

# John Greenwood

## List of Publications by Citations

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141  
papers

8,903  
citations

53  
h-index

93  
g-index

149  
ext. papers

9,666  
ext. citations

7  
avg, IF

5.54  
L-index

#	Paper	IF	Citations
141	Blood-brain barrier-specific properties of a human adult brain endothelial cell line. <i>FASEB Journal</i> , <b>2005</b> , 19, 1872-4	0.9	983
140	Statin therapy and autoimmune disease: from protein prenylation to immunomodulation. <i>Nature Reviews Immunology</i> , <b>2006</b> , 6, 358-70	36.5	489
139	LRG1 promotes angiogenesis by modulating endothelial TGF- $\beta$ signalling. <i>Nature</i> , <b>2013</b> , 499, 306-11	50.4	285
138	Effect of high-dose simvastatin on brain atrophy and disability in secondary progressive multiple sclerosis (MS-STAT): a randomised, placebo-controlled, phase 2 trial. <i>Lancet, The</i> , <b>2014</b> , 383, 2213-21	40	283
137	ICAM-1-coupled cytoskeletal rearrangements and transendothelial lymphocyte migration involve intracellular calcium signaling in brain endothelial cell lines. <i>Journal of Immunology</i> , <b>2000</b> , 165, 3375-83	5.3	257
136	Development and characterisation of a rat brain capillary endothelial culture: towards an in vitro blood-brain barrier. <i>Journal of Cell Science</i> , <b>1992</b> , 103, 23-37	5.3	228
135	Lymphocyte migration through brain endothelial cell monolayers involves signaling through endothelial ICAM-1 via a rho-dependent pathway. <i>Journal of Immunology</i> , <b>1999</b> , 162, 2964-73	5.3	210
134	Oxidative stress affects the junctional integrity of retinal pigment epithelial cells. <i>Investigative Ophthalmology and Visual Science</i> , <b>2004</b> , 45, 675-84		195
133	RPE transplantation and its role in retinal disease. <i>Progress in Retinal and Eye Research</i> , <b>2007</b> , 26, 598-635	20.5	194
132	Long-term preservation of cortically dependent visual function in RCS rats by transplantation. <i>Nature Neuroscience</i> , <b>2002</b> , 5, 53-6	25.5	180
131	Subretinal transplantation of genetically modified human cell lines attenuates loss of visual function in dystrophic rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 9942-7	11.5	178
130	ICAM-1 signaling pathways associated with Rho activation in microvascular brain endothelial cells. <i>Journal of Immunology</i> , <b>1998</b> , 161, 5755-61	5.3	178
129	Lovastatin inhibits brain endothelial cell Rho-mediated lymphocyte migration and attenuates experimental autoimmune encephalomyelitis. <i>FASEB Journal</i> , <b>2003</b> , 17, 905-7	0.9	176
128	Review: leucocyte-endothelial cell crosstalk at the blood-brain barrier: a prerequisite for successful immune cell entry to the brain. <i>Neuropathology and Applied Neurobiology</i> , <b>2011</b> , 37, 24-39	5.2	174
127	Complement factor H deficiency in aged mice causes retinal abnormalities and visual dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 16651-6	11.5	169
126	Statins and the vascular endothelial inflammatory response. <i>Trends in Immunology</i> , <b>2007</b> , 28, 88-98	14.4	156
125	Dexamethasone regulation of matrix metalloproteinase expression in CNS vascular endothelium. <i>Brain</i> , <b>2000</b> , 123 ( Pt 4), 698-709	11.2	151

