

# Alan W Stitt

## List of Publications by Citations

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195  
papers

10,412  
citations

59  
h-index

95  
g-index

204  
ext. papers

11,918  
ext. citations

5.9  
avg, IF

6.41  
L-index

#	Paper	IF	Citations
195	The progress in understanding and treatment of diabetic retinopathy. <i>Progress in Retinal and Eye Research</i> , <b>2016</b> , 51, 156-86	20.5	449
194	Diabetic retinopathy: current understanding, mechanisms, and treatment strategies. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	374
193	The AGE inhibitor pyridoxamine inhibits development of retinopathy in experimental diabetes. <i>Diabetes</i> , <b>2002</b> , 51, 2826-32	0.9	295
192	Molecular identity and cellular distribution of advanced glycation endproduct receptors: relationship of p60 to OST-48 and p90 to 80K-H membrane proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 11047-52	11.5	291
191	Endothelial Progenitors: A Consensus Statement on Nomenclature. <i>Stem Cells Translational Medicine</i> , <b>2017</b> , 6, 1316-1320	6.9	243
190	Advanced glycation: an important pathological event in diabetic and age related ocular disease. <i>British Journal of Ophthalmology</i> , <b>2001</b> , 85, 746-53	5.5	239
189	Microvascular lesions of diabetic retinopathy: clues towards understanding pathogenesis?. <i>Eye</i> , <b>2009</b> , 23, 1496-508	4.4	228
188	Molecular analysis of endothelial progenitor cell (EPC) subtypes reveals two distinct cell populations with different identities. <i>BMC Medical Genomics</i> , <b>2010</b> , 3, 18	3.7	221
187	Neurodegeneration in diabetic retinopathy: does it really matter?. <i>Diabetologia</i> , <b>2018</b> , 61, 1902-1912	10.3	201
186	Constitutive nitric oxide synthase expression in retinal vascular endothelial cells is suppressed by high glucose and advanced glycation end products. <i>Diabetes</i> , <b>1998</b> , 47, 945-52	0.9	200
185	The role of advanced glycation in the pathogenesis of diabetic retinopathy. <i>Experimental and Molecular Pathology</i> , <b>2003</b> , 75, 95-108	4.4	177
184	Differentiation of human pluripotent stem cells to cells similar to cord-blood endothelial colony-forming cells. <i>Nature Biotechnology</i> , <b>2014</b> , 32, 1151-1157	44.5	164
183	Inhibition of tumor necrosis factor-alpha improves physiological angiogenesis and reduces pathological neovascularization in ischemic retinopathy. <i>American Journal of Pathology</i> , <b>2005</b> , 166, 637-44 <sup>58</sup>	5.8	156
182	The pathology associated with diabetic retinopathy. <i>Vision Research</i> , <b>2017</b> , 139, 7-14	2.1	151
181	AGEs and diabetic retinopathy <b>2010</b> , 51, 4867-74		145
180	AGEs, RAGE, and diabetic retinopathy. <i>Current Diabetes Reports</i> , <b>2011</b> , 11, 244-52	5.6	143
179	The role of advanced glycation end products in retinal microvascular leukostasis. <i>Investigative Ophthalmology and Visual Science</i> , <b>2003</b> , 44, 4457-64		141

