

# Yingliang Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4353956/publications.pdf>

Version: 2024-02-01

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