

Natalia I Rubtsova

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3933983/publications.pdf>

Version: 2024-02-01

10
papers

280
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

193
citing authors

#	ARTICLE	IF	CITATIONS
1	Vibrational Energy Transport in Molecules Studied by Relaxation-Assisted Two-Dimensional Infrared Spectroscopy. <i>Annual Review of Physical Chemistry</i> , 2015, 66, 717-738.	10.8	69
2	Ballistic Energy Transport in Oligomers. <i>Accounts of Chemical Research</i> , 2015, 48, 2547-2555.	15.6	45
3	Fully automated dual-frequency three-pulse-echo 2DIR spectrometer accessing spectral range from 800 to 4000 wavenumbers. <i>Review of Scientific Instruments</i> , 2014, 85, 083109.	1.3	37
4	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
5	Ballistic energy transport via perfluoroalkane linkers. <i>Chemical Physics</i> , 2013, 422, 16-21.	1.9	25
6	Room-temperature ballistic energy transport in molecules with repeating units. <i>Journal of Chemical Physics</i> , 2015, 142, 212412.	3.0	25
7	Temperature Dependence of the Ballistic Energy Transport in Perfluoroalkanes. <i>Journal of Physical Chemistry B</i> , 2014, 118, 8381-8387.	2.6	21
8	NIR Fluorescent Imaging and Photodynamic Therapy with a Novel Theranostic Phospholipid Probe for Triple-Negative Breast Cancer Cells. <i>Bioconjugate Chemistry</i> , 2021, 32, 1852-1863.	3.6	14
9	Nonprotecting Group Synthesis of a Phospholipase C Activatable Probe with an Azo-Free Quencher. <i>ACS Omega</i> , 2018, 3, 6867-6873.	3.5	5
10	Low-Temperature Vibrational Energy Transport via PEG Chains. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4578-4583.	4.6	5