124	Changes in cytoskeletal and tight junctional proteins correlate with decreased permeability induced by dexamethasone in cultured rat brain endothelial cells. <i>Neuroscience Letters</i> , <b>2003</b> , 344, 112-6 <sup>3,3</sup>	147
123	SV40 large T immortalised cell lines of the rat blood-brain and blood-retinal barriers retain their phenotypic and immunological characteristics. <i>Journal of Neuroimmunology</i> , <b>1996</b> , 71, 51-63	143
122	Decreased TNF-alpha synthesis by macrophages restricts cutaneous immunosurveillance by memory CD4+ T cells during aging. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 1929-40	141
121	Phosphorylation of vascular endothelial cadherin controls lymphocyte emigration. <i>Journal of Cell Science</i> , <b>2008</b> , 121, 29-37	137
120	Reactive oxygen species enhance the migration of monocytes across the blood-brain barrier in vitro. <i>FASEB Journal</i> , <b>2001</b> , 15, 1852-4	127
119	Intracellular domain of brain endothelial intercellular adhesion molecule-1 is essential for T lymphocyte-mediated signaling and migration. <i>Journal of Immunology</i> , <b>2003</b> , 171, 2099-108	125
118	T-cell interaction with ICAM-1/ICAM-2 double-deficient brain endothelium in vitro: the cytoplasmic tail of endothelial ICAM-1 is necessary for transendothelial migration of T cells. <i>Blood</i> , <b>2003</b> , 102, 3675-83 <sup>2,2</sup>	120
117	Lymphocyte adhesion and transendothelial migration in the central nervous system: the role of LFA-1, ICAM-1, VLA-4 and VCAM-1. <i>off. Immunology</i> , <b>1995</b> , 86, 408-15	118
116	Permeability of the blood-brain barrier to the immunosuppressive cyclic peptide cyclosporin A. <i>Journal of Neurochemistry</i> , <b>1990</b> , 55, 1222-30	117
115	Inhibition of Rho GTPases with protein prenyltransferase inhibitors prevents leukocyte recruitment to the central nervous system and attenuates clinical signs of disease in an animal model of multiple sclerosis. <i>Journal of Immunology</i> , <b>2002</b> , 168, 4087-4094	101
114	Lymphocyte migration into the central nervous system: implication of ICAM-1 signalling at the blood-brain barrier. <i>Vascular Pharmacology</i> , <b>2002</b> , 38, 315-22	98
113	Mechanisms of blood-brain barrier breakdown. <i>Neuroradiology</i> , <b>1991</b> , 33, 95-100	96
112	Characterization of a rat retinal endothelial cell culture and the expression of P-glycoprotein in brain and retinal endothelium in vitro. <i>Journal of Neuroimmunology</i> , <b>1992</b> , 39, 123-32	94
111	Development and characterisation of a rat brain capillary endothelial culture: towards an in vitro blood-brain barrier. <i>Journal of Cell Science</i> , <b>1992</b> , 103 ( Pt 1), 23-37	85
110	Probing the biomechanical contribution of the endothelium to lymphocyte migration: diapedesis by the path of least resistance. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 3720-34	82
109	The RhoA activator GEF-H1/Lfc is a transforming growth factor-beta target gene and effector that regulates alpha-smooth muscle actin expression and cell migration. <i>Molecular Biology of the Cell</i> , <b>2010</b> , 21, 860-70	78
108	Expression of chemokines and their receptors by human brain endothelium: implications for multiple sclerosis. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2009</b> , 68, 227-40	77
107	Adrenomedullin regulates blood-brain barrier functions in vitro. <i>NeuroReport</i> , <b>2001</b> , 12, 4139-42	74

106	Genetic ablation of retinal pigment epithelial cells reveals the adaptive response of the epithelium and impact on photoreceptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 18728-33	11.5	72
105	Kinetics of thiamine transport across the blood-brain barrier in the rat. <i>Journal of Physiology</i> , <b>1982</b> , 327, 95-103	3.9	72
104	Dexamethasone regulation of P-glycoprotein activity in an immortalized rat brain endothelial cell line, GPNT. <i>Journal of Neurochemistry</i> , <b>1999</b> , 73, 1954-63	6	69
103	Interactions between brain endothelial cells and human T-cell leukemia virus type 1-infected lymphocytes: mechanisms of viral entry into the central nervous system. <i>Journal of Virology</i> , <b>2000</b> , 74, 6021-30	6.6	68
102	Differential apicobasal VEGF signaling at vascular blood-neural barriers. <i>Developmental Cell</i> , <b>2014</b> , 30, 541-52	10.2	67
101	Cytokine regulation of MCP-1 expression in brain and retinal microvascular endothelial cells. <i>Journal of Neuroimmunology</i> , <b>2003</b> , 142, 1-9	3.5	65
100	ICAM-1-mediated endothelial nitric oxide synthase activation via calcium and AMP-activated protein kinase is required for transendothelial lymphocyte migration. <i>Molecular Biology of the Cell</i> , <b>2009</b> , 20, 995-1005	3.5	64
99	Dopamine neurones form a discrete plexus with melanopsin cells in normal and degenerating retina. <i>Experimental Neurology</i> , <b>2007</b> , 205, 26-35	5.7	63
98	Suppression of autoimmune retinal disease by lovastatin does not require Th2 cytokine induction. <i>Journal of Immunology</i> , <b>2005</b> , 174, 2327-2335	5.3	63
97	Pharmacological targeting of ICAM-1 signaling in brain endothelial cells: potential for treating neuroinflammation. <i>Cellular and Molecular Neurobiology</i> , <b>2005</b> , 25, 153-70	4.6	59
96	Role of LFA-1, ICAM-1, VLA-4 and VCAM-1 in lymphocyte migration across retinal pigment epithelial monolayers in vitro. <i>Immunology</i> , <b>1996</b> , 88, 456-62	7.8	59
95	Methamphetamine-induced nitric oxide promotes vesicular transport in blood-brain barrier endothelial cells. <i>Neuropharmacology</i> , <b>2013</b> , 65, 74-82	5.5	58
94	Cerebral endothelial cells are a major source of adrenomedullin. <i>Journal of Neuroendocrinology</i> , <b>2002</b> , 14, 283-93	3.8	57
93	Sub-lytic C5b-9 induces functional changes in retinal pigment epithelial cells consistent with age-related macular degeneration. <i>Eye</i> , <b>2011</b> , 25, 1074-82	4.4	56
92	Factors controlling T-cell migration across rat cerebral endothelium in vitro. <i>Journal of Neuroimmunology</i> , <b>1997</b> , 75, 84-94	3.5	55
91	Statins in the treatment of central nervous system autoimmune disease. <i>Journal of Neuroimmunology</i> , <b>2006</b> , 178, 140-8	3.5	55
90	Motility and ramification of human fetal microglia in culture: an investigation using time-lapse video microscopy and image analysis. <i>Experimental Cell Research</i> , <b>2002</b> , 274, 68-82	4.2	55
89	Estrogen inhibits NF kappa B-dependent inflammation in brain endothelium without interfering with I kappa B degradation. <i>NeuroReport</i> , <b>2002</b> , 13, 1469-72	1.7	53

