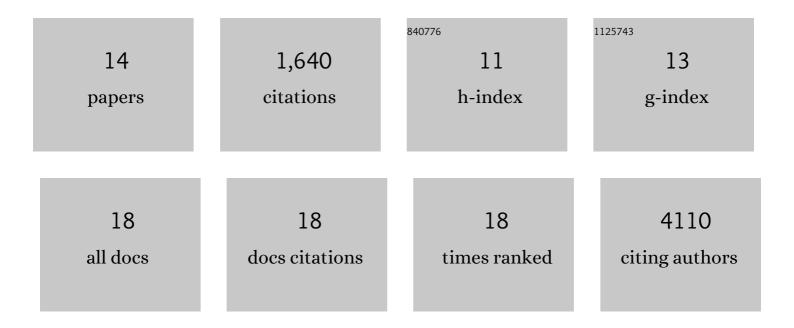
Huong Q Tran

List of Publications by Year in descending order

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ΗΠΟΝΟ Ο ΤΡΑΝ

#	Article	IF	CITATIONS
1	Fragment binding to the Nsp3 macrodomain of SARS-CoV-2 identified through crystallographic screening and computational docking. Science Advances, 2021, 7, .	10.3	100
2	Constructing ion channels from water-soluble $\hat{I}\pm$ -helical barrels. Nature Chemistry, 2021, 13, 643-650.	13.6	59
3	Spiers Memorial Lecture: Analysis and <i>de novo</i> design of membrane-interactive peptides. Faraday Discussions, 2021, 232, 9-48.	3.2	3
4	Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. Science, 2020, 370, .	12.6	508
5	An ultrapotent synthetic nanobody neutralizes SARS-CoV-2 by stabilizing inactive Spike. Science, 2020, 370, 1473-1479.	12.6	336
6	Glutamine Side Chain 13Câ•18O as a Nonperturbative IR Probe of Amyloid Fibril Hydration and Assembly. Journal of the American Chemical Society, 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. Chemical Communications, 2019, 55, 5095-5098.	4.1	20
8	Two-dimensional infrared (2D IR) spectroscopy for elucidating ion occupancies in the selectivity filter of ion channels1. Biomedical Spectroscopy and Imaging, 2018, 7, 3-15.	1.2	0
9	Designed peptides that assemble into cross-α amyloid-like structures. Nature Chemical Biology, 2018, 14, 870-875.	8.0	62
10	Solvent-Independent Anharmonicity for Carbonyl Oscillators. Journal of Physical Chemistry B, 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. Journal of the American Chemical Society, 2017, 139, 8837-8845.	13.7	30
12	Instantaneous ion configurations in the K ⁺ ion channel selectivity filter revealed by 2D IR spectroscopy. Science, 2016, 353, 1040-1044.	12.6	174
13	Counting tagged molecules one by one: Quantitative photoactivation and bleaching of photoactivatable fluorophores. Journal of Chemical Physics, 2015, 143, 104201.	3.0	1
14	Mechanism of IAPP amyloid fibril formation involves an intermediate with a transient β-sheet. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19285-19290.	7.1	224