

Josef Flammer

List of Publications by Citations

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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.

249 papers	11,281 citations	55 h-index	97 g-index
262 ext. papers	12,491 ext. citations	4.1 avg, IF	6.26 L-index

#	Paper	IF	Citations
249	The impact of ocular blood flow in glaucoma. <i>Progress in Retinal and Eye Research</i> , 2002 , 21, 359-93	20.5	1178
248	Choroidal capillary and venous congestion in central serous chorioretinopathy. <i>American Journal of Ophthalmology</i> , 1996 , 121, 26-34	4.9	453
247	Vasospasm, its role in the pathogenesis of diseases with particular reference to the eye. <i>Progress in Retinal and Eye Research</i> , 2001 , 20, 319-49	20.5	292
246	Optic nerve blood-flow abnormalities in glaucoma. <i>Progress in Retinal and Eye Research</i> , 1998 , 17, 267-89	20.5	262
245	The vascular concept of glaucoma. <i>Survey of Ophthalmology</i> , 1994 , 38 Suppl, S3-6	6.1	261
244	Differential light threshold. Short- and long-term fluctuation in patients with glaucoma, normal controls, and patients with suspected glaucoma. <i>JAMA Ophthalmology</i> , 1984 , 102, 704-6		218
243	The eye and the heart. <i>European Heart Journal</i> , 2013 , 34, 1270-8	9.5	211
242	What is the present pathogenetic concept of glaucomatous optic neuropathy?. <i>Survey of Ophthalmology</i> , 2007 , 52 Suppl 2, S162-73	6.1	195
241	Blood-cell velocity in the nailfold capillaries of patients with normal-tension and high-tension glaucoma. <i>American Journal of Ophthalmology</i> , 1991 , 111, 585-8	4.9	194
240	Blood-flow velocities of the extraocular vessels in patients with high-tension and normal-tension primary open-angle glaucoma. <i>American Journal of Ophthalmology</i> , 1997 , 123, 320-7	4.9	193
239	Relationship between ocular perfusion pressure and retrobulbar blood flow in patients with glaucoma with progressive damage. <i>American Journal of Ophthalmology</i> , 2000 , 130, 597-605	4.9	181
238	The primary vascular dysregulation syndrome: implications for eye diseases. <i>EPMA Journal</i> , 2013 , 4, 14	8.8	178
237	The vascular endothelium as a regulator of the ocular circulation: a new concept in ophthalmology?. <i>Survey of Ophthalmology</i> , 1994 , 39, 123-32	6.1	167
236	Blood flow in glaucoma. <i>Current Opinion in Ophthalmology</i> , 2005 , 16, 79-83	5.1	164
235	What is the link between vascular dysregulation and glaucoma?. <i>Survey of Ophthalmology</i> , 2007 , 52 Suppl 2, S144-54	6.1	157
234	Rate of progression of glaucoma correlates with retrobulbar circulation and intraocular pressure. <i>American Journal of Ophthalmology</i> , 2003 , 135, 664-9	4.9	149
233	Vascular Dysregulation. <i>Journal of Glaucoma</i> , 1999 , 8, 212-219	2.1	146

