

Peter A Campochiaro

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

280 papers	23,822 citations	82 h-index	145 g-index
287 ext. papers	26,524 ext. citations	7.4 avg, IF	6.78 L-index

#	Paper	IF	Citations
280	Angiopoietin-2 is required for postnatal angiogenesis and lymphatic patterning, and only the latter role is rescued by Angiopoietin-1. <i>Developmental Cell</i> , 2002 , 3, 411-23	10.2	811
279	A large genome-wide association study of age-related macular degeneration highlights contributions of rare and common variants. <i>Nature Genetics</i> , 2016 , 48, 134-43	36.3	769
278	Ranibizumab for macular edema following branch retinal vein occlusion: six-month primary end point results of a phase III study. <i>Ophthalmology</i> , 2010 , 117, 1102-1112.e1	7.3	625
277	Ranibizumab for macular edema following central retinal vein occlusion: six-month primary end point results of a phase III study. <i>Ophthalmology</i> , 2010 , 117, 1124-1133.e1	7.3	612
276	Seven new loci associated with age-related macular degeneration. <i>Nature Genetics</i> , 2013 , 45, 433-9, 439e1-3	16.3	577
275	Cell type-specific regulation of angiogenic growth factor gene expression and induction of angiogenesis in nonischemic tissue by a constitutively active form of hypoxia-inducible factor 1. <i>Circulation Research</i> , 2003 , 93, 1074-81	15.7	499
274	Genetic variants near TIMP3 and high-density lipoprotein-associated loci influence susceptibility to age-related macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 7401-6	11.5	417
273	Sustained benefits from ranibizumab for macular edema following central retinal vein occlusion: twelve-month outcomes of a phase III study. <i>Ophthalmology</i> , 2011 , 118, 2041-9	7.3	377
272	Sustained benefits from ranibizumab for macular edema following branch retinal vein occlusion: 12-month outcomes of a phase III study. <i>Ophthalmology</i> , 2011 , 118, 1594-602	7.3	358
271	Genome-wide association study of advanced age-related macular degeneration identifies a role of the hepatic lipase gene (LIPC). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 7395-400	11.5	345
270	Ranibizumab for macular edema due to retinal vein occlusions: long-term follow-up in the HORIZON trial. <i>Ophthalmology</i> , 2012 , 119, 802-9	7.3	323
269	Antioxidants reduce cone cell death in a model of retinitis pigmentosa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 11300-5	11.5	321
268	Retinal and choroidal neovascularization. <i>Journal of Cellular Physiology</i> , 2000 , 184, 301-10	7	315
267	Vascular endothelial growth factor is a critical stimulus for diabetic macular edema. <i>American Journal of Ophthalmology</i> , 2006 , 142, 961-9	4.9	302
266	Blockade of vascular endothelial cell growth factor receptor signaling is sufficient to completely prevent retinal neovascularization. <i>American Journal of Pathology</i> , 2000 , 156, 697-707	5.8	301
265	Pigment epithelium-derived factor inhibits retinal and choroidal neovascularization. <i>Journal of Cellular Physiology</i> , 2001 , 188, 253-63	7	298
264	Long-term benefit of sustained-delivery fluocinolone acetonide vitreous inserts for diabetic macular edema. <i>Ophthalmology</i> , 2011 , 118, 626-635.e2	7.3	288

263	Adenoviral vector-delivered pigment epithelium-derived factor for neovascular age-related macular degeneration: results of a phase I clinical trial. <i>Human Gene Therapy</i> , 2006 , 17, 167-76	4.8	286
262	Targeted disruption of the FGF2 gene does not prevent choroidal neovascularization in a murine model. <i>American Journal of Pathology</i> , 1998 , 153, 1641-6	5.8	279
261	Primary End Point (Six Months) Results of the Ranibizumab for Edema of the mAcula in diabetes (READ-2) study. <i>Ophthalmology</i> , 2009 , 116, 2175-81.e1	7.3	272
260	Molecular pathogenesis of retinal and choroidal vascular diseases. <i>Progress in Retinal and Eye Research</i> , 2015 , 49, 67-81	20.5	268
