfer in DNA: Nonadiabatic regime. <i>Chemical Physics</i> , 2012, 393, 13-18.	1.9	10
8	Fluctuator Model of Memory Dip in Hopping Insulators. <i>Journal of Low Temperature Physics</i> , 2012, 167, 318-328.	1.4	3
9	Electronic torsional sound in linear atomic chains: Chemical energy transport at 1000 km/s. <i>Journal of Chemical Physics</i> , 2016, 145, 034903.	3.0	3
10	Temperature-driven narrowing of the insulating gap as a precursor of the insulator-to-metal transition: Implications for the electronic structure of solids. <i>Journal of Chemical Physics</i> , 2019, 150, 244502.	3.0	3
11	A variational approach to the reconstruction of galactic peculiar velocities. <i>Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta, Fizika)</i> , 2007, 62, 147-150.	0.4	0
12	10.1063/1.4905076.1., 2015,,.		0