232	Systemic blood pressure in glaucoma patients. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 1993 , 231, 677-80	3.8	123
231	A sick eye in a sick body? Systemic findings in patients with primary open-angle glaucoma. <i>Survey of Ophthalmology</i> , 2006 , 51, 179-212	6.1	122
230	Influence of age on the visual fields of normal subjects. <i>American Journal of Ophthalmology</i> , 1986 , 101, 199-203	4.9	120
229	Endothelin-1 plasma levels in normal-tension glaucoma: abnormal response to postural changes. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 1995 , 233, 484-8	3.8	119
228	The effects of antiglaucoma and systemic medications on ocular blood flow. <i>Progress in Retinal and Eye Research</i> , 2003 , 22, 769-805	20.5	118
227	New insights in the pathogenesis and treatment of normal tension glaucoma. <i>Current Opinion in Pharmacology</i> , 2013 , 13, 43-9	5.1	113
226	Influence of vasospasm on visual function. <i>Documenta Ophthalmologica</i> , 1987 , 66, 3-18	2.2	110
225	Differential light threshold in automated static perimetry. Factors influencing short-term fluctuation. <i>JAMA Ophthalmology</i> , 1984 , 102, 876-9		110
224	Autoregulation, a balancing act between supply and demand. <i>Canadian Journal of Ophthalmology</i> , 2008 , 43, 317-21	1.4	109
223	Oxygen and blood flow: players in the pathogenesis of glaucoma. <i>Molecular Vision</i> , 2008 , 14, 224-33	2.3	109
222	Potential role of nitric oxide and endothelin in the pathogenesis of glaucoma. <i>Survey of Ophthalmology</i> , 1999 , 43 Suppl 1, S51-8	6.1	103
221	Thermoregulatory effects of melatonin in relation to sleepiness. <i>Chronobiology International</i> , 2006 , 23, 475-84	3.6	99
220	The concept of visual field indices. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 1986 , 224, 389-92	3.8	93
219	Cerebrospinal fluid exchange in the optic nerve in normal-tension glaucoma. <i>British Journal of Ophthalmology</i> , 2012 , 96, 544-8	5.5	92
218	Immunohistochemical localization of angiotensin-converting enzyme, angiotensin II and AT1 receptor in human ocular tissues. <i>Ophthalmic Research</i> , 2004 , 36, 312-20	2.9	79
217	Cold feet and prolonged sleep-onset latency in vasospastic syndrome. <i>Lancet, The</i> , 2001 , 358, 125-6	40	78
216	Endothelium-dependent vasoactive modulation in the ocular circulation. <i>Progress in Retinal and Eye Research</i> , 2001 , 20, 209-25	20.5	77
215	Localization of nitric oxide synthase isoforms in porcine ocular tissues. <i>Current Eye Research</i> , 1999 , 18, 375-80	2.9	77

214	Extraocular blood flow and endothelin-1 plasma levels in patients with multiple sclerosis. <i>European Neurology</i> , 2003 , 49, 164-8	2.1	76
213	Influence of betaxolol and timolol on the visual fields of patients with glaucoma. <i>American Journal of Ophthalmology</i> , 1991 , 112, 678-81	4.9	75
212	Blood-flow velocities in the extraocular vessels in normal volunteers. <i>American Journal of Ophthalmology</i> , 1996 , 122, 364-70	4.9	69
211	Optic nerve sheath diameter in normal-tension glaucoma patients. <i>British Journal of Ophthalmology</i> , 2012 , 96, 53-6	5.5	68
210	Interocular difference in progression of glaucoma correlates with interocular differences in retrobulbar circulation. <i>American Journal of Ophthalmology</i> , 2000 , 129, 728-33	4.9	67
209	Increased endothelin-1 plasma levels in patients with multiple sclerosis. <i>Journal of Neuro-Ophthalmology</i> , 2001 , 21, 37-8	2.6	67
208	What are the biomarkers for glaucoma?. <i>Survey of Ophthalmology</i> , 2007 , 52 Suppl 2, S155-61	6.1	65
207	Quantifying visual field damage caused by cataract. <i>American Journal of Ophthalmology</i> , 1988 , 106, 480-4	4.9	64
206	Does the blood-brain barrier play a role in Glaucoma?. <i>Survey of Ophthalmology</i> , 2007 , 52 Suppl 2, S115-21	4.1	62
205	The pathogenesis of optic disc splinter haemorrhages: a new hypothesis. <i>Acta Ophthalmologica</i> , 2006 , 84, 62-8		62
204	Physiology of perfusion as it relates to the optic nerve head. <i>Survey of Ophthalmology</i> , 1999 , 43 Suppl 1, S17-26	6.1	62
203	Retrobulbar blood flow in glaucoma patients with nocturnal over-dipping in systemic blood pressure. <i>American Journal of Ophthalmology</i> , 2001 , 132, 641-7	4.9	61
202	The influence of magnesium on visual field and peripheral vasospasm in glaucoma. <i>Ophthalmologica</i> , 1995 , 209, 11-3	3.7	60
201	Analysis of retinal vasodilation after flicker light stimulation in relation to vasospastic propensity. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 4034-41		57
200	Choroidal vascular reaction to hand-grip stress in subjects with vasospasm and its relevance in glaucoma. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 1573-80		57
199	Increased expression of matrix metalloproteinases in mononuclear blood cells of normal-tension glaucoma patients. <i>Journal of Glaucoma</i> , 2004 , 13, 66-72	2.1	57
198	Retinal venous pressure: the role of endothelin. <i>EPMA Journal</i> , 2015 , 6, 21	8.8	56
197	Retinal vasospasm during an attack of migraine. <i>Retina</i> , 2003 , 23, 253-4	3.6	56

