

Annie M Westerlund

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

269
citations

1162889
8
h-index

1474057
9
g-index

10
all docs

10
docs citations

10
times ranked

347
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk Prediction of Cardiovascular Events by Exploration of Molecular Data with Explainable Artificial Intelligence. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10291.	1.8	21
2	Vascular Tissue Specific miRNA Profiles Reveal Novel Correlations with Risk Factors in Coronary Artery Disease. <i>Biomolecules</i> , 2021, 11, 1683.	1.8	14
3	Molecular Insights from Conformational Ensembles via Machine Learning. <i>Biophysical Journal</i> , 2020, 118, 765-780.	0.2	67
4	Network analysis reveals how lipids and other cofactors influence membrane protein allostery. <i>Journal of Chemical Physics</i> , 2020, 153, 141103.	1.2	21
5	Tracking the motion of the K V 1.2 voltage sensor reveals the molecular perturbations caused by a de novo mutation in a case of epilepsy. <i>Journal of Physiology</i> , 2020, 598, 5245-5269.	1.3	7
6	Calmodulin acts as a state-dependent switch to control a cardiac potassium channel opening. <i>Science Advances</i> , 2020, 6, .	4.7	38
7	InfleCS: Clustering Free Energy Landscapes with Gaussian Mixtures. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 6752-6759.	2.3	36
8	Inference of Calmodulin's Ca ²⁺ -Dependent Free Energy Landscapes via Gaussian Mixture Model Validation. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 63-71.	2.3	23
9	Effect of Ca ²⁺ on the promiscuous target-protein binding of calmodulin. <i>PLoS Computational Biology</i> , 2018, 14, e1006072.	1.5	42