

# 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	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
2	VEGF-mediated disruption of endothelial CLN-5 promotes blood-brain barrier breakdown. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1977-1982.	7.1	529
3	Multiple sclerosis: Re-expression of a developmental pathway that restricts oligodendrocyte maturation. <i>Nature Medicine</i> , 2002, 8, 1115-1121.	30.7	444
4	IL-1 $\beta$ Regulates Blood-Brain Barrier Permeability via Reactivation of the Hypoxia-Angiogenesis Program. <i>Journal of Immunology</i> , 2006, 177, 5574-5584.	0.8	286
5	Cytokines: Powerful Regulators of Glial Cell Activation. <i>Neuroscientist</i> , 2003, 9, 10-22.	3.5	261
6	IL-1-regulated responses in astrocytes: Relevance to injury and recovery. <i>Glia</i> , 2005, 49, 161-176.	4.9	179
7	Notch1 signaling plays a role in regulating precursor differentiation during CNS remyelination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19162-19167.	7.1	179
8	CXC chemokine receptors on human oligodendrocytes: implications for multiple sclerosis. <i>Brain</i> , 2005, 128, 1003-1015.	7.6	175
9	Astrocytic tight junctions control inflammatory CNS lesion pathogenesis. <i>Journal of Clinical Investigation</i> , 2017, 127, 3136-3151.	8.2	169
10	Interleukin-1 $\beta$ Induces a Reactive Astroglial Phenotype via Deactivation of the Rho GTPase-Rock Axis. <i>Journal of Neuroscience</i> , 2004, 24, 2837-2845.	3.6	152
11	Reciprocal Regulation of the Junctional Proteins Claudin-1 and Connexin43 by Interleukin-1 $\beta$ in Primary Human Fetal Astrocytes. <i>Journal of Neuroscience</i> , 2000, 20, RC114-RC114.	3.6	130
12	Interleukin-11 Potentiates Oligodendrocyte Survival and Maturation, and Myelin Formation. <i>Journal of Neuroscience</i> , 2006, 26, 12174-12185.	3.6	123
13	Astrocytic TYMP and VEGFA drive blood-brain barrier opening in inflammatory central nervous system lesions. <i>Brain</i> , 2015, 138, 1548-1567.	7.6	123
14	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
15	Extracellular Nucleotides Differentially Regulate Interleukin-1 $\beta$ Signaling in Primary Human Astrocytes: Implications for Inflammatory Gene Expression. <i>Journal of Neuroscience</i> , 2001, 21, 4134-4142.	3.6	89
16	Modulation of Interleukin-1 $\beta$ and Tumor Necrosis Factor $\alpha$ Signaling by P2 Purinergic Receptors in Human Fetal Astrocytes. <i>Journal of Neuroscience</i> , 2000, 20, 5292-5299.	3.6	82
17	Functional Characterization of DNA Methylation in the Oligodendrocyte Lineage. <i>Cell Reports</i> , 2016, 15, 748-760.	6.4	81
18	Revisiting Notch in remyelination of multiple sclerosis lesions. <i>Journal of Clinical Investigation</i> , 2009, 119, 10-3.	8.2	73

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19	IL-11 Regulates Autoimmune Demyelination. <i>Journal of Immunology</i> , 2009, 183, 4229-4240.	0.8	69
20	The Cytokine IL-1 $\beta$ Activates IFN Response Factor 3 in Human Fetal Astrocytes in Culture. <i>Journal of Immunology</i> , 2005, 174, 3719-3726.	0.8	57
21	TGF $\beta$ 21 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
22	Relapses in multiple sclerosis: Relationship to disability. <i>Multiple Sclerosis and Related Disorders</i> , 2016, 6, 10-20.	2.0	36
23	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
24	The Transcriptional Activator Kr $\beta$ 1/4ppel-like Factor-6 Is Required for CNS Myelination. <i>PLoS Biology</i> , 2016, 14, e1002467.	5.6	31
25	Combinatorial actions of Tgfb $\beta$ 2 and Activin ligands promote oligodendrocyte development and CNS myelination. <i>Development (Cambridge)</i> , 2014, 141, 2414-2428.	2.5	30
26	Accelerated repair of demyelinated CNS lesions in the absence of non-muscle myosin IIB. <i>Glia</i> , 2014, 62, 580-591.	4.9	21
27	Promoting myelin repair and return of function in multiple sclerosis. <i>FEBS Letters</i> , 2011, 585, 3813-3820.	2.8	19
28	Targeting Oligodendrocyte Protection and Remyelination in Multiple Sclerosis. <i>Mount Sinai Journal of Medicine</i> , 2011, 78, 244-257.	1.9	16
29	Investigation of Astrocyte " Oligodendrocyte Interactions in Human Cultures. <i>Methods in Molecular Biology</i> , 2012, 814, 401-414.	0.9	13
30	Understanding How Exercise Promotes Cognitive Integrity in the Aging Brain. <i>PLoS Biology</i> , 2015, 13, e1002300.	5.6	12
31	Karyopherin Alpha Proteins Regulate Oligodendrocyte Differentiation. <i>PLoS ONE</i> , 2017, 12, e0170477.	2.5	7
32	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