

Ronald Jabs

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

1,812
citations

20
h-index

34
g-index

34
ext. papers

1,998
ext. citations

6.5
avg, IF

4.34
L-index

#	Paper	IF	Citations
33	BAC transgenic mice to study the expression of P2X2 and P2Y receptors. <i>Purinergic Signalling</i> , 2021 , 17, 449-465	3.8	0
32	Auxiliary Subunits Control Function and Subcellular Distribution of AMPA Receptor Complexes in NG2 Glia of the Developing Hippocampus. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 669717	6.1	1
31	NO-mediated signal transmission in bladder vasculature as a therapeutic target of PDE5 inhibitors. Rodent model studies. <i>British Journal of Pharmacology</i> , 2021 , 178, 1073-1094	8.6	2
30	Astrocytes and oligodendrocytes in the thalamus jointly maintain synaptic activity by supplying metabolites. <i>Cell Reports</i> , 2021 , 34, 108642	10.6	8
29	Properties of human astrocytes and NG2 glia. <i>Glia</i> , 2020 , 68, 756-767	9	23
28	Barreloid Borders and Neuronal Activity Shape Panglial Gap Junction-Coupled Networks in the Mouse Thalamus. <i>Cerebral Cortex</i> , 2018 , 28, 213-222	5.1	15
27	Migration of Interneuron Precursors in the Nascent Cerebellar Cortex. <i>Cerebellum</i> , 2018 , 17, 62-71	4.3	10
26	Anisotropic Panglial Coupling Reflects Tonotopic Organization in the Inferior Colliculus. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 431	6.1	5
25	Synaptic input as a directional cue for migrating interneuron precursors. <i>Development (Cambridge)</i> , 2017 , 144, 4125-4136	6.6	12
24	The NG2 Protein Is Not Required for Glutamatergic Neuron-NG2 Cell Synaptic Signaling. <i>Cerebral Cortex</i> , 2016 , 26, 51-7	5.1	14
23	Functional anisotropic panglial networks in the lateral superior olive. <i>Glia</i> , 2016 , 64, 1892-911	9	17
22	Characterization of Panglial Gap Junction Networks in the Thalamus, Neocortex, and Hippocampus Reveals a Unique Population of Glial Cells. <i>Cerebral Cortex</i> , 2015 , 25, 3420-33	5.1	84
21	Serotonin stimulates secretion of exosomes from microglia cells. <i>Glia</i> , 2015 , 63, 626-34	9	118
20	Expression of the α -subunit distinguishes synaptic and extrasynaptic GABA(A) receptors in NG2 cells of the hippocampus. <i>Journal of Neuroscience</i> , 2013 , 33, 12030-40	6.6	35
19	Direct visualization of cell division using high-resolution imaging of M-phase of the cell cycle. <i>Nature Communications</i> , 2012 , 3, 1076	17.4	69
18	Dual reporter approaches for identification of Cre efficacy and astrocyte heterogeneity. <i>FASEB Journal</i> , 2012 , 26, 4576-83	0.9	22
17	Maternal de novo triple mosaicism for two single OCRL nucleotide substitutions (c.1736A>T, c.1736A>G) in a Lowe syndrome family. <i>Human Genetics</i> , 2011 , 129, 513-9	6.3	17

16	Gray matter NG2 cells display multiple Ca ²⁺ -signaling pathways and highly motile processes. <i>PLoS ONE</i> , 2011 , 6, e17575	3.7	80
15	Neuron-glia synapses in the brain. <i>Brain Research Reviews</i> , 2010 , 63, 130-7		135
14	Astrocytic function and its alteration in the epileptic brain. <i>Epilepsia</i> , 2008 , 49 Suppl 2, 3-12	6.4	90
13	Nanomolar ambient ATP decelerates P2X ₃ receptor kinetics. <i>Neuropharmacology</i> , 2008 , 55, 1212-8	5.5	9
12	Lack of P2X receptor mediated currents in astrocytes and GluR type glial cells of the hippocampal CA1 region. <i>Glia</i> , 2007 , 55, 1648-55	9	66
11	Functional characterization of P2X ₃ receptors fused with fluorescent proteins. <i>Molecular Membrane Biology</i> , 2005 , 22, 497-506	3.4	13
10	Synaptic transmission onto hippocampal glial cells with hGFAP promoter activity. <i>Journal of Cell Science</i> , 2005 , 118, 3791-803	5.3	129
9	Distribution of P2X receptors on astrocytes in juvenile rat hippocampus. <i>Glia</i> , 2001 , 36, 11-21	9	129
8	Identification of purinergic receptors in retinal ganglion cells. <i>Molecular Brain Research</i> , 2001 , 92, 177-80		79
7	Functional and molecular properties of human astrocytes in acute hippocampal slices obtained from patients with temporal lobe epilepsy. <i>Epilepsia</i> , 2000 , 41 Suppl 6, S181-4	6.4	120
6	Expression of purinergic receptors in bipolar cells of the rat retina. <i>Molecular Brain Research</i> , 2000 , 76, 415-8		50
5	Evidence for P2X ₃ , P2X ₄ , P2X ₅ but not for P2X ₇ containing purinergic receptors in Müller cells of the rat retina. <i>Molecular Brain Research</i> , 2000 , 76, 205-10		63
4	GABA _A receptor agonists modulate K ⁺ currents in adult hippocampal glial cells in situ. <i>Glia</i> , 1999 , 26, 129-138	9	29
3	Developmental regulation of Na ⁺ and K ⁺ conductances in glial cells of mouse hippocampal brain slices. <i>Glia</i> , 1995 , 15, 173-87	9	138
2	Kainate activates Ca ²⁺ -permeable glutamate receptors and blocks voltage-gated K ⁺ currents in glial cells of mouse hippocampal slices. <i>Pflügers Archiv European Journal of Physiology</i> , 1994 , 426, 310-9	4.6	96
1	Properties of GABA and glutamate responses in identified glial cells of the mouse hippocampal slice. <i>Hippocampus</i> , 1994 , 4, 19-35	3.5	134