88	Annexin A2 regulates phagocytosis of photoreceptor outer segments in the mouse retina. <i>Molecular Biology of the Cell</i> , <b>2009</b> , 20, 3896-904	3.5	52
87	The effect of bile salts on the permeability and ultrastructure of the perfused, energy-depleted, rat blood-brain barrier. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1991</b> , 11, 644-54	7.3	48
86	Functions of lipid raft membrane microdomains at the blood-brain barrier. <i>Journal of Molecular Medicine</i> , <b>2009</b> , 87, 765-74	5.5	46
85	Basement membrane-dependent modification of phenotype and gene expression in human retinal pigment epithelial ARPE-19 cells. <i>Investigative Ophthalmology and Visual Science</i> , <b>2004</b> , 45, 2786-94		46
84	The effect of TNF-alpha and IL-6 on the permeability of the rat blood-retinal barrier in vivo. <i>Acta Neuropathologica</i> , <b>1996</b> , 91, 624-32	14.3	43
83	Blood-brain barrier in vitro models and their application in toxicology. The report and recommendations of ECVAM Workshop 49. <i>ATLA Alternatives To Laboratory Animals</i> , <b>2004</b> , 32, 37-50	2.1	42
82	Ultrastructural analysis of interleukin-1 beta-induced leukocyte recruitment to the rat retina. <i>Investigative Ophthalmology and Visual Science</i> , <b>1997</b> , 38, 25-35		42
81	Cross-linking of brain endothelial intercellular adhesion molecule (ICAM)-1 induces association of ICAM-1 with detergent-insoluble cytoskeletal fraction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2001</b> , 21, 810-6	9.4	36
80	Lymphocyte trafficking through the blood-brain barrier is dependent on endothelial cell heterotrimeric G-protein signaling. <i>FASEB Journal</i> , <b>2002</b> , 16, 1185-94	0.9	32
79	Interleukin-1 beta-induced disruption of the retinal vascular barrier of the central nervous system is mediated through leukocyte recruitment and histamine. <i>American Journal of Pathology</i> , <b>1997</b> , 150, 329-40	5.8	31
78	PECAM-1 engagement counteracts ICAM-1-induced signaling in brain vascular endothelial cells. <i>Journal of Neurochemistry</i> , <b>2007</b> , 103, 793-801	6	30
77	The vasculature of experimental brain tumours. Part 4. The quantification of vascular permeability. <i>Journal of the Neurological Sciences</i> , <b>1984</b> , 65, 59-68	3.2	29
76	Effect of lymphocytic infiltration on the blood-retinal barrier in experimental autoimmune uveoretinitis. <i>Clinical and Experimental Immunology</i> , <b>1992</b> , 88, 473-7	6.2	28
75	Maintenance of the integrity of the blood-brain barrier in the rat during an in situ saline-based perfusion. <i>Neuroscience Letters</i> , <b>1985</b> , 56, 223-7	3.3	28
74	Endothelial MAPKs Direct ICAM-1 Signaling to Divergent Inflammatory Functions. <i>Journal of Immunology</i> , <b>2017</b> , 198, 4074-4085	5.3	26
73	Ten years of progress in vaccination against cancer: the need to counteract cancer evasion by dual targeting in future therapies. <i>Cancer Immunology, Immunotherapy</i> , <b>2011</b> , 60, 1127-35	7.4	25
72	Antigen presentation by rat brain and retinal endothelial cells. <i>Journal of Neuroimmunology</i> , <b>1995</b> , 61, 231-9	3.5	25
71	The expression of retinal cell markers in human retinal pigment epithelial cells and their augmentation by the synthetic retinoid fenretinide. <i>Molecular Vision</i> , <b>2011</b> , 17, 1701-15	2.3	25