259	Ranibizumab for macular edema due to retinal vein occlusions: implication of VEGF as a critical stimulator. <i>Molecular Therapy</i> , 2008 , 16, 791-9	11.7	253
258	A rare penetrant mutation in CFH confers high risk of age-related macular degeneration. <i>Nature Genetics</i> , 2011 , 43, 1232-6	36.3	251
257	Ocular neovascularization. <i>Journal of Molecular Medicine</i> , 2013 , 91, 311-21	5.5	244
256	Oxidative damage is a potential cause of cone cell death in retinitis pigmentosa. <i>Journal of Cellular Physiology</i> , 2005 , 203, 457-64	7	238
255	Long-term outcomes in patients with retinal vein occlusion treated with ranibizumab: the RETAIN study. <i>Ophthalmology</i> , 2014 , 121, 209-219	7.3	225
254	Intravitreal sustained release of VEGF causes retinal neovascularization in rabbits and breakdown of the blood-retinal barrier in rabbits and primates. <i>Experimental Eye Research</i> , 1997 , 64, 505-17	3.7	220
253	Pigment epithelium-derived factor suppresses ischemia-induced retinal neovascularization and VEGF-induced migration and growth. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 821-9		216
252	VEGF-TRAP(R1R2) suppresses choroidal neovascularization and VEGF-induced breakdown of the blood-retinal barrier. <i>Journal of Cellular Physiology</i> , 2003 , 195, 241-8	7	214
251	Common variants near FRK/COL10A1 and VEGFA are associated with advanced age-related macular degeneration. <i>Human Molecular Genetics</i> , 2011 , 20, 3699-709	5.6	205
250	Antioxidants slow photoreceptor cell death in mouse models of retinitis pigmentosa. <i>Journal of Cellular Physiology</i> , 2007 , 213, 809-15	7	197
249	Toll-like receptor 3 and geographic atrophy in age-related macular degeneration. <i>New England Journal of Medicine</i> , 2008 , 359, 1456-63	59.2	180
248	MicroRNAs regulate ocular neovascularization. <i>Molecular Therapy</i> , 2008 , 16, 1208-16	11.7	179
247	Vascular endothelial growth factor promotes progressive retinal nonperfusion in patients with retinal vein occlusion. <i>Ophthalmology</i> , 2013 , 120, 795-802	7.3	165
246	AAV-mediated gene transfer of pigment epithelium-derived factor inhibits choroidal neovascularization. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 1994-2000		165

245	Angiopoietin-2 plays an important role in retinal angiogenesis. <i>Journal of Cellular Physiology</i> , 2002 , 192, 182-7	7	164
244	Intravitreal aflibercept for macular edema following branch retinal vein occlusion: the 24-week results of the VIBRANT study. <i>Ophthalmology</i> , 2015 , 122, 538-44	7.3	160
243	Dramatic inhibition of retinal and choroidal neovascularization by oral administration of a kinase inhibitor. <i>American Journal of Pathology</i> , 1999 , 154, 1743-53	5.8	156
242	Supplemental oxygen improves diabetic macular edema: a pilot study. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 617-24		151
241	Inducible expression of vascular endothelial growth factor in adult mice causes severe proliferative retinopathy and retinal detachment. <i>American Journal of Pathology</i> , 2002 , 160, 711-9	5.8	149
240	Role of hypoxia and extracellular matrix-integrin binding in the modulation of angiogenic growth factors secretion by retinal pigmented epithelial cells. <i>Journal of Cellular Biochemistry</i> , 1999 , 74, 135-143	4.7	147
239	Cloning and characterization of a human beta,beta-carotene-15,15'-dioxygenase that is highly expressed in the retinal pigment epithelium. <i>Genomics</i> , 2001 , 72, 193-202	4.3	143
238	Angiopoietin 2 expression in the retina: upregulation during physiologic and pathologic neovascularization. <i>Journal of Cellular Physiology</i> , 2000 , 184, 275-84	7	141
237	The mechanism of cone cell death in Retinitis Pigmentosa. <i>Progress in Retinal and Eye Research</i> , 2018 , 62, 24-37	20.5	140
