

Zhiwei Lin

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

297
citations

1163117
8
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1372567
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. Journal of the American Chemical Society, 2009, 131, 18060-18062.	13.7	97
2	Constant-speed vibrational signaling along polyethyleneglycol chain up to 60-Å distance. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1413-1418.	7.1	53
3	Energy transport via coordination bonds. Journal of Chemical Physics, 2009, 131, 154508.	3.0	41
4	A Method for Determining Small Anharmonicity Values from 2DIR Spectra Using Thermally Induced Shifts of Frequencies of High-Frequency Modes. Journal of Physical Chemistry B, 2011, 115, 5347-5353.	2.6	31
5	Ballistic energy transport along PEG chains: distance dependence of the transport efficiency. Physical Chemistry Chemical Physics, 2012, 14, 10445.	2.8	26
6	Energy Transport in PEG Oligomers: Contributions of Different Optical Bands. Journal of Physical Chemistry C, 2016, 120, 26663-26677.	3.1	18
7	How can infra-red excitation both accelerate and slow charge transfer in the same molecule?. Chemical Science, 2018, 9, 6395-6405.	7.4	15
8	Discrimination between coupling networks of glucopyranosides varying at a single stereocenter using two-dimensional vibrational correlation spectroscopy. Physical Chemistry Chemical Physics, 2012, 14, 6179.	2.8	10
9	Ballistic energy transport in PEG oligomers. EPJ Web of Conferences, 2013, 41, 05039.	0.3	3
10	How Intramolecular Vibrational Energy Transport Changes with Rigidity and Polarity of the Environment?. High Energy Chemistry, 2020, 54, 427-435.	0.9	3