

# Ronald Jobs

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

2,167  
citations

331259

21  
h-index

395343

33  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2196  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Neuron-glia synapses in the brain. <i>Brain Research Reviews</i> , 2010, 63, 130-137.  | 9.1 | 168       |
| 2  | Serotonin stimulates secretion of exosomes from microglia cells. <i>Glia</i> , 2015, 63, 626-634.  | 2.5 | 160       |
| 3  | Properties of GABA and glutamate responses in identified glial cells of the mouse hippocampal slice. <i>Hippocampus</i> , 1994, 4, 19-35.  | 0.9 | 154       |
| 4  | Developmental regulation of Na <sup>+</sup> and K <sup>+</sup> conductances in glial cells of mouse hippocampal brain slices. <i>Glia</i> , 1995, 15, 173-187.   | 2.5 | 144       |
| 5  | Distribution of P2X receptors on astrocytes in juvenile rat hippocampus. <i>Glia</i> , 2001, 36, 11-21.  | 2.5 | 139       |
| 6  | Synaptic transmission onto hippocampal glial cells with hGFAP promoter activity. <i>Journal of Cell Science</i> , 2005, 118, 3791-3803.  | 1.2 | 139       |
| 7  | Functional and Molecular Properties of Human Astrocytes in Acute Hippocampal Slices Obtained from Patients with Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2000, 41, S181-S184.  | 2.6 | 129       |
| 8  | Kainate activates Ca <sup>2+</sup> -permeable glutamate receptors and blocks voltage-gated K <sup>+</sup> currents in glial cells of mouse hippocampal slices. <i>Pflugers Archiv European Journal of Physiology</i> , 1994, 426, 310-319. | 1.3 | 122       |
| 9  | 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, 3420-3433.   | 1.6 | 108       |
| 10 | Astrocytic function and its alteration in the epileptic brain. <i>Epilepsia</i> , 2008, 49, 3-12.  | 2.6 | 99        |
| 11 | Gray Matter NG2 Cells Display Multiple Ca <sup>2+</sup> -Signaling Pathways and Highly Motile Processes. <i>PLoS ONE</i> , 2011, 6, e17575.  | 1.1 | 99        |
| 12 | Direct visualization of cell division using high-resolution imaging of M-phase of the cell cycle. <i>Nature Communications</i> , 2012, 3, 1076.  | 5.8 | 92        |
| 13 | Identification of purinergic receptors in retinal ganglion cells. <i>Molecular Brain Research</i> , 2001, 92, 177-180.   | 2.5 | 90        |
| 14 | Lack of P2X receptor mediated currents in astrocytes and GluR type glial cells of the hippocampal CA1 region. <i>Glia</i> , 2007, 55, 1648-1655.   | 2.5 | 73        |
| 15 | Evidence for P2X <sub>3</sub> , P2X <sub>4</sub> , P2X <sub>5</sub> but not for P2X <sub>7</sub> containing purinergic receptors in Müller cells of the rat retina. <i>Molecular Brain Research</i> , 2000, 76, 205-210.                   | 2.5 | 70        |
| 16 | Expression of purinergic receptors in bipolar cells of the rat retina. <i>Molecular Brain Research</i> , 2000, 76, 415-418.  | 2.5 | 52        |
| 17 | Properties of human astrocytes and NG2 glia. <i>Glia</i> , 2020, 68, 756-767.  | 2.5 | 46        |
| 18 | Expression of the $\alpha 2$ -Subunit Distinguishes Synaptic and Extrasynaptic GABA <sub>A</sub> Receptors in NG2 Cells of the Hippocampus. <i>Journal of Neuroscience</i> , 2013, 33, 12030-12040.  | 1.7 | 43        |

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|----|--|-----|-----------|
| 19 | GABAA receptor agonists modulate K <sup>+</sup> currents in adult hippocampal glial cells in situ. <i>Glia</i> , 1999, 26, 129-138.  | 2.5 | 30        |
| 20 | Dual reporter approaches for identification of Cre efficacy and astrocyte heterogeneity. <i>FASEB Journal</i> , 2012, 26, 4576-4583.   | 0.2 | 28        |
| 21 | Astrocytes and oligodendrocytes in the thalamus jointly maintain synaptic activity by supplying metabolites. <i>Cell Reports</i> , 2021, 34, 108642.   | 2.9 | 27        |
| 22 | The NG2 Protein Is Not Required for Glutamatergic Neuron-NG2 Cell Synaptic Signaling. <i>Cerebral Cortex</i> , 2016, 26, 51-57.  | 1.6 | 22        |
| 23 | Maternal de novo triple mosaicism for two single OCRL nucleotide substitutions (c.1736A>T; Tj ETQq1 1 0.784314 rgBT /Overlock 19   | 1.8 | 19        |
| 24 | Functional anisotropic panglial networks in the lateral superior olive. <i>Glia</i> , 2016, 64, 1892-1911.   | 2.5 | 19        |
| 25 | Migration of Interneuron Precursors in the Nascent Cerebellar Cortex. <i>Cerebellum</i> , 2018, 17, 62-71.   | 1.4 | 19        |
| 26 | Barreloid Borders and Neuronal Activity Shape Panglial Gap Junction-Coupled Networks in the Mouse Thalamus. <i>Cerebral Cortex</i> , 2016, 28, 213-222.  | 1.6 | 16        |
| 27 | Synaptic input as a directional cue for migrating interneuron precursors. <i>Development (Cambridge)</i> , 2017, 144, 4125-4136.   | 1.2 | 15        |
| 28 | Functional characterization of P2X3 receptors fused with fluorescent proteins. <i>Molecular Membrane Biology</i> , 2005, 22, 497-506.  | 2.0 | 13        |
| 29 | Nanomolar ambient ATP decelerates P2X3 receptor kinetics. <i>Neuropharmacology</i> , 2008, 55, 1212-1218.  | 2.0 | 9         |
| 30 | Nitric oxide-mediated signal transmission in bladder vasculature underlies the therapeutic actions of PDE5 inhibitors in the rat. <i>British Journal of Pharmacology</i> , 2021, 178, 1073-1094.     | 2.7 | 9         |
| 31 | Anisotropic Panglial Coupling Reflects Tonotopic Organization in the Inferior Colliculus. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 431.   | 1.8 | 7         |
| 32 | BAC transgenic mice to study the expression of P2X2 and P2Y1 receptors. <i>Purinergic Signalling</i> , 2021, 17, 449-465.  | 1.1 | 4         |
| 33 | 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. | 1.8 | 3         |