236	Intravitreal Aflibercept for Macular Edema Following Branch Retinal Vein Occlusion: 52-Week Results of the VIBRANT Study. <i>Ophthalmology</i> , 2016 , 123, 330-336	7.3	140
235	Targeting VE-PTP activates TIE2 and stabilizes the ocular vasculature. <i>Journal of Clinical Investigation</i> , 2014 , 124, 4564-76	15.9	140
234	Inhibition of choroidal neovascularization by intravenous injection of adenoviral vectors expressing secretable endostatin. <i>American Journal of Pathology</i> , 2001 , 159, 313-20	5.8	138
233	A functional variant in the CFI gene confers a high risk of age-related macular degeneration. <i>Nature Genetics</i> , 2013 , 45, 813-7	36.3	134
232	Neutralization of vascular endothelial growth factor slows progression of retinal nonperfusion in patients with diabetic macular edema. <i>Ophthalmology</i> , 2014 , 121, 1783-9	7.3	130
231	The Port Delivery System with Ranibizumab for Neovascular Age-Related Macular Degeneration: Results from the Randomized Phase 2 Ladder Clinical Trial. <i>Ophthalmology</i> , 2019 , 126, 1141-1154	7.3	128
230	Blood-retinal barrier (BRB) breakdown in experimental autoimmune uveoretinitis: comparison with vascular endothelial growth factor, tumor necrosis factor alpha, and interleukin-1beta-mediated breakdown. <i>Journal of Neuroscience Research</i> , 1997 , 49, 268-80	4.4	127
229	Intravitreal injection of AAV2-sFLT01 in patients with advanced neovascular age-related macular degeneration: a phase 1, open-label trial. <i>Lancet, The</i> , 2017 , 390, 50-61	40	124
228	Sustained ocular delivery of fluocinolone acetonide by an intravitreal insert. <i>Ophthalmology</i> , 2010 , 117, 1393-9.e3	7.3	122

227	Combined phacoemulsification, intraocular lens implantation, and vitrectomy for eyes with coexisting cataract and vitreoretinal pathology. <i>American Journal of Ophthalmology</i> , 2003 , 135, 291-6	4.9	122
226	Regression of ocular neovascularization in response to increased expression of pigment epithelium-derived factor. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 2428-34		120
225	Lentiviral Vector Gene Transfer of Endostatin/Angiostatin for Macular Degeneration (GEM) Study. <i>Human Gene Therapy</i> , 2017 , 28, 99-111	4.8	119
224	The SDF-1/CXCR4 ligand/receptor pair is an important contributor to several types of ocular neovascularization. <i>FASEB Journal</i> , 2007 , 21, 3219-30	0.9	119
223	Reduction of diabetic macular edema by oral administration of the kinase inhibitor PKC412. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 922-31		119
222	A phase I trial of an IV-administered vascular endothelial growth factor trap for treatment in patients with choroidal neovascularization due to age-related macular degeneration. <i>Ophthalmology</i> , 2006 , 113, 1522.e1-1522.e14	7.3	114
221	Increased expression of brain-derived neurotrophic factor preserves retinal function and slows cell death from rhodopsin mutation or oxidative damage. <i>Journal of Neuroscience</i> , 2003 , 23, 4164-72	6.6	114
220	Cellular mechanisms of blood-retinal barrier dysfunction in macular edema. <i>Documenta Ophthalmologica</i> , 1999 , 97, 217-28	2.2	114
219	Sustained delivery fluocinolone acetonide vitreous implants: long-term benefit in patients with chronic diabetic macular edema. <i>Ophthalmology</i> , 2014 , 121, 1892-903	7.3	109
218	Intraocular expression of endostatin reduces VEGF-induced retinal vascular permeability, neovascularization, and retinal detachment. <i>FASEB Journal</i> , 2003 , 17, 896-8	0.9	108
217	Topical nepafenac inhibits ocular neovascularization. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 409-15		108
216	Retinal pigment epithelial cells produce PDGF-like proteins and secrete them into their media. <i>Experimental Eye Research</i> , 1989 , 49, 217-27	3.7	103
