

Pierre Poulain

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

432
citations

840119

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h-index

940134

16
g-index

20
all docs

20
docs citations

20
times ranked

697
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection and Architecture of Small Heat Shock Protein Monomers. PLoS ONE, 2010, 5, e9990.	1.1	83
2	Protein flexibility in the light of structural alphabets. Frontiers in Molecular Biosciences, 2015, 2, 20.	1.6	71
3	Cisâ€“trans isomerization of omega dihedrals in proteins. Amino Acids, 2013, 45, 279-289.	1.2	60
4	Modeling and Molecular Dynamics of HPA-1a and -1b Polymorphisms: Effects on the Structure of the Î²3 Subunit of the Î±IIbÎ²3 Integrin. PLoS ONE, 2012, 7, e47304.	1.1	33
5	PTools: an opensource molecular docking library. BMC Structural Biology, 2009, 9, 27.	2.3	32
6	Modeling the early stage of DNA sequence recognition within RecA nucleoprotein filaments. Nucleic Acids Research, 2010, 38, 6313-6323.	6.5	31
7	PBxlore: a tool to analyze local protein structure and deformability with Protein Blocks. PeerJ, 2017, 5, e4013.	0.9	29
8	Modeling and molecular dynamics simulations of the V33 variant of the integrin subunit Î²3: Structural comparison with the L33 (HPA-1a) and P33 (HPA-1b) variants. Biochimie, 2014, 105, 84-90.	1.3	20
9	The Î±IIb p.Leu841Met (Cab3^{a+}) polymorphism results in a new human platelet alloantigen involved in neonatal alloimmune thrombocytopenia. Transfusion, 2013, 53, 554-563.	0.8	17
10	An Integrative Approach to the Study of Filamentous Oligomeric Assemblies, with Application to RecA. PLoS ONE, 2015, 10, e0116414.	1.1	14
11	Ten Simple Rules for Getting Help from Online Scientific Communities. PLoS Computational Biology, 2011, 7, e1002202.	1.5	12
12	<i>Plasmodium falciparum</i> infection in febrile Congolese children: prevalence of clinical malaria 10 years after introduction of artemisininâ€“combination therapies. Tropical Medicine and International Health, 2016, 21, 1496-1503.	1.0	9
13	Novel Insights into Quantitative Proteomics from an Innovative Bottom-Up Simple Light Isotope Metabolic (bSLIM) Labeling Data Processing Strategy. Journal of Proteome Research, 2021, 20, 1476-1487.	1.8	7
14	Meet-U: Educating through research immersion. PLoS Computational Biology, 2018, 14, e1005992.	1.5	4
15	AutoClassWrapper: a Python wrapper for AutoClass C classification. Journal of Open Source Software, 2019, 4, 1390.	2.0	4
16	Quantitative Proteomics in Yeast: From bSLIM and Proteome Discoverer Outputs to Graphical Assessment of the Significance of Protein Quantification Scores. Methods in Molecular Biology, 2022, 2477, 275-292.	0.4	4
17	buildH: Build hydrogen atoms from united-atom molecular dynamics of lipids and calculate the order parameters. Journal of Open Source Software, 2021, 6, 3521.	2.0	0
18	AutoClassWeb: a simple web interface for Bayesian clustering of omics data. BMC Research Notes, 2022, 15, .	0.6	0