178	Myeloid angiogenic cells act as alternative M2 macrophages and modulate angiogenesis through interleukin-8. <i>Molecular Medicine</i> , <b>2011</b> , 17, 1045-55	6.2	137
177	Arteriolar involvement in the microvascular lesions of diabetic retinopathy: implications for pathogenesis. <i>Microcirculation</i> , <b>2007</b> , 14, 25-38	2.9	135
176	Histological and ultrastructural investigation of retinal microaneurysm development in diabetic patients. <i>British Journal of Ophthalmology</i> , <b>1995</b> , 79, 362-7	5.5	129
175	Outgrowth endothelial cells: characterization and their potential for reversing ischemic retinopathy <b>2010</b> , 51, 5906-13		128
174	Hyperglycaemia-induced pro-inflammatory responses by retinal Müller glia are regulated by the receptor for advanced glycation end-products (RAGE). <i>Diabetologia</i> , <b>2010</b> , 53, 2656-66	10.3	126
173	Advances in our understanding of diabetic retinopathy. <i>Clinical Science</i> , <b>2013</b> , 125, 1-17	6.5	121
172	Increased Levels of Advanced Glycation Endproducts in the Lenses and Blood Vessels of Cigarette Smokers. <i>Molecular Medicine</i> , <b>1998</b> , 4, 594-601	6.2	114
171	Protection against methylglyoxal-derived AGEs by regulation of glyoxalase 1 prevents retinal neuroglial and vasodegenerative pathology. <i>Diabetologia</i> , <b>2012</b> , 55, 845-54	10.3	111
170	Retinopathy is reduced during experimental diabetes in a mouse model of outer retinal degeneration. <i>Investigative Ophthalmology and Visual Science</i> , <b>2006</b> , 47, 5561-8		108
169	The pathogenic role of Maillard reaction in the aging eye. <i>Amino Acids</i> , <b>2012</b> , 42, 1205-20	3.5	104
168	Identification of an IMPDH1 mutation in autosomal dominant retinitis pigmentosa (RP10) revealed following comparative microarray analysis of transcripts derived from retinas of wild-type and Rho(-/-) mice. <i>Human Molecular Genetics</i> , <b>2002</b> , 11, 547-57	5.6	104
167	Inhibition of platelet-derived growth factor promotes pericyte loss and angiogenesis in ischemic retinopathy. <i>American Journal of Pathology</i> , <b>2004</b> , 164, 1263-73	5.8	99
166	Impaired retinal angiogenesis in diabetes: role of advanced glycation end products and galectin-3. <i>Diabetes</i> , <b>2005</b> , 54, 785-94	0.9	97
165	Advanced glycation end products and diabetic complications. <i>Expert Opinion on Investigational Drugs</i> , <b>2002</b> , 11, 1205-23	5.9	94
164	Advanced glycation end products induce blood-retinal barrier dysfunction in normoglycemic rats. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 3, 380-8		94
163	Characterization of the advanced glycation end-product receptor complex in human vascular endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 256, 549-56	3.4	94
162	Confocal Raman microscopy can quantify advanced glycation end product (AGE) modifications in Bruch's membrane leading to accurate, nondestructive prediction of ocular aging. <i>FASEB Journal</i> , <b>2007</b> , 21, 3542-52	0.9	92
161	Homodimerization is essential for the receptor for advanced glycation end products (RAGE)-mediated signal transduction. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 23137-46	5.4	91

