

Alexey Strokach

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

312
citations

1307594

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1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast and Flexible Protein Design Using Deep Graph Neural Networks. <i>Cell Systems</i> , 2020, 11, 402-411.e4.	6.2	121
2	ELASPIC web-server: proteome-wide structure-based prediction of mutation effects on protein stability and binding affinity. <i>Bioinformatics</i> , 2016, 32, 1589-1591.	4.1	55
3	Deep generative modeling for protein design. <i>Current Opinion in Structural Biology</i> , 2022, 72, 226-236.	5.7	39
4	Predicting changes in protein stability caused by mutation using sequence- and structure-based methods in a CAGI5 blind challenge. <i>Human Mutation</i> , 2019, 40, 1414-1423.	2.5	28
5	ELASPIC2 (EL2): Combining Contextualized Language Models and Graph Neural Networks to Predict Effects of Mutations. <i>Journal of Molecular Biology</i> , 2021, 433, 166810.	4.2	24
6	Evaluating the predictions of the protein stability change upon single amino acid substitutions for the FXN CAGI5 challenge. <i>Human Mutation</i> , 2019, 40, 1392-1399.	2.5	16
7	Predicting the Effect of Mutations on Protein Folding and Protein-Protein Interactions. <i>Methods in Molecular Biology</i> , 2019, 1851, 1-17.	0.9	12
8	Computational generation of proteins with predetermined three-dimensional shapes using ProteinSolver. <i>STAR Protocols</i> , 2021, 2, 100505.	1.2	5