

Kyle Trainor

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

269
citations

1307594
7
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

467
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational tools help improve protein stability but with a solubility tradeoff. <i>Journal of Biological Chemistry</i> , 2017, 292, 14349-14361.	3.4	88
2	Exploring the relationships between protein sequence, structure and solubility. <i>Current Opinion in Structural Biology</i> , 2017, 42, 136-146.	5.7	56
3	Designed protein reveals structural determinants of extreme kinetic stability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14605-14610.	7.1	33
4	Computational Modeling of Protein Stability: Quantitative Analysis Reveals Solutions to Pervasive Problems. <i>Structure</i> , 2020, 28, 717-726.e3.	3.3	33
5	Temperature dependence of NMR chemical shifts: Tracking and statistical analysis. <i>Protein Science</i> , 2020, 29, 306-314.	7.6	23
6	Ensemble Modeling and Intracellular Aggregation of an Engineered Immunoglobulin-Like Domain. <i>Journal of Molecular Biology</i> , 2016, 428, 1365-1374.	4.2	18
7	A Descriptor Set for Quantitative Structureâ€property Relationship Prediction in Biologics. <i>Molecular Informatics</i> , 2022, 41, .	2.5	10
8	Using natural sequences and modularity to design common and novel protein topologies. <i>Current Opinion in Structural Biology</i> , 2016, 38, 26-36.	5.7	7
9	Design for Solubility May Reveal Induction of Amide Hydrogen/Deuterium Exchange by Protein Self-Association. <i>Journal of Molecular Biology</i> , 2022, 434, 167398.	4.2	1