196	Is there more to glaucoma treatment than lowering IOP?. <i>Survey of Ophthalmology</i> , 2007 , 52 Suppl 2, S174-9	6.1	55
195	Altered gene expression in lymphocytes of patients with normal-tension glaucoma. <i>Current Eye Research</i> , 2000 , 21, 867-76	2.9	54
194	Thermal discomfort with cold extremities in relation to age, gender, and body mass index in a random sample of a Swiss urban population. <i>Population Health Metrics</i> , 2010 , 8, 17	3	51
193	Body Mass Index in Glaucoma. <i>Journal of Glaucoma</i> , 1999 , 8, 877-11	2.1	50
192	Longterm visual field follow-up of glaucoma patients treated with beta-blockers. <i>Survey of Ophthalmology</i> , 1994 , 38 Suppl, S156-9; discussion S160	6.1	50
191	Retinal vein occlusions: The potential impact of a dysregulation of the retinal veins. <i>EPMA Journal</i> , 2010 , 1, 253-261	8.8	49
190	Silent myocardial ischemia in glaucoma and cataract patients. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1996 , 234, 595-8	3.8	49
189	Lens opacity meter: a new instrument to quantify lens opacity. <i>Ophthalmologica</i> , 1987 , 195, 69-72	3.7	48
188	Absolute rate constants for the quenching of reactive excited states by melanin and related 5,6-dihydroxyindole metabolites: implications for their antioxidant activity. <i>Photochemistry and Photobiology</i> , 2000 , 71, 524-33	3.6	48
187	The discovery of the Flammer syndrome: a historical and personal perspective. <i>EPMA Journal</i> , 2017 , 8, 75-97	8.8	47
186	Circumferential viscocanalostomy and suture canal distension (canaloplasty) for whites with open-angle glaucoma. <i>Journal of Glaucoma</i> , 2011 , 20, 298-302	2.1	46
185	Ocular pulse amplitude is reduced in patients with advanced retinitis pigmentosa. <i>British Journal of Ophthalmology</i> , 2001 , 85, 678-82	5.5	46
184	Relationship between ocular pulse amplitude and systemic blood pressure measurements. <i>Acta Ophthalmologica</i> , 2009 , 87, 329-34	3.7	45
183	Inverse correlation between endothelin-1-induced peripheral microvascular vasoconstriction and blood pressure in glaucoma patients. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1997 , 235, 634-8	3.8	45
182	Reduced thirst in patients with a vasospastic syndrome. <i>Acta Ophthalmologica</i> , 2004 , 82, 738-40		45
181	Silent myocardial ischemia in glaucoma patients. <i>Ophthalmologica</i> , 1993 , 207, 6-7	3.7	45
180	Retinitis pigmentosa and ocular blood flow. <i>EPMA Journal</i> , 2012 , 3, 17	8.8	44
179	Sildenafil induces retinal vasodilatation in healthy subjects. <i>British Journal of Ophthalmology</i> , 2002 , 86, 156-8	5.5	44