160	Nitric oxide synthase activity and expression in retinal capillary endothelial cells and pericytes. <i>Current Eye Research</i> , <b>1995</b> , 14, 285-94	2.9	89
159	Intervention with an erythropoietin-derived peptide protects against neuroglial and vascular degeneration during diabetic retinopathy. <i>Diabetes</i> , <b>2011</b> , 60, 2995-3005	0.9	88
158	Advanced glycation end products in vitreous: Structural and functional implications for diabetic vitreopathy. <i>Investigative Ophthalmology and Visual Science</i> , <b>1998</b> , 39, 2517-23		87
157	Müller glial dysfunction during diabetic retinopathy in rats is linked to accumulation of advanced glycation end-products and advanced lipoxidation end-products. <i>Diabetologia</i> , <b>2011</b> , 54, 690-8	10.3	86
156	The maillard reaction in eye diseases. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1043, 582-97	6.5	86
155	The role of advanced glycation end products in retinal ageing and disease. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2009</b> , 1790, 1109-16	4	85
154	Advanced glycation end products and diabetic retinopathy. <i>Current Medicinal Chemistry</i> , <b>2013</b> , 20, 3234-40	4.5	84
153	Activation of the ACE2/angiotensin-(1-7)/Mas receptor axis enhances the reparative function of dysfunctional diabetic endothelial progenitors. <i>Diabetes</i> , <b>2013</b> , 62, 1258-69	0.9	83
152	Inhibition of advanced glycation end-products protects against retinal capillary basement membrane expansion during long-term diabetes. <i>Journal of Pathology</i> , <b>2003</b> , 201, 328-33	9.4	78
151	Distribution of the receptor for advanced glycation end products in the human male reproductive tract: prevalence in men with diabetes mellitus. <i>Human Reproduction</i> , <b>2007</b> , 22, 2169-77	5.7	77
150	Atherogenesis and advanced glycation: promotion, progression, and prevention. <i>Annals of the New York Academy of Sciences</i> , <b>1997</b> , 811, 115-27; discussion 127-9	6.5	75
149	Chloroquine causes lysosomal dysfunction in neural retina and RPE: implications for retinopathy. <i>Current Eye Research</i> , <b>2004</b> , 28, 277-84	2.9	72
148	Advanced glycation end products accumulate in the reproductive tract of men with diabetes. <i>Journal of Developmental and Physical Disabilities</i> , <b>2009</b> , 32, 295-305		68
147	Expression of vascular endothelial growth factor (VEGF) and its receptors is regulated in eyes with intra-ocular tumours. <i>Journal of Pathology</i> , <b>1998</b> , 186, 306-12	9.4	67
146	The effect of the sulphoxide metabolite of triclabendazole ('Fasinex') on the tegument of mature and immature stages of the liver fluke, <i>Fasciola hepatica</i> . <i>Parasitology</i> , <b>1994</b> , 108 ( Pt 5), 555-67	2.7	67
145	Advanced glycation end product (AGE) accumulation on Bruch's membrane: links to age-related RPE dysfunction <b>2009</b> , 50, 441-51		65
144	Effect of antioxidants and ACE inhibition on chemical modification of proteins and progression of nephropathy in the streptozotocin diabetic rat. <i>Diabetologia</i> , <b>2004</b> , 47, 1385-95	10.3	65
143	Role of vascular endothelial growth factor and placental growth factors during retinal vascular development and hyaloid regression. <i>Investigative Ophthalmology and Visual Science</i> , <b>2003</b> , 44, 839-47		64

