

Chanelle C Jumper

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

630
citations

759233

12
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

900
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 requires cholesterol for viral entry and pathological syncytia formation. <i>ELife</i> , 2021, 10, .	6.0	160
2	Vibronic and excitonic dynamics in perylenediimide dimers and tetramer. <i>Journal of Chemical Physics</i> , 2020, 153, 224101.	3.0	4
3	Consistent Model of Ultrafast Energy Transfer in Peridinin Chlorophyll- <i>a</i> Protein Using Two-Dimensional Electronic Spectroscopy and Förster Theory. <i>Journal of Physical Chemistry B</i> , 2019, 123, 6410-6420.	2.6	7
4	Vibronic Wavepackets and Energy Transfer in Cryptophyte Light-Harvesting Complexes. <i>Journal of Physical Chemistry B</i> , 2018, 122, 6328-6340.	2.6	19
5	From coherent to vibronic light harvesting in photosynthesis. <i>Current Opinion in Chemical Biology</i> , 2018, 47, 39-46.	6.1	40
6	Ultrafast transient absorption revisited: Phase-flips, spectral fingers, and other dynamical features. <i>Journal of Chemical Physics</i> , 2016, 144, 175102.	3.0	49
7	Estimation of damped oscillation associated spectra from ultrafast transient absorption spectra. <i>Journal of Chemical Physics</i> , 2016, 145, 174201.	3.0	18
8	Broad-Band Pump-Probe Spectroscopy Quantifies Ultrafast Solvation Dynamics of Proteins and Molecules. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4722-4731.	4.6	49
9	Spectroscopic Studies of Cryptophyte Light Harvesting Proteins: Vibrations and Coherent Oscillations. <i>Journal of Physical Chemistry B</i> , 2015, 119, 10025-10034.	2.6	50
10	Broadband Transient Absorption and Two-Dimensional Electronic Spectroscopy of Methylene Blue. <i>Journal of Physical Chemistry A</i> , 2015, 119, 9098-9108.	2.5	55
11	Intramolecular radiationless transitions dominate exciton relaxation dynamics. <i>Chemical Physics Letters</i> , 2014, 599, 23-33.	2.6	38
12	Life's Warm, wet and noisy?. <i>Physics of Life Reviews</i> , 2014, 11, 85-86.	2.8	12
13	High-Resolution Mapping of Carbene-Based Protein Footprints. <i>Analytical Chemistry</i> , 2012, 84, 4411-4418.	6.5	57
14	Mass Spectrometry of Laser-Initiated Carbene Reactions for Protein Topographic Analysis. <i>Analytical Chemistry</i> , 2011, 83, 2913-2920.	6.5	56
15	Proteomics by mass spectrometry: Go big or go home?. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 832-841.	2.8	12