70	Retinal Pigment Epithelial Cells Mitigate the Effects of Complement Attack by Endocytosis of C5b-9. <i>Journal of Immunology</i> , <b>2015</b> , 195, 3382-9	5.3	24
69	Expression of G-protein subtypes in cultured cerebral endothelial cells. <i>Neurochemistry International</i> , <b>1998</b> , 33, 179-85	4.4	24
68	Preservation of visual cortical function following retinal pigment epithelium transplantation in the RCS rat using optical imaging techniques. <i>European Journal of Neuroscience</i> , <b>2007</b> , 25, 1940-8	3.5	24
67	Apelin is required for non-neovascular remodeling in the retina. <i>American Journal of Pathology</i> , <b>2012</b> , 180, 399-409	5.8	23
66	The fetal mouse metatarsal bone explant as a model of angiogenesis. <i>Nature Protocols</i> , <b>2015</b> , 10, 1459-738.8	3.8	22
65	Ezrin and moesin co-localise with ICAM-1 in brain endothelial cells but are not directly associated. <i>Molecular Brain Research</i> , <b>2002</b> , 105, 47-59		22
64	Lymphocyte migration through cultured endothelial cell monolayers derived from the blood-retinal barrier. <i>Immunology</i> , <b>1993</b> , 80, 401-6	7.8	22
63	The blood-retinal barrier in experimental autoimmune uveoretinitis (EAU): a review. <i>Current Eye Research</i> , <b>1992</b> , 11 Suppl, 25-32	2.9	21
62	Astrocytes, cerebral endothelium, and cell culture. The pursuit of an in vitro blood-brain barrier. <i>Annals of the New York Academy of Sciences</i> , <b>1991</b> , 633, 426-31	6.5	21
61	Hyperosmolar opening of the blood-brain barrier in the energy-depleted rat brain. Part 1. Permeability studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1988</b> , 8, 9-15	7.3	21
60	A Multifunctional Role of Leucine-Rich $\beta$ -Glycoprotein 1 in Cutaneous Wound Healing Under Normal and Diabetic Conditions. <i>Diabetes</i> , <b>2020</b> , 69, 2467-2480	0.9	21
59	Cyclic adenosine monophosphate regulates the expression of the intercellular adhesion molecule and the inducible nitric oxide synthase in brain endothelial cells. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2000</b> , 20, 688-99	7.3	20
58	Novel role of CD47 in rat microvascular endothelium: signaling and regulation of T-cell transendothelial migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 2566-76	9.4	19
57	Lymphocyte adhesion to cultured endothelial cells of the blood-retinal barrier. <i>Journal of Neuroimmunology</i> , <b>1993</b> , 48, 161-8	3.5	19
56	Constant illumination causes spatially discrete dopamine depletion in the normal and degenerate retina. <i>Journal of Chemical Neuroanatomy</i> , <b>2007</b> , 33, 9-22	3.2	18
55	How do statins control neuroinflammation?. <i>Inflammation Research</i> , <b>2003</b> , 52, 399-403	7.2	18
54	The effect of a metabolic inhibitor upon the properties of the cerebral vasculature during a whole-head saline perfusion of the rat. <i>Quarterly Journal of Experimental Physiology (Cambridge, England)</i> , <b>1987</b> , 72, 129-41		18
53	Threonine entry into rat brain after diet-induced changes in plasma amino acids. <i>Journal of Neurochemistry</i> , <b>1987</b> , 48, 1879-86	6	18

