Jarek Juraszek

List of Publications by Year
in descending order

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22 papers	1,703 citations	471509 17 h-index	677142 22 g-index
26 all docs	26 docs citations	26 times ranked	2793 citing authors

#	Article	IF	Citations
1	Universal stabilization of the influenza hemagglutinin by structure-based redesign of the pH switch regions. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	7
2	Stabilizing the closed SARS-CoV-2 spike trimer. Nature Communications, 2021, 12, 244.	12.8	139
3	Structure-Based Design of Prefusion-Stabilized Filovirus Glycoprotein Trimers. Cell Reports, 2020, 30, 4540-4550.e3.	6.4	46
4	Epitope mapping of diverse influenza Hemagglutinin drug candidates using HDX-MS. Scientific Reports, 2019, 9, 4735.	3.3	33
5	A small-molecule fusion inhibitor of influenza virus is orally active in mice. Science, 2019, 363, .	12.6	98
6	Enhancement of therapeutic potential of a naturally occurring human antibody targeting a phosphorylated Ser422 containing epitope on pathological tau. Acta Neuropathologica Communications, 2018, 6, 59.	5.2	13
7	A common antigenic motif recognized by naturally occurring human VH5â€“51/VL4â€“1 anti-tau antibodies with distinct functionalities. Acta Neuropathologica Communications, 2018, 6, 43.	5.2	15
8	Potent peptidic fusion inhibitors of influenza virus. Science, 2017, 358, 496-502.	12.6	135
9	Universal influenza vaccine design: directing the antibody repertoire. Future Virology, 2016, 11, 451-467.	1.8	2
10	Relating influenza virus membrane fusion kinetics to stoichiometry of neutralizing antibodies at the single-particle level. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5143-8.	7.1	57
11	A common solution to group 2 influenza virus neutralization. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 445-450.	7.1	187
12	Molecular Mechanism of SSR128129E, an Extracellularly Acting, Small-Molecule, Allosteric Inhibitor of FGF Receptor Signaling. Cancer Cell, 2013, 23, 489-501.	16.8	125
13	Mechanisms of Hemagglutinin Targeted Influenza Virus Neutralization. PLoS ONE, 2013, 8, e80034.	2.5	138
14	Transition path sampling of protein conformational changes. Chemical Physics, 2012, 396, 30-44.	1.9	30
15	Nonlinear reaction coordinate analysis in the reweighted path ensemble. Journal of Chemical Physics, 2010, 133, 174110.	3.0	55
16	Predicting the reaction coordinates of millisecond light-induced conformational changes in photoactive yellow protein. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2397-2402.	7.1	83
17	The reweighted path ensemble. Journal of Chemical Physics, 2010, 133, 174109.	3.0	49
18	(Un)Folding Mechanisms of the FBP28 WW Domain in Explicit Solvent Revealed by Multiple Rare Event Simulation Methods. Biophysical Journal, 2010, 98, 646-656.	0.5	15

#	Article	IF	Citations
19	Free-Energy-Based Methods for Binding Profile Determination in a Congeneric Series of CDK2 Inhibitors. Journal of Physical Chemistry B, 2010, 114, 9516-9524.	2.6	48
20	Effects of a Mutation on the Folding Mechanism of a Î²-Hairpin. Journal of Physical Chemistry B, 2009, 113, 16184-16196.	2.6	28
21	Rate Constant and Reaction Coordinate of Trp-Cage Folding in Explicit Water. Biophysical Journal, 2008, 95, 4246-4257.	0.5	130
22	Sampling the multiple folding mechanisms of Trp-cage in explicit solvent. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15859-15864.	7.1	228