

# Zhiwei Lin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10381842/publications.pdf>

Version: 2024-02-01

10  
papers

297  
citations

1162367

8  
h-index

1372195

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

312  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulating Unimolecular Charge Transfer by Exciting Bridge Vibrations. <i>Journal of the American Chemical Society</i> , 2009, 131, 18060-18062.	6.6	97
2	Constant-speed vibrational signaling along polyethyleneglycol chain up to 60-Å distance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1413-1418.	3.3	53
3	Energy transport via coordination bonds. <i>Journal of Chemical Physics</i> , 2009, 131, 154508.	1.2	41
4	A Method for Determining Small Anharmonicity Values from 2DIR Spectra Using Thermally Induced Shifts of Frequencies of High-Frequency Modes. <i>Journal of Physical Chemistry B</i> , 2011, 115, 5347-5353.	1.2	31
5	Ballistic energy transport along PEG chains: distance dependence of the transport efficiency. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 10445.	1.3	26
6	Energy Transport in PEG Oligomers: Contributions of Different Optical Bands. <i>Journal of Physical Chemistry C</i> , 2016, 120, 26663-26677.	1.5	18
7	How can infra-red excitation both accelerate and slow charge transfer in the same molecule?. <i>Chemical Science</i> , 2018, 9, 6395-6405.	3.7	15
8	Discrimination between coupling networks of glucopyranosides varying at a single stereocenter using two-dimensional vibrational correlation spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 6179.	1.3	10
9	Ballistic energy transport in PEG oligomers. <i>EPJ Web of Conferences</i> , 2013, 41, 05039.	0.1	3
10	How Intramolecular Vibrational Energy Transport Changes with Rigidity and Polarity of the Environment?. <i>High Energy Chemistry</i> , 2020, 54, 427-435.	0.2	3