215	NADPH oxidase plays a central role in cone cell death in retinitis pigmentosa. <i>Journal of Neurochemistry</i> , 2009 , 110, 1028-37	6	100
214	Oxidative stress promotes ocular neovascularization. <i>Journal of Cellular Physiology</i> , 2009 , 219, 544-52	7	99
213	Increased expression of catalase and superoxide dismutase 2 reduces cone cell death in retinitis pigmentosa. <i>Molecular Therapy</i> , 2009 , 17, 778-86	11.7	93
212	Different effects of angiopoietin-2 in different vascular beds: new vessels are most sensitive. <i>FASEB Journal</i> , 2005 , 19, 963-5	0.9	92
211	Aqueous levels of fluocinolone acetonide after administration of fluocinolone acetonide inserts or fluocinolone acetonide implants. <i>Ophthalmology</i> , 2013 , 120, 583-587	7.3	90
210	Digoxin inhibits retinal ischemia-induced HIF-1alpha expression and ocular neovascularization. <i>FASEB Journal</i> , 2010 , 24, 1759-67	0.9	88

209	Oxidative stress modulates complement factor H expression in retinal pigmented epithelial cells by acetylation of FOXO3. <i>Journal of Biological Chemistry</i> , 2007 , 282, 22414-25	5.4	88
208	Treatment of diabetic macular edema with a designed ankyrin repeat protein that binds vascular endothelial growth factor: a phase I/II study. <i>American Journal of Ophthalmology</i> , 2013 , 155, 697-704, 704.e1-2	4.9	86
207	Lysosomal-mediated waste clearance in retinal pigment epithelial cells is regulated by CRYBA1/A3/A1-crystallin via V-ATPase-MTORC1 signaling. <i>Autophagy</i> , 2014 , 10, 480-96	10.2	84
206	Effects of different types of oxidative stress in RPE cells. <i>Journal of Cellular Physiology</i> , 2006 , 206, 119-25		84
205	Vasohibin is up-regulated by VEGF in the retina and suppresses VEGF receptor 2 and retinal neovascularization. <i>FASEB Journal</i> , 2006 , 20, 723-5	0.9	84
204	Basic fibroblast growth factor is neither necessary nor sufficient for the development of retinal neovascularization. <i>American Journal of Pathology</i> , 1998 , 153, 757-65	5.8	84
203	Implication of the hypoxia response element of the Vegf promoter in mouse models of retinal and choroidal neovascularization, but not retinal vascular development. <i>Journal of Cellular Physiology</i> , 2006 , 206, 749-58	7	83
202	Periocular gene transfer of sFlt-1 suppresses ocular neovascularization and vascular endothelial growth factor-induced breakdown of the blood-retinal barrier. <i>Human Gene Therapy</i> , 2003 , 14, 129-41	4.8	83
201	Genetic and functional dissection of HTRA1 and LOC387715 in age-related macular degeneration. <i>PLoS Genetics</i> , 2010 , 6, e1000836	6	82
200	Comparison between retinal thickness analyzer and optical coherence tomography for assessment of foveal thickness in eyes with macular disease. <i>American Journal of Ophthalmology</i> , 2002 , 134, 240-51	4.9	82
199	A phase I study of intravitreal vascular endothelial growth factor trap-eye in patients with neovascular age-related macular degeneration. <i>Ophthalmology</i> , 2009 , 116, 2141-8.e1	7.3	81
198	Is There Excess Oxidative Stress and Damage in Eyes of Patients with Retinitis Pigmentosa?. <i>Antioxidants and Redox Signaling</i> , 2015 , 23, 643-8	8.4	80
197	Hyperoxia causes decreased expression of vascular endothelial growth factor and endothelial cell apoptosis in adult retina. <i>Journal of Cellular Physiology</i> , 1999 , 179, 149-56	7	80
196	Identification of gene expression changes associated with the progression of retinal degeneration in the rd1 mouse. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 2929-42		79
195	Quantitative assessment of the integrity of the blood-retinal barrier in mice. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 2462-7		79
194	Scatter Photocoagulation Does Not Reduce Macular Edema or Treatment Burden in Patients with Retinal Vein Occlusion: The RELATE Trial. <i>Ophthalmology</i> , 2015 , 122, 1426-37	7.3	78
