

Ruth A Schwalbe

List of Publications by Year in descending order

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14
papers

209
citations

1162889

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1058333

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251
citing authors

#	ARTICLE	IF	CITATIONS
1	Compromised N-Glycosylation Processing of Kv3.1b Correlates with Perturbed Motor Neuron Structure and Locomotor Activity. <i>Biology</i> , 2021, 10, 486.	1.3	1
2	Functional analysis of N-acetylglucosaminyltransferase-I knockdown in 2D and 3D neuroblastoma cell cultures. <i>PLoS ONE</i> , 2021, 16, e0259743.	1.1	6
3	Knockdown of N-Acetylglucosaminyltransferase-II Reduces Matrix Metalloproteinase 2 Activity and Suppresses Tumorigenicity in Neuroblastoma Cell Line. <i>Biology</i> , 2020, 9, 71.	1.3	5
4	Lack of complex type N-glycans lessens aberrant neuronal properties. <i>PLoS ONE</i> , 2018, 13, e0199202.	1.1	5
5	Membrane Distribution and Activity of a Neuronal Voltage-Gated K ⁺ Channel is Modified by Replacement of Complex Type N-Glycans with Hybrid Type. <i>Journal of Glycobiology</i> , 2017, 06, .	0.2	5
6	Predominant Expression of Hybrid N-Glycans Has Distinct Cellular Roles Relative to Complex and Oligomannose N-Glycans. <i>International Journal of Molecular Sciences</i> , 2016, 17, 925.	1.8	10
7	Complex N-Glycans Influence the Spatial Arrangement of Voltage Gated Potassium Channels in Membranes of Neuronal-Derived Cells. <i>PLoS ONE</i> , 2015, 10, e0137138.	1.1	8
8	Cell surface N-glycans influence the level of functional E-cadherin at the cell-cell border. <i>FEBS Open Bio</i> , 2014, 4, 892-897.	1.0	16
9	Glycan Structures Contain Information for the Spatial Arrangement of Glycoproteins in the Plasma Membrane. <i>PLoS ONE</i> , 2013, 8, e75013.	1.1	20
10	Biochemical engineering of the N-acyl side chain of sialic acids alters the kinetics of a glycosylated potassium channel Kv3.1. <i>FEBS Letters</i> , 2011, 585, 3322-3327.	1.3	15
11	Importance of Glycosylation on Function of a Potassium Channel in Neuroblastoma Cells. <i>PLoS ONE</i> , 2011, 6, e19317.	1.1	31
12	Novel Kv3 glycoforms differentially expressed in adult mammalian brain contain sialylated N-glycans. <i>Biochemistry and Cell Biology</i> , 2008, 86, 21-30.	0.9	18
13	Complex oligosaccharides are N-linked to Kv3 voltage-gated K ⁺ channels in rat brain. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007, 1770, 666-671.	1.1	28
14	Characterization of N-glycosylation consensus sequences in the Kv3.1 channel. <i>FEBS Journal</i> , 2006, 273, 3287-3300.	2.2	41