52	Complement factor H deficiency results in decreased neuroretinal expression of Cd59a in aged mice <b>2012</b> , 53, 6324-30		17
51	Complement Stimulates Retinal Pigment Epithelial Cells to Undergo Pro-Inflammatory Changes. <i>Ophthalmic Research</i> , <b>2015</b> , 54, 195-203	2.9	15
50	Immortalized human fetal retinal cells retain progenitor characteristics and represent a potential source for the treatment of retinal degenerative disease. <i>Cell Transplantation</i> , <b>2010</b> , 19, 1291-306	4	15
49	High resolution imaging of fluorescein patterns in RCS rat retinae and their direct correlation with histology. <i>Experimental Eye Research</i> , <b>2006</b> , 82, 164-71	3.7	15
48	Modulation of Sub-RPE deposits in vitro: a potential model for age-related macular degeneration. <i>Investigative Ophthalmology and Visual Science</i> , <b>2004</b> , 45, 1281-8		15
47	Lymphocyte migration across the anterior and posterior blood-retinal barrier in vitro. <i>Cellular Immunology</i> , <b>1996</b> , 168, 267-75	4.4	15
46	Comparison of the effects of some thiamine analogues upon thiamine transport across the blood-brain barrier of the rat. <i>Journal of Physiology</i> , <b>1985</b> , 369, 79-91	3.9	15
45	Applying causal models to explore the mechanism of action of simvastatin in progressive multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 11020-11027	11.5	13
44	Retinal changes precede visual dysfunction in the complement factor H knockout mouse. <i>PLoS ONE</i> , <b>2013</b> , 8, e68616	3.7	13
43	The effect of dexamethasone on vascular permeability of experimental brain tumours. <i>Acta Neuropathologica</i> , <b>1986</b> , 69, 288-94	14.3	13
42	The ORNATE India Project: United Kingdom-India Research Collaboration to tackle visual impairment due to diabetic retinopathy. <i>Eye</i> , <b>2020</b> , 34, 1279-1286	4.4	12
41	Temporal multi-omics identifies LRG1 as a vascular niche instructor of metastasis. <i>Science Translational Medicine</i> , <b>2021</b> , 13, eabe6805	17.5	11
40	In situ regeneration of retinal pigment epithelium by gene transfer of E2F2: a potential strategy for treatment of macular degenerations. <i>Gene Therapy</i> , <b>2017</b> , 24, 810-818	4	10
39	The effect of a low pH saline perfusate upon the integrity of the energy-depleted rat blood-brain barrier. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1989</b> , 9, 234-42	7.3	10
38	The transport of leucine and aminocyclopentanecarboxylate across the intact, energy-depleted rat blood-brain barrier. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1989</b> , 9, 226-33	7.3	10
37	Potential of statins for the treatment of multiple sclerosis. <i>Lancet Neurology</i> , <b>2003</b> , 2, 9-10	24.1	9
36	Experimental Manipulation of the Blood-Brain and Blood-Retinal Barriers. <i>Handbook of Experimental Pharmacology</i> , <b>1992</b> , 459-486	3.2	9
35	A Humanized Antibody against LRG1 that Inhibits Angiogenesis and Reduces Retinal Vascular Leakage		9

