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List of Publications by Year
in descending order

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18	327	933447 10	888059 17
papers	citations	h-index	g-index

19	19	19	458
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inherent flexibility determines the transition mechanisms of the EF-hands of calmodulin. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2104-2109.	7.1	63
2	Protein recognition and selection through conformational and mutually induced fit. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20545-20550.	7.1	50
3	Pathogenic SPTBN1 variants cause an autosomal dominant neurodevelopmental syndrome. Nature Genetics, 2021, 53, 1006-1021.	21.4	44
4	Inherent flexibility and protein function: The open/closed conformational transition in the N-terminal domain of calmodulin. Journal of Chemical Physics, 2008, 128, 205104.	3.0	22
5	Alterations of Nonconserved Residues Affect Protein Stability and Folding Dynamics through Chargeâ€“Charge Interactions. Journal of Physical Chemistry B, 2015, 119, 13103-13112.	2.6	22
6	Conformational frustration in calmodulinâ€“target recognition. Journal of Molecular Recognition, 2015, 28, 74-86.	2.1	19
7	Lessons in Protein Design from Combined Evolution and Conformational Dynamics. Scientific Reports, 2015, 5, 14259.	3.3	13
8	Correlation between Gene Variants, Signaling Pathways, and Efficacy of Chemotherapy Drugs against Colon Cancers. Cancer Informatics, 2016, 15, CIN.S34506.	1.9	13
9	Backtracking due to Residual Structure in the Unfolded State Changes the Folding of the Third Fibronectin Type III Domain from Tenascin-C. Journal of Physical Chemistry B, 2013, 117, 800-810.	2.6	12
10	Conformational flexibility and the mechanisms of allosteric transitions in topologically similar proteins. Journal of Chemical Physics, 2011, 135, 075104.	3.0	11
11	Opposing Intermolecular Tuning of Ca2+ Affinity for Calmodulin by Neurogranin and CaMKII Peptides. Biophysical Journal, 2017, 112, 1105-1119.	0.5	11
12	Novel KLHL26 variant associated with a familial case of Ebsteinâ€™s anomaly and left ventricular noncompaction. Molecular Genetics & Genomic Medicine, 2020, 8, e1152.	1.2	11
13	Molecular mechanics and dynamic simulations of well-known Kabuki syndrome-associated KDM6A variants reveal putative mechanisms of dysfunction. Orphanet Journal of Rare Diseases, 2021, 16, 66.	2.7	11
14	Novel destabilizing Dynactin variant (DCTN1 p.Tyr78His) in patient with Perry syndrome. Parkinsonism and Related Disorders, 2020, 77, 110-113.	2.2	7
15	Structural bioinformatics enhances mechanistic interpretation of genomic variation, demonstrated through the analyses of 935 distinct RAS family mutations. Bioinformatics, 2021, 37, 1367-1375.	4.1	6
16	Allostery and Folding of the N-terminal Receiver Domain of Protein NtrC. Journal of Physical Chemistry B, 2013, 117, 13182-13193.	2.6	5
17	Enhanced interpretation of 935 hotspot and non-hotspot RAS variants using evidence-based structural bioinformatics. Computational and Structural Biotechnology Journal, 2022, 20, 117-127.	4.1	4
18	Computational modeling reveals key molecular properties and dynamic behavior of disruptor of telomeric silencing 1â€like (DOT1L) and partnering complexes involved in leukemogenesis. Proteins: Structure, Function and Bioinformatics, 2022, 90, 282-298.	2.6	3