142	Fasciola hepatica: tegumental surface changes in adult and juvenile flukes following treatment in vitro with the sulphoxide metabolite of triclabendazole (Fasinex). <i>Zeitschrift für Parasitenkunde (Berlin, Germany)</i> , <b>1993</b> , 79, 529-36		63
141	The role of immune-related myeloid cells in angiogenesis. <i>Immunobiology</i> , <b>2013</b> , 218, 1370-5	3.4	61
140	Advanced glycation end products cause increased CCN family and extracellular matrix gene expression in the diabetic rodent retina. <i>Diabetologia</i> , <b>2007</b> , 50, 1089-98	10.3	60
139	Differential expression of renal AGE-receptor genes in NOD mice: possible role in nonobese diabetic renal disease. <i>Kidney International</i> , <b>2000</b> , 58, 1931-40	9.9	59
138	Expression of the VEGF gene family during retinal vaso-obliteration and hypoxia. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 262, 333-40	3.4	59
137	Vascular stem cells and ischaemic retinopathies. <i>Progress in Retinal and Eye Research</i> , <b>2011</b> , 30, 149-66	20.5	58
136	Diabetic retinopathy: quantitative variation in capillary basement membrane thickening in arterial or venous environments. <i>British Journal of Ophthalmology</i> , <b>1994</b> , 78, 133-7	5.5	57
135	Endothelial progenitor cells in diabetic retinopathy. <i>Frontiers in Endocrinology</i> , <b>2014</b> , 5, 44	5.7	56
134	Deep sequencing reveals predominant expression of miR-21 amongst the small non-coding RNAs in retinal microvascular endothelial cells. <i>Journal of Cellular Biochemistry</i> , <b>2012</b> , 113, 2098-111	4.7	56
133	Advanced glycation of fibronectin impairs vascular repair by endothelial progenitor cells: implications for vasodegeneration in diabetic retinopathy. <i>Investigative Ophthalmology and Visual Science</i> , <b>2008</b> , 49, 1232-41		54
132	Current understanding of the molecular and cellular pathology of diabetic retinopathy. <i>Nature Reviews Endocrinology</i> , <b>2021</b> , 17, 195-206	15.2	53
131	Inhibition of advanced glycation and absence of galectin-3 prevent blood-retinal barrier dysfunction during short-term diabetes. <i>Experimental Diabetes Research</i> , <b>2007</b> , 2007, 51837		52
130	Spermatogenesis and the fine structure of the mature spermatozoon of the liver fluke, <i>Fasciola hepatica</i> (Trematoda: Digenea). <i>Parasitology</i> , <b>1990</b> , 101 Pt 3, 395-407	2.7	51
129	Substrates modified by advanced glycation end-products cause dysfunction and death in retinal pericytes by reducing survival signals mediated by platelet-derived growth factor. <i>Diabetologia</i> , <b>2004</b> , 47, 1735-46	10.3	50
128	Role of the receptor for advanced glycation endproducts (RAGE) in retinal vasodegenerative pathology during diabetes in mice. <i>Diabetologia</i> , <b>2015</b> , 58, 1129-37	10.3	48
127	Selective loss of vascular smooth muscle cells in the retinal microcirculation of diabetic dogs. <i>British Journal of Ophthalmology</i> , <b>1994</b> , 78, 54-60	5.5	48
126	MicroRNA-199b Modulates Vascular Cell Fate During iPS Cell Differentiation by Targeting the Notch Ligand Jagged1 and Enhancing VEGF Signaling. <i>Stem Cells</i> , <b>2015</b> , 33, 1405-18	5.8	47
125	Multiplex analysis of age-related protein and lipid modifications in human Bruch's membrane. <i>FASEB Journal</i> , <b>2010</b> , 24, 4816-24	0.9	47

124	Intravitreal AAV2.COMP-Ang1 Prevents Neurovascular Degeneration in a Murine Model of Diabetic Retinopathy. <i>Diabetes</i> , <b>2015</b> , 64, 4247-59	0.9	44
123	Advanced glycation end-product receptor interactions on microvascular cells occur within caveolin-rich membrane domains. <i>FASEB Journal</i> , <b>2000</b> , 14, 2390-2	0.9	44
122	Bone marrow-CNS connections: implications in the pathogenesis of diabetic retinopathy. <i>Progress in Retinal and Eye Research</i> , <b>2012</b> , 31, 481-94	20.5	43
121	Ex vivo expansion of human outgrowth endothelial cells leads to IL-8-mediated replicative senescence and impaired vasoreparative function. <i>Stem Cells</i> , <b>2013</b> , 31, 1657-68	5.8	43
120	The pleiotropic effects of simvastatin on retinal microvascular endothelium has important implications for ischaemic retinopathies. <i>PLoS ONE</i> , <b>2008</b> , 3, e2584	3.7	43
119	Cathepsin S Cleavage of Protease-Activated Receptor-2 on Endothelial Cells Promotes Microvascular Diabetes Complications. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2016</b> , 27, 1635-49	12.7	42
118	Natural history of age-related retinal lesions that precede AMD in mice fed high or low glycemic index diets <b>2012</b> , 53, 622-32		42
117	Endothelin-like immunoreactivity and receptor binding in the choroid and retina. <i>Current Eye Research</i> , <b>1996</b> , 15, 111-7	2.9	42
116	Lipoprotein-associated phospholipase A2 (Lp-PLA2) as a therapeutic target to prevent retinal vasopermeability during diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 7213-8	11.5	40
115	Epigenetic Changes in Endothelial Progenitors as a Possible Cellular Basis for Glycemic Memory in Diabetic Vascular Complications. <i>Journal of Diabetes Research</i> , <b>2015</b> , 2015, 436879	3.9	39
114	Induction of alloxan/streptozotocin diabetes in dogs: a revised experimental technique. <i>Laboratory Animals</i> , <b>1993</b> , 27, 281-5	2.6	39
113	Evidence supporting a role for N-(3-formyl-3,4-dehydropiperidino)lysine accumulation in Müller glia dysfunction and death in diabetic retinopathy. <i>Molecular Vision</i> , <b>2010</b> , 16, 2524-38	2.3	39
112	The role of placental growth factor (PlGF) and its receptor system in retinal vascular diseases. <i>Progress in Retinal and Eye Research</i> , <b>2019</b> , 69, 116-136	20.5	38
111	Quaking Is a Key Regulator of Endothelial Cell Differentiation, Neovascularization, and Angiogenesis. <i>Stem Cells</i> , <b>2017</b> , 35, 952-966	5.8	36
110	Fasciola hepatica: disruption of the vitelline cells in vitro by the sulphoxide metabolite of triclabendazole. <i>Parasitology Research</i> , <b>1996</b> , 82, 333-9	2.4	35
109	Spermatogenesis in Fasciola hepatica: an ultrastructural comparison of the effects of the anthelmintic, thiabendazole (Fasinex) and the microtubule inhibitor, tubulozole. <i>Invertebrate Reproduction and Development</i> , <b>1992</b> , 22, 139-150	0.7	35
108	Advanced glycation and advanced lipoxidation: possible role in initiation and progression of diabetic retinopathy. <i>Current Pharmaceutical Design</i> , <b>2004</b> , 10, 3349-60	3.3	35
107	A new advanced glycation inhibitor, LR-90, prevents experimental diabetic retinopathy in rats. <i>British Journal of Ophthalmology</i> , <b>2008</b> , 92, 545-7	5.5	34

