

Ruth A Schwalbe

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

209
citations

1162889

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h-index

1058333

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14
all docs

14
docs citations

14
times ranked

251
citing authors

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