

# I-Ren Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/313633/publications.pdf>

Version: 2024-02-01

15  
papers

543  
citations

840776

11  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

711  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrons in Finite-Sized Water Cavities: Hydration Dynamics Observed in Real Time. <i>Science</i> , 2004, 306, 672-675.	12.6	205
2	Primary steps of the photoactive yellow protein: Isolated chromophore dynamics and protein directed function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 258-262.	7.1	74
3	Ultrafast dynamics of gas-phase excited-state intramolecular proton transfer in 1-hydroxy-2-acetonaphthone. <i>Chemical Physics Letters</i> , 1999, 310, 103-110.	2.6	48
4	Parity-dependent hairpin configurations of repetitive DNA sequence promote slippage associated with DNA expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9535-9540.	7.1	31
5	Dynamics of Electrons in Ammonia Cages: The Discovery System of Solvation. <i>ChemPhysChem</i> , 2008, 9, 83-88.	2.1	30
6	Direct Structural Determination of Conformations of Photoswitchable Molecules by Laser Desorption-Electron Diffraction. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6524-6527.	13.8	22
7	Mononuclear Manganese(III) Superoxo Complexes: Synthesis, Characterization, and Reactivity. <i>Inorganic Chemistry</i> , 2019, 58, 9756-9765.	4.0	21
8	A Direct Observation of Non-RRKM Behavior in Femtosecond Photophysically Activated Reactions. <i>Journal of Physical Chemistry A</i> , 2000, 104, 10595-10599.	2.5	20
9	Determination of Gold Ions in Human Urine Using Genetically Engineered Microorganisms on a Paper Device. <i>ACS Sensors</i> , 2018, 3, 744-748.	7.8	20
10	The Transition State of Thermal Organic Reactions: Direct Observation in Real Time. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2830-2834.	13.8	15
11	Long-Range Hairpin Slippage Reconfiguration Dynamics in Trinucleotide Repeat Sequences. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 3985-3990.	4.6	15
12	Femtosecond probing of photodissociation dynamics in acyl cyanides. <i>Journal of Chemical Physics</i> , 2001, 115, 10656-10670.	3.0	13
13	Direct Observation of the Primary Bond-Twisting Dynamics of Stilbene Anion Radical. <i>Journal of the American Chemical Society</i> , 2008, 130, 6708-6709.	13.7	11
14	Structural Dynamics of Free Amino Acids in Diffraction. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 99-102.	13.8	4
15	Gas-phase femtosecond transient absorption spectroscopy. <i>Review of Scientific Instruments</i> , 2006, 77, 076105.	1.3	2