Ruth Hendus-Altenburger

List of Publications by Year
in descending order

14	649	933447 10	1125743 13
papers	citations	h-index	g-index

14	14	14	1028
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Temperatureâ€dependent structural changes in intrinsically disordered proteins: Formation of Î±â€'helices or loss of polyproline II?. Protein Science, 2010, 19, 1555-1564.	7.6	200
2	Mutational Tuning of Galectin-3 Specificity and Biological Function. Journal of Biological Chemistry, 2010, 285, 35079-35091.	3.4	98
3	Structural Dynamics and Regulation of the Mammalian SLC9A Family of Na+/H+ Exchangers. Current Topics in Membranes, 2014, 73, 69-148.	0.9	71
4	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
5	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
6	Molecular basis for the binding and selective dephosphorylation of Na+/H+ exchanger 1 by calcineurin. Nature Communications, 2019, 10, 3489.	12.8	36
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	Controlled Assembly of Vesicleâ€Based Nanocontainers on Layerâ€byâ€Layer Particles via DNA Hybridization. Small, 2009, 5, 320-323.	10.0	30
9	Characterization of Dynamic IDP Complexes by NMR Spectroscopy. Methods in Enzymology, 2018, 611, 193-226.	1.0	29
10	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
11	Expanded Interactome of the Intrinsically Disordered Protein Dss1. Cell Reports, 2018, 25, 862-870.	6.4	14
12	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
13	Direct interaction with the Na+/H+ exchanger NHE1 regulates ERK1/2 activity. FASEB Journal, 2013, 27, 730.1.	0.5	1
14	Context Matters in Disorder Based Protein Communication. Biophysical Journal, 2020, 118, 491a.	0.5	0