

Kathryn M Hart

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

666
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

933
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural and Synthetic Suppressor Mutations Defy Stability-Activity Tradeoffs. <i>Biochemistry</i> , 2022, 61, 398-407.	2.5	2
2	Cooperative Changes in Solvent Exposure Identify Cryptic Pockets, Switches, and Allosteric Coupling. <i>Biophysical Journal</i> , 2019, 116, 818-830.	0.5	42
3	Prediction of New Stabilizing Mutations Based on Mechanistic Insights from Markov State Models. <i>ACS Central Science</i> , 2017, 3, 1311-1321.	11.3	55
4	Designing small molecules to target cryptic pockets yields both positive and negative allosteric modulators. <i>PLoS ONE</i> , 2017, 12, e0178678.	2.5	53
5	Modelling proteins' hidden conformations to predict antibiotic resistance. <i>Nature Communications</i> , 2016, 7, 12965.	12.8	113
6	Evolutionary trend toward kinetic stability in the folding trajectory of RNases H. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13045-13050.	7.1	37
7	Tabtoxinine- β -lactam is a "stealth"- β -lactam antibiotic that evades β -lactamase-mediated antibiotic resistance. <i>MedChemComm</i> , 2016, 7, 118-127.	3.4	14
8	Discovery of multiple hidden allosteric sites by combining Markov state models and experiments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2734-2739.	7.1	183
9	Thermodynamic System Drift in Protein Evolution. <i>PLoS Biology</i> , 2014, 12, e1001994.	5.6	78
10	Cleavable Hydrophilic Linker for One-Bead-One-Compound Sequencing of Oligomer Libraries by Tandem Mass Spectrometry. <i>ACS Combinatorial Science</i> , 2006, 8, 417-426.	3.3	85