

Gareth R John

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

4,115
citations

236925

25
h-index

414414

32
g-index

32
all docs

32
docs citations

32
times ranked

6036
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy is a gatekeeper of hepatic differentiation and carcinogenesis by controlling the degradation of Yap. <i>Nature Communications</i> , 2018, 9, 4962.	12.8	111
2	Karyopherin Alpha Proteins Regulate Oligodendrocyte Differentiation. <i>PLoS ONE</i> , 2017, 12, e0170477.	2.5	7
3	Astrocytic tight junctions control inflammatory CNS lesion pathogenesis. <i>Journal of Clinical Investigation</i> , 2017, 127, 3136-3151.	8.2	169
4	The Transcriptional Activator KrÄ½ppel-like Factor-6 Is Required for CNS Myelination. <i>PLoS Biology</i> , 2016, 14, e1002467.	5.6	31
5	Functional Characterization of DNA Methylation in the Oligodendrocyte Lineage. <i>Cell Reports</i> , 2016, 15, 748-760.	6.4	81
6	Relapses in multiple sclerosis: Relationship to disability. <i>Multiple Sclerosis and Related Disorders</i> , 2016, 6, 10-20.	2.0	36
7	Understanding How Exercise Promotes Cognitive Integrity in the Aging Brain. <i>PLoS Biology</i> , 2015, 13, e1002300.	5.6	12
8	Astrocytic TYMP and VEGFA drive bloodâ€“brain barrier opening in inflammatory central nervous system lesions. <i>Brain</i> , 2015, 138, 1548-1567.	7.6	123
9	Accelerated repair of demyelinated CNS lesions in the absence of nonâ€“muscle myosin IIB. <i>Glia</i> , 2014, 62, 580-591.	4.9	21
10	Combinatorial actions of Tgfb² and Activin ligands promote oligodendrocyte development and CNS myelination. <i>Development (Cambridge)</i> , 2014, 141, 2414-2428.	2.5	30
11	Investigation of Astrocyte â€“ Oligodendrocyte Interactions in Human Cultures. <i>Methods in Molecular Biology</i> , 2012, 814, 401-414.	0.9	13
12	Astrocyte-derived VEGF-A drives blood-brain barrier disruption in CNS inflammatory disease. <i>Journal of Clinical Investigation</i> , 2012, 122, 2454-2468.	8.2	533
13	On the Occurrence of Hypomyelination in a Transgenic Mouse Model: A Consequence of the Myelin Basic Protein Promoter?. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011, 70, 1138-1150.	1.7	4
14	Promoting myelin repair and return of function in multiple sclerosis. <i>FEBS Letters</i> , 2011, 585, 3813-3820.	2.8	19
15	Targeting Oligodendrocyte Protection and Remyelination in Multiple Sclerosis. <i>Mount Sinai Journal of Medicine</i> , 2011, 78, 244-257.	1.9	16
16	Proapoptotic and Antiapoptotic Actions of Stat1 versus Stat3 Underlie Neuroprotective and Immunoregulatory Functions of IL-11. <i>Journal of Immunology</i> , 2011, 187, 1129-1141.	0.8	34
17	TGFÎ²1 induces Jagged1 expression in astrocytes via ALK5 and Smad3 and regulates the balance between oligodendrocyte progenitor proliferation and differentiation. <i>Glia</i> , 2010, 58, 964-974.	4.9	47
18	IL-11 Regulates Autoimmune Demyelination. <i>Journal of Immunology</i> , 2009, 183, 4229-4240.	0.8	69

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19	VEGF-mediated disruption of endothelial CLN-5 promotes blood-brain barrier breakdown. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1977-1982.	7.1	529
20	Notch1 signaling plays a role in regulating precursor differentiation during CNS remyelination. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19162-19167.	7.1	179
21	Revisiting Notch in remyelination of multiple sclerosis lesions. Journal of Clinical Investigation, 2009, 119, 10-3.	8.2	73
22	Interleukin-11 Potentiates Oligodendrocyte Survival and Maturation, and Myelin Formation. Journal of Neuroscience, 2006, 26, 12174-12185.	3.6	123
23	IL-1 β Regulates Blood-Brain Barrier Permeability via Reactivation of the Hypoxia-Angiogenesis Program. Journal of Immunology, 2006, 177, 5574-5584.	0.8	286
24	IL-1-regulated responses in astrocytes: Relevance to injury and recovery. Glia, 2005, 49, 161-176.	4.9	179
25	The Cytokine IL-1 β Activates IFN Response Factor 3 in Human Fetal Astrocytes in Culture. Journal of Immunology, 2005, 174, 3719-3726.	0.8	57
26	CXC chemokine receptors on human oligodendrocytes: implications for multiple sclerosis. Brain, 2005, 128, 1003-1015.	7.6	175
27	Interleukin-1 β Induces a Reactive Astroglial Phenotype via Deactivation of the Rho GTPase-Rock Axis. Journal of Neuroscience, 2004, 24, 2837-2845.	3.6	152
28	Cytokines: Powerful Regulators of Glial Cell Activation. Neuroscientist, 2003, 9, 10-22.	3.5	261
29	Multiple sclerosis: Re-expression of a developmental pathway that restricts oligodendrocyte maturation. Nature Medicine, 2002, 8, 1115-1121.	30.7	444
30	Extracellular Nucleotides Differentially Regulate Interleukin-1 β Signaling in Primary Human Astrocytes: Implications for Inflammatory Gene Expression. Journal of Neuroscience, 2001, 21, 4134-4142.	3.6	89
31	Modulation of Interleukin-1 β and Tumor Necrosis Factor α Signaling by P2 Purinergic Receptors in Human Fetal Astrocytes. Journal of Neuroscience, 2000, 20, 5292-5299.	3.6	82
32	Reciprocal Regulation of the Junctional Proteins Claudin-1 and Connexin43 by Interleukin-1 β in Primary Human Fetal Astrocytes. Journal of Neuroscience, 2000, 20, RC114-RC114.	3.6	130