193	Blockade of sphingosine-1-phosphate reduces macrophage influx and retinal and choroidal neovascularization. <i>Journal of Cellular Physiology</i> , 2009 , 218, 192-8	7	78
192	Corneal endothelial cell matrix promotes expression of differentiated features of retinal pigmented epithelial cells: implication of laminin and basic fibroblast growth factor as active components. <i>Experimental Eye Research</i> , 1993 , 57, 539-47	3.7	78

191	Analysis of the VMD2 promoter and implication of E-box binding factors in its regulation. <i>Journal of Biological Chemistry</i> , 2004 , 279, 19064-73	5.4	77
190	Nitric oxide is proangiogenic in the retina and choroid. <i>Journal of Cellular Physiology</i> , 2002 , 191, 116-24	7	77
189	Retinal degeneration from oxidative damage. <i>Free Radical Biology and Medicine</i> , 2006 , 40, 660-9	7.8	76
188	The iron carrier transferrin is upregulated in retinas from patients with age-related macular degeneration. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 2135-40		76
187	Increased expression of VEGF in retinal pigmented epithelial cells is not sufficient to cause choroidal neovascularization. <i>Journal of Cellular Physiology</i> , 2004 , 201, 393-400	7	76
186	Periocular injection of microspheres containing PKC412 inhibits choroidal neovascularization in a porcine model. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 4989-93		76
185	Enhanced Benefit in Diabetic Macular Edema from AKB-9778 Tie2 Activation Combined with Vascular Endothelial Growth Factor Suppression. <i>Ophthalmology</i> , 2016 , 123, 1722-1730	7.3	75
184	ADAM9 is involved in pathological retinal neovascularization. <i>Molecular and Cellular Biology</i> , 2009 , 29, 2694-703	4.8	74
183	Anti-Vascular Endothelial Growth Factor Agents in the Treatment of Retinal Disease: From Bench to Bedside. <i>Ophthalmology</i> , 2016 , 123, S78-S88	7.3	73
182	Constituents of bile, bilirubin and TUDCA, protect against oxidative stress-induced retinal degeneration. <i>Journal of Neurochemistry</i> , 2011 , 116, 144-53	6	72
181	N-Acetylcysteine promotes long-term survival of cones in a model of retinitis pigmentosa. <i>Journal of Cellular Physiology</i> , 2011 , 226, 1843-9	7	72
180	Increased expression of glutathione peroxidase 4 strongly protects retina from oxidative damage. <i>Antioxidants and Redox Signaling</i> , 2009 , 11, 715-24	8.4	72
179	Suppression and regression of choroidal neovascularization by systemic administration of an alpha5beta1 integrin antagonist. <i>Molecular Pharmacology</i> , 2006 , 69, 1820-8	4.3	72
178	Angiopoietin-2 enhances retinal vessel sensitivity to vascular endothelial growth factor. <i>Journal of Cellular Physiology</i> , 2004 , 199, 412-7	7	72
177	Photoreceptor-specific expression of platelet-derived growth factor-B results in traction retinal detachment. <i>American Journal of Pathology</i> , 2000 , 157, 995-1005	5.8	72
176	Fibroblast growth factor-2 decreases hyperoxia-induced photoreceptor cell death in mice. <i>American Journal of Pathology</i> , 2001 , 159, 1113-20	5.8	72
175	Superoxide dismutase 1 protects retinal cells from oxidative damage. <i>Journal of Cellular Physiology</i> , 2006 , 208, 516-26	7	71
174	Long-term outcomes in ranibizumab-treated patients with retinal vein occlusion; the role of progression of retinal nonperfusion. <i>American Journal of Ophthalmology</i> , 2013 , 156, 693-705	4.9	70

173	Suppression and regression of choroidal neovascularization by the multitargeted kinase inhibitor pazopanib. <i>JAMA Ophthalmology</i> , 2009 , 127, 494-9		67
172	Treatment of diabetic macular edema with an inhibitor of vascular endothelial-protein tyrosine phosphatase that activates Tie2. <i>Ophthalmology</i> , 2015 , 122, 545-54	7.3	63
171	Overexpression of SOD in retina: need for increase in H ₂ O ₂ -detoxifying enzyme in same cellular compartment. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 1347-54	7.8	63