106	Rod photoreceptor loss in Rho-/- mice reduces retinal hypoxia and hypoxia-regulated gene expression. <i>Investigative Ophthalmology and Visual Science</i> , <b>2006</b> , 47, 5553-60		34
105	Murine model of autosomal dominant retinitis pigmentosa generated by targeted deletion at codon 307 of the rds-peripherin gene. <i>Human Molecular Genetics</i> , <b>2002</b> , 11, 1005-16	5.6	34
104	Effect of signal intensity normalization on the multivariate analysis of spectral data in complex real-world datasets. <i>Journal of Raman Spectroscopy</i> , <b>2009</b> , 40, 429-435	2.3	32
103	Gremlin gene expression in bovine retinal pericytes exposed to elevated glucose. <i>British Journal of Ophthalmology</i> , <b>2005</b> , 89, 1638-42	5.5	32
102	Synthetic peptides interacting with the 67-kd laminin receptor can reduce retinal ischemia and inhibit hypoxia-induced retinal neovascularization. <i>American Journal of Pathology</i> , <b>2002</b> , 160, 307-13	5.8	31
101	Characterisation of the advanced glycation endproduct receptor complex in the retinal pigment epithelium. <i>British Journal of Ophthalmology</i> , <b>2005</b> , 89, 107-12	5.5	29
100	Localisation of actin in the liver fluke, <i>Fasciola hepatica</i> . <i>Zeitschrift für Parasitenkunde (Berlin, Germany)</i> , <b>1992</b> , 78, 96-102		29
99	MicroRNA-containing extracellular vesicles released from endothelial colony-forming cells modulate angiogenesis during ischaemic retinopathy. <i>Journal of Cellular and Molecular Medicine</i> , <b>2017</b> , 21, 3405-3419	5.6	28
98	Phenotype-based Discovery of 2-[(E)-2-(Quinolin-2-yl)vinyl]phenol as a Novel Regulator of Ocular Angiogenesis. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 7242-55	5.4	28
97	Angiogenic potential of vitreous from Proliferative Diabetic Retinopathy and Eales' Disease patients. <i>PLoS ONE</i> , <b>2014</b> , 9, e107551	3.7	28
96	The effect of triclabendazole ("Fasinex") on protein synthesis by the liver fluke, <i>Fasciola hepatica</i> . <i>International Journal for Parasitology</i> , <b>1995</b> , 25, 421-9	4.3	28
95	Involvement of MAPKs in endostatin-mediated regulation of blood-retinal barrier function. <i>Current Eye Research</i> , <b>2006</b> , 31, 1033-45	2.9	27
94	Diabetic retinopathy: morphometric analysis of basement membrane thickening of capillaries in different retinal layers within arterial and venous environments. <i>British Journal of Ophthalmology</i> , <b>1995</b> , 79, 1120-3	5.5	26
93	The Vasoreparative Potential of Endothelial Colony Forming Cells: A Journey Through Pre-clinical Studies. <i>Frontiers in Medicine</i> , <b>2018</b> , 5, 273	4.9	26
92	Claudin-5 Redistribution Induced by Inflammation Leads to Anti-VEGF-Resistant Diabetic Macular Edema. <i>Diabetes</i> , <b>2020</b> , 69, 981-999	0.9	25
91	Kv1.5 is a major component underlying the A-type potassium current in retinal arteriolar smooth muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H1001-8	5.2	25
90	The expression of membrane-associated 67-kDa laminin receptor (67LR) is modulated in vitro by cell-contact inhibition. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 3, 53-9		25
89	The 67-kd laminin receptor is preferentially expressed by proliferating retinal vessels in a murine model of ischemic retinopathy. <i>American Journal of Pathology</i> , <b>1998</b> , 152, 1359-65	5.8	25

