Yingliang Liu

List of Publications by Year
in descending order

10 papers	184 citations	1478505 6 h-index	1588992 8 g-index
10 all docs	10 docs citations	10 times ranked	266 citing authors

#	Article	IF	Citations
1	QM calculations predict the energetics and infrared spectra of transient glutamine isomers in LOV photoreceptors. Physical Chemistry Chemical Physics, 2021, 23, 13934-13950.	2.8	7
2	Site-Specific Photoinduced Dynamics of the LOV Protein EL222 Monitored by Multiple Genetically Encoded Infrared Probes. Biophysical Journal, 2021, 120, 124a.	0.5	0
3	Time-Resolved Femtosecond Stimulated Raman Spectra and DFT Anharmonic Vibrational Analysis of an Electronically Excited Rhenium Photosensitizer. Journal of Physical Chemistry A, 2020, 124, 1253-1265.	2.5	13
4	Femtosecond-to-nanosecond dynamics of flavin mononucleotide monitored by stimulated Raman spectroscopy and simulations. Physical Chemistry Chemical Physics, 2020, 22, 6538-6552.	2.8	22
5	Molecular couplings and energy exchange between DNA and water mapped by femtosecond infrared spectroscopy of backbone vibrations. Structural Dynamics, 2017, 4, 044015.	2.3	11
6	Ultrafast vibrational dynamics of the DNA backbone at different hydration levels mapped by two-dimensional infrared spectroscopy. Structural Dynamics, 2016, 3, 043202.	2.3	35
7	Range, Magnitude, and Ultrafast Dynamics of Electric Fields at the Hydrated DNA Surface. Journal of Physical Chemistry Letters, 2016, 7, 3131-3136.	4.6	40
8	Hydration of Native DNA: Ultrafast Structural Dynamics and Short-Range Electric Fields. , 2016, , .		0
9	Anharmonic Backbone Vibrations in Ultrafast Processes at the DNAâ€“Water Interface. Journal of Physical Chemistry B, 2015, 119, 9670-9677.	2.6	55
10	Ultrafast Vibrational Relaxation Dynamics of C=O and C=C Stretching Modes of Ethyl Acetoacetate in Deuterated Water and Cyclohexane. Acta Chimica Sinica, 2013, 71, 761.	1.4	1