

Huong Q Tran

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1456201/publications.pdf>

Version: 2024-02-01

14
papers

1,640
citations

840776

11
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

4110
citing authors

#	ARTICLE	IF	CITATIONS
1	Fragment binding to the Nsp3 macrodomain of SARS-CoV-2 identified through crystallographic screening and computational docking. <i>Science Advances</i> , 2021, 7, .	10.3	100
2	Constructing ion channels from water-soluble α -helical barrels. <i>Nature Chemistry</i> , 2021, 13, 643-650.	13.6	59
3	Spiers Memorial Lecture: Analysis and <i>de novo</i> design of membrane-interactive peptides. <i>Faraday Discussions</i> , 2021, 232, 9-48.	3.2	3
4	Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. <i>Science</i> , 2020, 370, .	12.6	508
5	An ultrapotent synthetic nanobody neutralizes SARS-CoV-2 by stabilizing inactive Spike. <i>Science</i> , 2020, 370, 1473-1479.	12.6	336
6	Glutamine Side Chain ^{13}C - ^{18}O as a Nonperturbative IR Probe of Amyloid Fibril Hydration and Assembly. <i>Journal of the American Chemical Society</i> , 2019, 141, 7320-7326.	13.7	13
7	Synthesis and application of the blue fluorescent amino acid L-4-cyanotryptophan to assess peptide-membrane interactions. <i>Chemical Communications</i> , 2019, 55, 5095-5098.	4.1	20
8	Two-dimensional infrared (2D IR) spectroscopy for elucidating ion occupancies in the selectivity filter of ion channels. <i>Biomedical Spectroscopy and Imaging</i> , 2018, 7, 3-15.	1.2	0
9	Designed peptides that assemble into cross- β amyloid-like structures. <i>Nature Chemical Biology</i> , 2018, 14, 870-875.	8.0	62
10	Solvent-Independent Anharmonicity for Carbonyl Oscillators. <i>Journal of Physical Chemistry B</i> , 2017, 121, 2331-2338.	2.6	36
11	Probing the Effects of Gating on the Ion Occupancy of the K^+ Channel Selectivity Filter Using Two-Dimensional Infrared Spectroscopy. <i>Journal of the American Chemical Society</i> , 2017, 139, 8837-8845.	13.7	30
12	Instantaneous ion configurations in the K^+ ion channel selectivity filter revealed by 2D IR spectroscopy. <i>Science</i> , 2016, 353, 1040-1044.	12.6	174
13	Counting tagged molecules one by one: Quantitative photoactivation and bleaching of photoactivatable fluorophores. <i>Journal of Chemical Physics</i> , 2015, 143, 104201.	3.0	1
14	Mechanism of IAPP amyloid fibril formation involves an intermediate with a transient β -sheet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19285-19290.	7.1	224