Diego Javier Zea

List of Publications by Year
in descending order

16	321	1040056	996975
papers	citations	9	15
		h-index	g-index

21	21	21	292
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of protein conformational diversity on AlphaFold predictions. Bioinformatics, 2022, 38, 2742-2748.	4.1	57
2	Conformational diversity analysis reveals three functional mechanisms in proteins. PLoS Computational Biology, 2017, 13, e1005398.	3.2	46
3	Protein Conformational Diversity Correlates with Evolutionary Rate. Molecular Biology and Evolution, 2013, 30, 1500-1503.	8.9	36
4	Conformational diversity and the emergence of sequence signatures during evolution. Current Opinion in Structural Biology, 2015, 32, 58-65.	5.7	35
5	I-COMS: Interprotein-COrrelated Mutations Server. Nucleic Acids Research, 2015, 43, W320-W325.	14.5	26
6	Disorder transitions and conformational diversity cooperatively modulate biological function in proteins. Protein Science, 2016, 25, 1138-1146.	7.6	23
7	Proteinâ€"protein interactions leave evolutionary footprints: High molecular coevolution at the core of interfaces. Protein Science, 2017, 26, 2438-2444.	7.6	23
8	Homology modeling in a dynamical world. Protein Science, 2017, 26, 2195-2206.	7.6	17
9	How is structural divergence related to evolutionary information?. Molecular Phylogenetics and Evolution, 2018, 127, 859-866.	2.7	13
10	On the dynamical incompleteness of the Protein Data Bank. Briefings in Bioinformatics, 2019, 20, 356-359.	6.5	13
11	Assessing conservation of alternative splicing with evolutionary splicing graphs. Genome Research, 2021, 31, 1462-1473.	5.5	8
12	Transcriptsâ€™ Evolutionary History and Structural Dynamics Give Mechanistic Insights into the Functional Diversity of the JNK Family. Journal of Molecular Biology, 2020, 432, 2121-2140.	4.2	7
13	Coevolution analysis of amino-acids reveals diversified drug-resistance solutions in viral sequences: a case study of hepatitis B virus. Virus Evolution, 2020, 6, veaa006.	4.9	4
14	Exploring Protein Conformational Diversity. Methods in Molecular Biology, 2019, 1851, 353-365.	0.9	2
15	ASES: visualizing evolutionary conservation of alternative splicing in proteins. Bioinformatics, 2022, 38, 2615-2616.	4.1	1
16	Comutation and exclusion analysis in human tumors: A tool for cancer biology studies and for rational selection of multitargeted therapeutic approaches. Human Mutation, 2019, 40, 413-425.	2.5	0