

Lauren E Buchanan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1670241/publications.pdf>

Version: 2024-02-01

13
papers

840
citations

1040056

9
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

1223
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the effects of N-terminal acetylation on KFE8 self-assembly with 2D IR spectroscopy. <i>Biophysical Journal</i> , 2022, 121, 1549-1559.	0.5	6
2	Structural Polymorphs Suggest Competing Pathways for the Formation of Amyloid Fibrils That Diverge from a Common Intermediate Species. <i>Biochemistry</i> , 2018, 57, 6470-6478.	2.5	23
3	Two-Dimensional Infrared (2D IR) Spectroscopy. , 2018, , 164-183.		7
4	Studying Stimulated Raman Activity in Surface-Enhanced Femtosecond Stimulated Raman Spectroscopy by Varying the Excitation Wavelength. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3328-3333.	4.6	10
5	Surface-Enhanced Femtosecond Stimulated Raman Spectroscopy at 1 MHz Repetition Rates. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4629-4634.	4.6	19
6	Structural motif of polyglutamine amyloid fibrils discerned with mixed-isotope infrared spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5796-5801.	7.1	105
7	Insights into amylin aggregation by 2D IR spectroscopy. <i>Biomedical Spectroscopy and Imaging</i> , 2014, 3, 189-196.	1.2	0
8	Structure and Dynamics of Urea/Water Mixtures Investigated by Vibrational Spectroscopy and Molecular Dynamics Simulation. <i>Journal of Physical Chemistry B</i> , 2013, 117, 13291-13300.	2.6	83
9	Mechanism of IAPP amyloid fibril formation involves an intermediate with a transient β^2 -sheet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19285-19290.	7.1	224
10	Two-dimensional IR spectroscopy and segmental ^{13}C labeling reveals the domain structure of human ^{13}D -crystallin amyloid fibrils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3329-3334.	7.1	126
11	Deamidation Accelerates Amyloid Formation and Alters Amylin Fiber Structure. <i>Journal of the American Chemical Society</i> , 2012, 134, 12658-12667.	13.7	88
12	Utilizing Lifetimes to Suppress Random Coil Features in 2D IR Spectra of Peptides. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 2357-2361.	4.6	34
13	Stable and Metastable States of Human Amylin in Solution. <i>Biophysical Journal</i> , 2010, 99, 2208-2216.	0.5	107