178	Expression of connective tissue growth factor (CTGF) mRNA in plaques of human anterior subcapsular cataracts and membranes of posterior capsule opacification. <i>Current Eye Research</i> , 2000 , 21, 627-636	2.9	43
177	Effects of calcium channel blockers on the response to endothelin-1, bradykinin and sodium nitroprusside in porcine ciliary arteries. <i>Experimental Eye Research</i> , 1995 , 60, 505-10	3.7	43
176	Predictive molecular profiling in blood of healthy vasospastic individuals: clue to targeted prevention as personalised medicine to effective costs. <i>EPMA Journal</i> , 2010 , 1, 263-72	8.8	42
175	Does immunohistochemistry allow easy detection of lymphatics in the optic nerve sheath?. <i>Journal of Histochemistry and Cytochemistry</i> , 2008 , 56, 1087-92	3.4	41
174	Retinal vessel oxygen saturation and its correlation with structural changes in retinitis pigmentosa. <i>Acta Ophthalmologica</i> , 2014 , 92, 454-60	3.7	40
173	Cold extremities and difficulties initiating sleep: evidence of co-morbidity from a random sample of a Swiss urban population. <i>Journal of Sleep Research</i> , 2008 , 17, 420-6	5.8	39
172	Relationship between retinal glial cell activation in glaucoma and vascular dysregulation. <i>Journal of Glaucoma</i> , 2007 , 16, 215-9	2.1	39
171	Individualised patient profile: clinical utility of Flammer syndrome phenotype and general lessons for predictive, preventive and personalised medicine. <i>EPMA Journal</i> , 2018 , 9, 15-20	8.8	37
170	Elevated plasma endothelin-1 levels and vascular dysregulation in patients with rheumatoid arthritis. <i>Medical Science Monitor</i> , 2002 , 8, CR616-9	3.2	37
169	Choroidal blood flow response to isometric exercise in glaucoma patients and patients with ocular hypertension 2011 , 52, 7068-73		35
168	Meningothelial cells react to elevated pressure and oxidative stress. <i>PLoS ONE</i> , 2011 , 6, e20142	3.7	35
167	Variability in the measurement of corneal temperature using a noncontact infrared thermometer. <i>Ophthalmologica</i> , 1999 , 213, 345-9	3.7	35
166	Postoperative microhyphema as a positive prognostic indicator in canaloplasty. <i>Acta Ophthalmologica</i> , 2013 , 91, 151-6	3.7	34
165	Is open-angle glaucoma caused by impaired cerebrospinal fluid circulation: around the optic nerve?. <i>Clinical and Experimental Ophthalmology</i> , 2008 , 36, 308-11	2.4	34
164	Plasma citrate levels as a potential biomarker for glaucoma. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2011 , 27, 577-80	2.6	33
163	Is corneal temperature correlated with blood-flow velocity in the ophthalmic artery?. <i>Current Eye Research</i> , 1999 , 19, 496-501	2.9	33
162	Modulation of Heidelberg Retinal Flowmeter parameter flow at the papilla of healthy subjects: effect of carbogen, oxygen, high intraocular pressure, and beta-blockers. <i>Survey of Ophthalmology</i> , 1999 , 43 Suppl 1, S59-65	6.1	33
161	The learning and fatigue effect in automated perimetry. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1991 , 229, 501-4	3.8	33

160	Is the medication used to achieve the target intraocular pressure in glaucoma therapy of relevance?--an exemplary analysis on the basis of two beta-blockers. <i>Progress in Retinal and Eye Research</i> , 2010 , 29, 79-93	20.5	32
159	Key molecular pathways affected by glaucoma pathology: is predictive diagnosis possible?. <i>EPMA Journal</i> , 2010 , 1, 237-44	8.8	31
158	Vascular dysregulation in the choroid of subjects with acral vasospasm. <i>JAMA Ophthalmology</i> , 2002 , 120, 302-7		29
157	Diurnal blood pressure variations are associated with changes in distal-proximal skin temperature gradient. <i>Chronobiology International</i> , 2012 , 29, 1273-83	3.6	28
156	On pulse-wave propagation in the ocular circulation. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 4019-25		28
155	Fluctuation of the differential light threshold at the border of absolute scotomas. Comparison between glaucomatous visual field defects and blind spots. <i>Ophthalmology</i> , 1991 , 98, 1529-32	7.3	28
154	Diurnal and menstrual cycles in body temperature are regulated differently: a 28-day ambulatory study in healthy women with thermal discomfort of cold extremities and controls. <i>Chronobiology International</i> , 2014 , 31, 102-13	3.6	27
153	Vasospastic persons exhibit differential expression of ABC-transport proteins. <i>Molecular Vision</i> , 2003 , 9, 756-61	2.3	27
152	L-PGDS (betatrace protein) inhibits astrocyte proliferation and mitochondrial ATP production in vitro. <i>Journal of Molecular Neuroscience</i> , 2009 , 39, 366-71	3.3	26
151	Effect of carbogen, oxygen and intraocular pressure on Heidelberg retina flowmeter parameter 'flow' measured at the papilla. <i>Ophthalmologica</i> , 1998 , 212, 149-52	3.7	26
150	Influence of pindolol and timolol treatment on the visual fields of glaucoma patients. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1986 , 2, 305-11	2.6	26
149	Vasospastic individuals demonstrate significant similarity to glaucoma patients as revealed by gene expression profiling in circulating leukocytes. <i>Molecular Vision</i> , 2009 , 15, 2339-48	2.3	26
148	Quality control of oxidatively damaged mitochondrial proteins is mediated by p97 and the proteasome. <i>Free Radical Biology and Medicine</i> , 2014 , 75, 121-8	7.8	25
147	Mitochondrial function in neuronal cells depends on p97/VCP/Cdc48-mediated quality control. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 16	6.1	25
146	Phase relationship between skin temperature and sleep-wake rhythms in women with vascular dysregulation and controls under real-life conditions. <i>Chronobiology International</i> , 2010 , 27, 1778-96	3.6	25
145	Modulation of endothelin-1-induced contractions by magnesium/calcium in porcine ciliary arteries. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1998 , 236, 47-51	3.8	25
144	A novel perspective on natural therapeutic approaches in glaucoma therapy. <i>Expert Opinion on Emerging Drugs</i> , 2007 , 12, 195-8	3.7	25
143	Asymmetry in intraocular pressure and retinal nerve fiber layer thickness in normal-tension glaucoma. <i>Ophthalmologica</i> , 1999 , 213, 219-23	3.7	25