170	Periocular gene transfer of pigment epithelium-derived factor inhibits choroidal neovascularization in a human-sized eye. <i>Human Gene Therapy</i> , 2005 , 16, 473-8	4.8	63
169	Neurotrophic signaling in normal and degenerating rodent retinas. <i>Experimental Eye Research</i> , 2001 , 73, 693-701	3.7	62
168	Mammalian homolog of Drosophila retinal degeneration B rescues the mutant fly phenotype. <i>Journal of Neuroscience</i> , 1997 , 17, 5881-90	6.6	61
167	Blockade of neuronal nitric oxide synthase reduces cone cell death in a model of retinitis pigmentosa. <i>Free Radical Biology and Medicine</i> , 2008 , 45, 905-12	7.8	60
166	Ocular neovascularisation and excessive vascular permeability. <i>Expert Opinion on Biological Therapy</i> , 2004 , 4, 1395-402	5.4	60
165	Antagonism of vascular endothelial growth factor for macular edema caused by retinal vein occlusions: two-year outcomes. <i>Ophthalmology</i> , 2010 , 117, 2387-2394.e1-5	7.3	59
164	Topical administration of a multi-targeted kinase inhibitor suppresses choroidal neovascularization and retinal edema. <i>Journal of Cellular Physiology</i> , 2008 , 216, 29-37	7	59
163	AAV8-vectored suprachoroidal gene transfer produces widespread ocular transgene expression. <i>Journal of Clinical Investigation</i> , 2019 , 129, 4901-4911	15.9	59
162	Injury-independent induction of reactive gliosis in retina by loss of function of the LIM homeodomain transcription factor Lhx2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 4657-62	11.5	58
161	Combretastatin A-4 phosphate suppresses development and induces regression of choroidal neovascularization. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 3650-5		58
160	Monitoring ocular drug therapy by analysis of aqueous samples. <i>Ophthalmology</i> , 2009 , 116, 2158-64	7.3	57
159	TNF-alpha is critical for ischemia-induced leukostasis, but not retinal neovascularization nor VEGF-induced leakage. <i>Journal of Neuroimmunology</i> , 2007 , 182, 73-9	3.5	57
158	In vivo micropathology of Best macular dystrophy with optical coherence tomography. <i>Experimental Eye Research</i> , 2003 , 76, 203-11	3.7	57
157	Isoforms of platelet-derived growth factor and its receptors in epiretinal membranes: immunolocalization to retinal pigmented epithelial cells. <i>Experimental Eye Research</i> , 1995 , 60, 607-19	3.7	57
156	Prolonged blockade of VEGF family members does not cause identifiable damage to retinal neurons or vessels. <i>Journal of Cellular Physiology</i> , 2008 , 217, 13-22	7	56

155	In vivo immunostaining demonstrates macrophages associate with growing and regressing vessels. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4335-41		56
154	Expression and permeation properties of the K(+) channel Kir7.1 in the retinal pigment epithelium. <i>Journal of Physiology</i> , 2001 , 531, 329-46	3.9	56
153	Monthly versus as-needed ranibizumab injections in patients with retinal vein occlusion: the SHORE study. <i>Ophthalmology</i> , 2014 , 121, 2432-42	7.3	54
152	Intraocular injection of an aptamer that binds PDGF-B: a potential treatment for proliferative retinopathies. <i>Journal of Cellular Physiology</i> , 2006 , 207, 407-12	7	53
151	Differential sensitivity of cones to iron-mediated oxidative damage. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 438-45		53
150	Mecamylamine suppresses Basal and nicotine-stimulated choroidal neovascularization. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 1705-11		50
149	Identification of novel genes preferentially expressed in the retina using a custom human retina cDNA microarray. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 3732-41		50
148	Class III beta-tubulin in human retinal pigment epithelial cells in culture and in epiretinal membranes. <i>Experimental Eye Research</i> , 1995 , 60, 385-400	3.7	50