88	Evaluation of N (epsilon)-(3-Formyl-3,4-dehydropiperidino)lysine as a novel biomarker for the severity of diabetic retinopathy. <i>Diabetologia</i> , <b>2008</b> , 51, 1723-30	10.3	24
87	Raman spectroscopy of advanced glycation end products (AGEs), possible markers for progressive retinal dysfunction. <i>Journal of Raman Spectroscopy</i> , <b>2008</b> , 39, 1635-1642	2.3	24
86	Endostatin modulates VEGF-mediated barrier dysfunction in the retinal microvascular endothelium. <i>Experimental Eye Research</i> , <b>2005</b> , 81, 22-31	3.7	24
85	Therapeutic revascularisation of ischaemic tissue: the opportunities and challenges for therapy using vascular stem/progenitor cells. <i>Stem Cell Research and Therapy</i> , <b>2012</b> , 3, 31	8.3	23
84	Sclera as a surrogate marker for determining AGE-modifications in Bruch's membrane using a Raman spectroscopy-based index of aging <b>2011</b> , 52, 1593-8		23
83	Prevention of retinal capillary basement membrane thickening in diabetic dogs by a non-steroidal anti-inflammatory drug. <i>Diabetologia</i> , <b>2003</b> , 46, 1269-75	10.3	23
82	Preclinical Evaluation and Optimization of a Cell Therapy Using Human Cord Blood-Derived Endothelial Colony-Forming Cells for Ischemic Retinopathies. <i>Stem Cells Translational Medicine</i> , <b>2018</b> , 7, 59-67	6.9	23
81	Posterior drug delivery via periocular route: challenges and opportunities. <i>Therapeutic Delivery</i> , <b>2017</b> , 8, 685-699	3.8	22
80	Endothelial progenitors as tools to study vascular disease. <i>Stem Cells International</i> , <b>2012</b> , 2012, 346735	5	22
79	IL-33 deficiency causes persistent inflammation and severe neurodegeneration in retinal detachment. <i>Journal of Neuroinflammation</i> , <b>2019</b> , 16, 251	10.1	22
78	Advanced glycation and retinal pathology during diabetes. <i>Pharmacological Reports</i> , <b>2005</b> , 57 Suppl, 156-68	3.8	22
77	Animal Models of Retinal Vein Occlusion <b>2017</b> , 58, 6175-6192		20
76	Retinal endothelial cell apoptosis stimulates recruitment of endothelial progenitor cells <b>2009</b> , 50, 4967-73		20
75	Upregulation of oxidative stress markers in human microvascular endothelial cells by complexes of serum albumin and digestion products of glycated casein. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2009</b> , 23, 364-72	3.4	20
74	Advanced glycation as a basis for understanding retinal aging and noninvasive risk prediction. <i>Annals of the New York Academy of Sciences</i> , <b>2008</b> , 1126, 59-65	6.5	20
73	Increased endocytosis in retinal vascular endothelial cells grown in high glucose medium is modulated by inhibitors of nonenzymatic glycosylation. <i>Diabetologia</i> , <b>1995</b> , 38, 1271-5	10.3	20
72	Differences in mouse models of diabetes mellitus in studies of male reproduction. <i>Journal of Developmental and Physical Disabilities</i> , <b>2010</b> , 33, 709-16		19
71	Expression of the 67 kDa laminin receptor (67LR) during retinal development: correlations with angiogenesis. <i>Experimental Eye Research</i> , <b>2001</b> , 73, 81-92	3.7	19



