

Khalad Karram

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

3,606
citations

331670

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526287

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docs citations

27
times ranked

4595
citing authors

#	ARTICLE	IF	CITATIONS
1	Embryonic Stem Cell-Derived Glial Precursors: A Source of Myelinating Transplants. <i>Science</i> , 1999, 285, 754-756.	12.6	950
2	Genetic Cell Ablation Reveals Clusters of Local Self-Renewing Microglia in the Mammalian Central Nervous System. <i>Immunity</i> , 2015, 43, 92-106.	14.3	506
3	A novel microglial subset plays a key role in myelinogenesis in developing brain. <i>EMBO Journal</i> , 2017, 36, 3292-3308.	7.8	375
4	Chimeric brains generated by intraventricular transplantation of fetal human brain cells into embryonic rats. <i>Nature Biotechnology</i> , 1998, 16, 1040-1044.	17.5	287
5	NG2 cells: Properties, progeny and origin. <i>Brain Research Reviews</i> , 2010, 63, 72-82.	9.0	214
6	Novel NG2 α CreERT2 knock-in mice demonstrate heterogeneous differentiation potential of NG2 glia during development. <i>Glia</i> , 2014, 62, 896-913.	4.9	145
7	Oligodendrocytes in mouse corpus callosum are coupled via gap junction channels formed by connexin47 and connexin32. <i>Glia</i> , 2010, 58, 1104-1117.	4.9	122
8	Primary oligodendrocyte death does not elicit anti-CNS immunity. <i>Nature Neuroscience</i> , 2012, 15, 543-550.	14.8	121
9	NG2 α -expressing cells in the nervous system revealed by the NG2 α YFP knockin mouse. <i>Genesis</i> , 2008, 46, 743-757.	1.6	107
10	Gray Matter NG2 Cells Display Multiple Ca ²⁺ -Signaling Pathways and Highly Motile Processes. <i>PLoS ONE</i> , 2011, 6, e17575.	2.5	99
11	A neuronal PI(3,4,5)P3-dependent program of oligodendrocyte precursor recruitment and myelination. <i>Nature Neuroscience</i> , 2017, 20, 10-15.	14.8	95
12	Oligodendrocyte ablation triggers central pain independently of innate or adaptive immune responses in mice. <i>Nature Communications</i> , 2014, 5, 5472.	12.8	83
13	EBI2 Is Highly Expressed in Multiple Sclerosis Lesions and Promotes Early CNS Migration of Encephalitogenic CD4 ⁺ T Cells. <i>Cell Reports</i> , 2017, 18, 1270-1284.	6.4	63
14	Functional network integration of embryonic stem cell-derived astrocytes in hippocampal slice cultures. <i>Development (Cambridge)</i> , 2003, 130, 5533-5541.	2.5	57
15	NG2-expressing cells in the nervous system: role of the proteoglycan in migration and glial-neuron interaction. <i>Journal of Anatomy</i> , 2005, 207, 735-744.	1.5	54
16	Synapses between NG2 glia and neurons. <i>Journal of Anatomy</i> , 2011, 219, 2-7.	1.5	51
17	Interaction of Syntenin-1 and the NG2 Proteoglycan in Migratory Oligodendrocyte Precursor Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 8310-8317.	3.4	50
18	Lack of α NG2 exacerbates neurological outcome and modulates glial responses after traumatic brain injury. <i>Glia</i> , 2016, 64, 507-523.	4.9	48

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19	Interleukin-1 promotes autoimmune neuroinflammation by suppressing endothelial heme oxygenase-1 at the blood-brain barrier. <i>Acta Neuropathologica</i> , 2020, 140, 549-567.	7.7	47
20	Dual reporter approaches for identification of Cre efficacy and astrocyte heterogeneity. <i>FASEB Journal</i> , 2012, 26, 4576-4583.	0.5	28
21	The NG2 Proteoglycan Protects Oligodendrocyte Precursor Cells against Oxidative Stress via Interaction with OMI/HtrA2. <i>PLoS ONE</i> , 2015, 10, e0137311.	2.5	26
22	Alternative Splice Forms of CYLD Mediate Ubiquitination of SMAD7 to Prevent TGF β Signaling and Promote Colitis. <i>Gastroenterology</i> , 2019, 156, 692-707.e7.	1.3	24
23	Mice lacking Plexin-B3 display normal CNS morphology and behaviour. <i>Molecular and Cellular Neurosciences</i> , 2009, 42, 372-381.	2.2	19
24	Subclinical CNS Inflammation as Response to a Myelin Antigen in Humanized Mice. <i>Journal of Neuroimmune Pharmacology</i> , 2013, 8, 1037-1047.	4.1	17
25	Enrichment and isolation of neurons from adult mouse brain for ex vivo analysis. <i>Journal of Neuroscience Methods</i> , 2017, 283, 15-22.	2.5	12
26	NG2 plays a role in neuroinflammation but is not expressed by immune cells. <i>Acta Neuropathologica</i> , 2017, 134, 325-327.	7.7	3
27	Neurofibromatosis type 2 tumor suppressor protein is expressed in oligodendrocytes and regulates cell proliferation and process formation. <i>PLoS ONE</i> , 2018, 13, e0196726.	2.5	3