147	Pro-permeability Factors in Diabetic Macular Edema; the Diabetic Macular Edema Treated With Ozurdex Trial. <i>American Journal of Ophthalmology</i> , 2016 , 168, 13-23	4.9	50
146	Anti-vascular endothelial growth factor treatment for retinal vein occlusions. <i>Ophthalmologica</i> , 2012 , 227 Suppl 1, 30-5	3.7	49
145	Retina-specific expression of PDGF-B versus PDGF-A: vascular versus nonvascular proliferative retinopathy. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 2001-6		49
144	Delivery from episcleral explants. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 4532-9		48
143	Cytokine production by retinal pigmented epithelial cells. <i>International Review of Cytology</i> , 1993 , 146, 75-82		48
142	Sustained delivery of a HIF-1 antagonist for ocular neovascularization. <i>Journal of Controlled Release</i> , 2013 , 172, 625-33	11.7	47
141	Deficiency of neuropilin 2 suppresses VEGF-induced retinal neovascularization. <i>Molecular Medicine</i> , 2004 , 10, 12-8	6.2	47
140	Changes in Retinal Nonperfusion Associated with Suppression of Vascular Endothelial Growth Factor in Retinal Vein Occlusion. <i>Ophthalmology</i> , 2016 , 123, 625-34.e1	7.3	46
139	Neurotrophic factors, cytokines and stress increase expression of basic fibroblast growth factor in retinal pigmented epithelial cells. <i>Experimental Eye Research</i> , 1997 , 64, 865-73	3.7	46
138	Antagonism of PDGF-BB suppresses subretinal neovascularization and enhances the effects of blocking VEGF-A. <i>Angiogenesis</i> , 2014 , 17, 553-62	10.6	45

137	Cell injury unmasks a latent proangiogenic phenotype in mice with increased expression of FGF2 in the retina. <i>Journal of Cellular Physiology</i> , 2000 , 185, 135-42	7	45
136	Targeting Tie2 for Treatment of Diabetic Retinopathy and Diabetic Macular Edema. <i>Current Diabetes Reports</i> , 2016 , 16, 126	5.6	43
135	Phase I Trial of Anti-Vascular Endothelial Growth Factor/Anti-angiopoietin 2 Bispecific Antibody RG7716 for Neovascular Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , 2017 , 1, 474-485	3.8	42
134	Ocular gene transfer with self-complementary AAV vectors. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 3324-8		42
133	Inhibition of protein kinase C decreases prostaglandin-induced breakdown of the blood-retinal barrier. <i>Journal of Cellular Physiology</i> , 2003 , 195, 210-9	7	42
132	Eye pain after vitreoretinal surgery: a prospective study of 185 patients. <i>Retina</i> , 2001 , 21, 627-32	3.6	42
131	Human retinal pigment epithelial cells possess muscarinic receptors coupled to calcium mobilization. <i>Brain Research</i> , 1988 , 446, 11-6	3.7	42
130	Long-term suppression of ocular neovascularization by intraocular injection of biodegradable polymeric particles containing a serpin-derived peptide. <i>Biomaterials</i> , 2013 , 34, 7544-51	15.6	41
129	Dominant inheritance of optic pits. <i>American Journal of Ophthalmology</i> , 1997 , 124, 112-3	4.9	41
128	Development of prodrug 4-chloro-3-(5-methyl-3-[[4-(2-pyrrolidin-1-ylethoxy)phenyl]amino]-1,2,4-benzotriazin-7-yl)phenyl benzoate (TG100801): a topically administered therapeutic candidate in clinical trials for the treatment of age-related macular degeneration. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 1546-59	8.3	41
127	Angiopoietin 1 prevents retinal detachment in an aggressive model of proliferative retinopathy, but has no effect on established neovascularization. <i>Journal of Cellular Physiology</i> , 2005 , 204, 227-35	7	41
126	Long-term Effects of Intravitreal 0.19 mg Fluocinolone Acetonide Implant on Progression and Regression of Diabetic Retinopathy. <i>Ophthalmology</i> , 2017 , 124, 440-449	7.3	39
125	Suprachoroidal Triamcinolone Acetonide for Retinal Vein Occlusion: Results of the Tanzanite Study. <i>Ophthalmology Retina</i> , 2018 , 2, 320-328	3.8	39
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