

Michael W Clarkson

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,281
citations

686830

13
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

1894
citing authors

#	ARTICLE	IF	CITATIONS
1	Hidden alternative structures of proline isomerase essential for catalysis. <i>Nature</i> , 2009, 462, 669-673.	13.7	447
2	Antiparallel EmrE exports drugs by exchanging between asymmetric structures. <i>Nature</i> , 2012, 481, 45-50.	13.7	188
3	Dynamic Coupling and Allosteric Behavior in a Nonallosteric Protein. <i>Biochemistry</i> , 2006, 45, 7693-7699.	1.2	130
4	Transient Non-native Hydrogen Bonds Promote Activation of a Signaling Protein. <i>Cell</i> , 2009, 139, 1109-1118.	13.5	104
5	Rescue of conformational dynamics in enzyme catalysis by directed evolution. <i>Nature Communications</i> , 2018, 9, 1314.	5.8	97
6	Long-Range Dynamic Effects of Point Mutations Propagate through Side Chains in the Serine Protease Inhibitor Eglin. <i>Biochemistry</i> , 2004, 43, 12448-12458.	1.2	81
7	Dynamic activation and regulation of the mitogen-activated protein kinase p38. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4655-4660.	3.3	52
8	Selected Contribution: HSP20 phosphorylation in nitroglycerin- and forskolin-induced sustained reductions in swine carotid media tone. <i>Journal of Applied Physiology</i> , 2001, 91, 1460-1466.	1.2	50
9	Mesodynamics in the SARS nucleocapsid measured by NMR field cycling. <i>Journal of Biomolecular NMR</i> , 2009, 45, 217-225.	1.6	32
10	Evidence Against the "T Coupling" Mechanism of Activation in the Response Regulator NtrC. <i>Journal of Molecular Biology</i> , 2014, 426, 1554-1567.	2.0	27
11	Dissecting the Microscopic Steps of the Cyclophilin A Enzymatic Cycle on the Biological HIV-1 Capsid Substrate by NMR. <i>Journal of Molecular Biology</i> , 2010, 403, 723-738.	2.0	25
12	Cooperative dynamics across distinct structural elements regulate PTP1B activity. <i>Journal of Biological Chemistry</i> , 2020, 295, 13829-13837.	1.6	16
13	Structural Dynamics of the Activation of Elongation Factor 2 Kinase by Ca ²⁺ -Calmodulin. <i>Journal of Molecular Biology</i> , 2018, 430, 2802-2821.	2.0	15
14	NMR Based SARS-CoV-2 Antibody Screening. <i>Journal of the American Chemical Society</i> , 2021, 143, 7930-7934.	6.6	10
15	Retinoic Acid Binding Leads to CRABP2 Rigidification and Dimerization. <i>Biochemistry</i> , 2019, 58, 4183-4194.	1.2	7