

Ruth Hendus-Altenburger

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

649
citations

933447

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1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1028
citing authors

#	ARTICLE	IF	CITATIONS
1	Context Matters in Disorder Based Protein Communication. Biophysical Journal, 2020, 118, 491a.	0.5	0
2	The intracellular lipid-binding domain of human Na ⁺ /H ⁺ exchanger 1 forms a lipid-protein co-structure essential for activity. Communications Biology, 2020, 3, 731.	4.4	11
3	Molecular basis for the binding and selective dephosphorylation of Na ⁺ /H ⁺ exchanger 1 by calcineurin. Nature Communications, 2019, 10, 3489.	12.8	36
4	Random coil chemical shifts for serine, threonine and tyrosine phosphorylation over a broad pH range. Journal of Biomolecular NMR, 2019, 73, 713-725.	2.8	24
5	Expanded Interactome of the Intrinsically Disordered Protein Dss1. Cell Reports, 2018, 25, 862-870.	6.4	14
6	Characterization of Dynamic IDP Complexes by NMR Spectroscopy. Methods in Enzymology, 2018, 611, 193-226.	1.0	29
7	A phosphorylation-motif for tuneable helix stabilisation in intrinsically disordered proteins â€“ Lessons from the sodium proton exchanger 1 (NHE1). Cellular Signalling, 2017, 37, 40-51.	3.6	34
8	The human Na ⁺ /H ⁺ exchanger 1 is a membrane scaffold protein for extracellular signal-regulated kinase 2. BMC Biology, 2016, 14, 31.	3.8	45
9	Structural Dynamics and Regulation of the Mammalian SLC9A Family of Na ⁺ /H ⁺ Exchangers. Current Topics in Membranes, 2014, 73, 69-148.	0.9	71
10	Direct interaction with the Na ⁺ /H ⁺ exchanger NHE1 regulates ERK1/2 activity. FASEB Journal, 2013, 27, 730.1.	0.5	1
11	The Intracellular Distal Tail of the Na ⁺ /H ⁺ Exchanger NHE1 Is Intrinsically Disordered: Implications for NHE1 Trafficking. Biochemistry, 2011, 50, 3469-3480.	2.5	56
12	Temperatureâ€“dependent structural changes in intrinsically disordered proteins: Formation of Î±-helices or loss of polyproline II?. Protein Science, 2010, 19, 1555-1564.	7.6	200
13	Mutational Tuning of Galectin-3 Specificity and Biological Function. Journal of Biological Chemistry, 2010, 285, 35079-35091.	3.4	98
14	Controlled Assembly of Vesicleâ€“Based Nanocontainers on Layerâ€“byâ€“Layer Particles via DNA Hybridization. Small, 2009, 5, 320-323.	10.0	30