34	Dietary amino acid analogues and transport of lysine or valine across the blood-brain barrier in rats. <i>Journal of Nutrition</i> , <b>1988</b> , 118, 756-63	4.1	8
33	Inhibition of thiamine transport across the blood-brain barrier in the rat by a chemical analogue of the vitamin. <i>Journal of Physiology</i> , <b>1983</b> , 336, 479-86	3.9	8
32	Transport of thiamin across the blood-brain barrier of the rat in the absence of aerobic metabolism. <i>Brain Research</i> , <b>1986</b> , 399, 148-51	3.7	8
31	The "Neuro-Glial-Vascular" Unit: The Role of Glia in Neurovascular Unit Formation and Dysfunction. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 732820	5.7	8
30	Leucine-rich alpha-2-glycoprotein 1 (LRG1) as a novel ADC target. <i>RSC Chemical Biology</i> , <b>2021</b> , 2, 1206-1220		6
29	Regulation of retinal pigment epithelial cell phenotype by Annexin A8. <i>Scientific Reports</i> , <b>2017</b> , 7, 4638	4.9	5
28	LRG1: an emerging player in disease pathogenesis.. <i>Journal of Biomedical Science</i> , <b>2022</b> , 29, 6	13.3	5
27	Role of the vascular endothelium in immunologically mediated neurological diseases <b>1995</b> , 96-123		5
26	Small-molecule antagonist of VLA-4 (GW559090) attenuated neuro-inflammation by targeting Th17 cell trafficking across the blood-retinal barrier in experimental autoimmune uveitis. <i>Journal of Neuroinflammation</i> , <b>2021</b> , 18, 49	10.1	5
25	LRG1 Expression Is Elevated in the Eyes of Patients with Neovascular Age-Related Macular Degeneration. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
24	Strain specific variation in IFN-gamma inducible lymphocyte adhesion to rat brain endothelial cells. <i>Journal of Neuroimmunology</i> , <b>1998</b> , 91, 28-32	3.5	4
23	LRG1 destabilizes tumor vessels and restricts immunotherapeutic potency.. <i>Med</i> , <b>2021</b> , 2, 1231-1252.e10	31.7	4
22	TP1-11 MS-STAT2: a phase 3 trial of high dose simvastatin in secondary progressive multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2019</b> , 90, e13.1-e13	5.5	3
21	Annexin A8 regulates Wnt signaling to maintain the phenotypic plasticity of retinal pigment epithelial cells. <i>Scientific Reports</i> , <b>2020</b> , 10, 1256	4.9	3
20	LRG1 destabilizes tumor vessels and restricts immunotherapeutic potency		3
19	A supravital brain perfusion technique for the study of the blood-brain barrier: With Special Reference to Leucine Transport <b>1988</b> , 317-331		3
18	Development and characterization of immortalized cerebral endothelial cell lines. <i>Methods in Molecular Medicine</i> , <b>2003</b> , 89, 349-64		2
17	LRG1 as a novel therapeutic target in eye disease.. <i>Eye</i> , <b>2022</b> ,	4.4	2



16	Endothelial Protease Activated Receptor 1 (PAR1) Signalling Is Required for Lymphocyte Transmigration across Brain Microvascular Endothelial Cells. <i>Cells</i> , <b>2020</b> , 9,	7.9	2
15	The Blood-Retinal Barrier in Immune-Mediated Diseases of the Retina <b>1995</b> , 315-326		2
14	Regulation of C3 Activation by the Alternative Complement Pathway in the Mouse Retina. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161898	3.7	2
13	The vasculature of experimental brain tumours: angiogenesis, vascular pathology and permeability studies <b>1986</b> , 197-202		2
12	Functional Evaluation of AMD-Associated Risk Variants of Complement Factor B <b>2020</b> , 61, 19		1
11	Selective closure of the vascular bed of an experimental glioma model during in situ saline perfusion. <i>Neuropathology and Applied Neurobiology</i> , <b>1994</b> , 20, 448-53	5.2	1
10	CCL4 induces inflammatory signalling and barrier disruption in the neurovascular endothelium. <i>Brain, Behavior, &amp; Immunity - Health</i> , <b>2021</b> , 18, 100370	5.1	1
9	Application of mechanistic methods to clinical trials in multiple sclerosis: the simvastatin case		1
8	Therapeutic Validation of GEF-H1 Using a De Novo Designed Inhibitor in Models of Retinal Disease. <i>Cells</i> , <b>2022</b> , 11, 1733	7.9	1
7	Highlights of Children with Cancer UK's Workshop on Drug Delivery in Paediatric Brain Tumours. <i>Ecancermedicalscience</i> , <b>2016</b> , 10, 630	2.7	0
6	Angiopathic activity of LRG1 is induced by the IL-6/STAT3 pathway.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4867	4.9	0
5	Immune Retinal Vascular Disease. <i>Vascular Medicine Review</i> , <b>1995</b> , vmr-6, 227-240		
4	REPORT OF A MEETING THE THIRD ANNUAL BLOOD-BRAIN BARRIER CLUB SYMPOSIUM. <i>Neuropathology and Applied Neurobiology</i> , <b>1988</b> , 14, 89-89	5.2	
3	A Comparison of Lymphocyte Migration Across the Anterior and Posterior Blood-Retinal Barrier in Vitro. <i>Advances in Behavioral Biology</i> , <b>1996</b> , 245-251		
2	Development and Characterization of SV40 Large T Immortalized Endothelial Cells of the Rat Blood-Brain and Blood-Retinal Barriers. <i>Advances in Behavioral Biology</i> , <b>1996</b> , 285-292		
1	TGF-beta in ocular angiogenesis. <i>Acta Ophthalmologica</i> , <b>2014</b> , 92, 0-0	3.7	