70	Differential modulation of angiogenesis by erythropoiesis-stimulating agents in a mouse model of ischaemic retinopathy. <i>PLoS ONE</i> , <b>2010</b> , 5, e11870	3.7	18
69	Protein expression profiling during chick retinal maturation: a proteomics-based approach. <i>Proteome Science</i> , <b>2008</b> , 6, 34	2.6	18
68	Endothelial cell-derived pentraxin 3 limits the vasoreparative therapeutic potential of circulating angiogenic cells. <i>Cardiovascular Research</i> , <b>2016</b> , 112, 677-688	9.9	18
67	Sources of PDGF expression in murine retina and the effect of short-term diabetes. <i>Molecular Vision</i> , <b>2003</b> , 9, 665-72	2.3	18
66	RAGE regulates immune cell infiltration and angiogenesis in choroidal neovascularization. <i>PLoS ONE</i> , <b>2014</b> , 9, e89548	3.7	17
65	Retinal and choroidal responses to panretinal photocoagulation: an ultrastructural perspective. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>1995</b> , 233, 699-705	3.8	17
64	Ocular wounding prevents pre-retinal neovascularization and upregulates PEDF expression in the inner retina. <i>Molecular Vision</i> , <b>2004</b> , 10, 432-8	2.3	17
63	Advanced glycation of the Arg-Gly-Asp (RGD) tripeptide motif modulates retinal microvascular endothelial cell dysfunction. <i>Molecular Vision</i> , <b>2009</b> , 15, 1509-20	2.3	15
62	Advanced glycation endproduct modified basement membrane attenuates endothelin-1 induced [Ca <sup>2+</sup> ] <sub>i</sub> signalling and contraction in retinal microvascular pericytes. <i>Molecular Vision</i> , <b>2004</b> , 10, 996-1004	2.3	15
61	Proteomic profiling of human retinal pigment epithelium exposed to an advanced glycation-modified substrate. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2012</b> , 250, 349-59	3.8	14
60	Diabetes-related adduct formation and retinopathy. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , <b>2011</b> , 4, 10-8		14
59	Fasciola hepatica: the effect of the microfilament inhibitor cytochalasin B on the ultrastructure of the adult fluke. <i>Zeitschrift für Parasitenkunde (Berlin, Germany)</i> , <b>1991</b> , 77, 675-85		14
58	Fasciola hepatica: the effect of the microtubule inhibitors colchicine and tubulozole-C on the ultrastructure of the adult fluke. <i>Parasitology</i> , <b>1993</b> , 107 ( Pt 3), 297-309	2.7	14
57	Proteomic profiling of the retinal dysplasia and degeneration chick retina. <i>Molecular Vision</i> , <b>2010</b> , 16, 7-17	2.3	14
56	The vasoreparative potential of endothelial colony-forming cells in the ischemic retina is enhanced by cibinetide, a non-hematopoietic erythropoietin mimetic. <i>Experimental Eye Research</i> , <b>2019</b> , 182, 144-155	3.7	13
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