

Eric W Bell

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,090
citations

1040018

9
h-index

1281846

11
g-index

13
all docs

13
docs citations

13
times ranked

1317
citing authors

#	ARTICLE	IF	CITATIONS
1	Folding non-homologous proteins by coupling deep-learning contact maps with I-TASSER assembly simulations. <i>Cell Reports Methods</i> , 2021, 1, 100014.	2.9	272
2	Protein Structure and Sequence Reanalysis of 2019-nCoV Genome Refutes Snakes as Its Intermediate Host and the Unique Similarity between Its Spike Protein Insertions and HIV-1. <i>Journal of Proteome Research</i> , 2020, 19, 1351-1360.	3.7	242
3	DockRMSD: an open-source tool for atom mapping and RMSD calculation of symmetric molecules through graph isomorphism. <i>Journal of Cheminformatics</i> , 2019, 11, 40.	6.1	174
4	Ensembling multiple raw coevolutionary features with deep residual neural networks for contact map prediction in CASP13. <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, 1082-1091.	2.6	96
5	I-TASSER gateway: A protein structure and function prediction server powered by XSEDE. <i>Future Generation Computer Systems</i> , 2019, 99, 73-85.	7.5	80
6	Deducing high-accuracy protein contact-maps from a triplet of coevolutionary matrices through deep residual convolutional networks. <i>PLoS Computational Biology</i> , 2021, 17, e1008865.	3.2	70
7	Protein structure prediction using deep learning distance and hydrogen bonding restraints in <sc>CASP14</sc>. <i>Proteins: Structure, Function and Bioinformatics</i> , 2021, 89, 1734-1751.	2.6	53
8	EDock: blind protein ligand docking by replica-exchange monte carlo simulation. <i>Journal of Cheminformatics</i> , 2020, 12, 37.	6.1	45
9	Protein inter-residue contact and distance prediction by coupling complementary coevolution features with deep residual networks in <sc>CASP14</sc>. <i>Proteins: Structure, Function and Bioinformatics</i> , 2021, 89, 1911-1921.	2.6	23
10	Identification of inhibitors of the E. coli chaperone SurA using in silico and in vitro techniques. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 3540-3548.	2.2	9
11	Recombinant <i>Penicillium oxalicum</i> 16 β -Glucosidase 1 Displays Comprehensive Inhibitory Resistance to Several Lignocellulose Pretreatment Products, Ethanol, and Salt. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 772-784.	2.9	5