

Aron Broom

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1573924/publications.pdf>

Version: 2024-02-01

8
papers

247
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

436
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational tools help improve protein stability but with a solubility tradeoff. Journal of Biological Chemistry, 2017, 292, 14349-14361.	3.4	88
2	Exploring the relationships between protein sequence, structure and solubility. Current Opinion in Structural Biology, 2017, 42, 136-146.	5.7	56
3	Designed protein reveals structural determinants of extreme kinetic stability. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14605-14610.	7.1	33
4	Computational Modeling of Protein Stability: Quantitative Analysis Reveals Solutions to Pervasive Problems. Structure, 2020, 28, 717-726.e3.	3.3	33
5	Protein unfolding rates correlate as strongly as folding rates with native structure. Protein Science, 2015, 24, 580-587.	7.6	20
6	Using natural sequences and modularity to design common and novel protein topologies. Current Opinion in Structural Biology, 2016, 38, 26-36.	5.7	7
7	Asymmetric Anchoring Is Required for Efficient $\hat{\text{I}}\text{C}$ -Loop Opening and Closing in Cytosolic Phosphoenolpyruvate Carboxykinase. Biochemistry, 2017, 56, 2106-2115.	2.5	7
8	A fine balance of hydrophobic-electrostatic communication pathways in a pH-switching protein. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	3