- 142 Short-term retinal vessel diameter variability in relation to the history of cold extremities. *Investigative Ophthalmology and Visual Science*, **2006**, 47, 4026-33 24
- 141 Relationship between blood flow velocities in retrobulbar vessels and laser Doppler flowmetry at the optic disk in glaucoma patients. *Ophthalmologica*, **1999**, 213, 145-9 3.7 24
- 140 Psychological characteristics of patients with normal-tension glaucoma. *Graefers Archive for Clinical and Experimental Ophthalmology*, **1999**, 237, 753-7 3.8 24
- 139 Reliability of confocal choroidal laser Doppler flowmetry. *Investigative Ophthalmology and Visual Science*, **2002**, 43, 723-8 24
- 138 Rigidity of retinal vessel in untreated eyes of normal tension primary open-angle glaucoma patients. *Journal of Glaucoma*, **2011**, 20, 303-6 2.1 23
- 137 Vasoactive responses of U46619, PGF2alpha, latanoprost, and travoprost in isolated porcine ciliary arteries. *Investigative Ophthalmology and Visual Science*, **2006**, 47, 295-8 23
- 136 Effect of timolol on anterior optic nerve blood flow in patients with primary open-angle glaucoma as assessed by the Heidelberg retina flowmeter. *Journal of Glaucoma*, **2001**, 10, 13-7 2.1 22
- 135 Abnormalities of microcirculation in glaucoma: facts and hints. *Current Opinion in Ophthalmology*, **1998**, 9, 50-5 5.1 22
- 134 Increase of the short-term fluctuation of the differential light threshold around a physiologic scotoma. *American Journal of Ophthalmology*, **1989**, 107, 417-20 4.9 22
- 133 Residual vision activation and the brain-eye-vascular triad: Dysregulation, plasticity and restoration in low vision and blindness - a review. *Restorative Neurology and Neuroscience*, **2018**, 36, 767-791 2.8 22
- 132 Adrenomedullin-induced endothelium-dependent relaxation in porcine ciliary arteries. *Investigative Ophthalmology and Visual Science*, **2003**, 44, 3961-6 21
- 131 Increased endothelin-1 plasma levels in giant cell arteritis: a report on four patients. *American Journal of Ophthalmology*, **2002**, 133, 160-2 4.9 21
- 130 The psychology of the glaucoma patient. *Current Opinion in Ophthalmology*, **1998**, 9, 65-70 5.1 21
- 129 Influence of Acquisition Parameters on Hemodynamic Measurements with the Heidelberg Retina Flowmeter at the Optic Disc. *Journal of Glaucoma*, **1998**, 7, 151-157 2.1 21
- 128 Fludrocortisone in the treatment of systemic hypotension in primary open-angle glaucoma patients. *International Ophthalmology*, **1999**, 23, 25-30 2.2 21
- 127 Thirty-Month Visual Field Follow-up of Glaucoma Patients Treated with EBlockers. *Journal of Glaucoma*, **1992**, 1, 153-155 2.1 21
- 126 Activated STAT 3 in choroidal neovascular membranes of patients with age-related macular degeneration. *Ophthalmologica*, **2005**, 219, 214-21 3.7 20
- 125 Increased plasma levels of 20S proteasome alpha-subunit in glaucoma patients: an observational pilot study. *Molecular Vision*, **2002**, 8, 431-5 2.3 20

124	Chronobiological characterization of women with primary vasospastic syndrome: body heat loss capacity in relation to sleep initiation and phase of entrainment. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 294, R630-8	3.2	19
123	Experience with Cosopt, the fixed combination of timolol and dorzolamide, after switch from free combination of timolol and dorzolamide, in Swiss ophthalmologists' offices. <i>Current Medical Research and Opinion</i> , 2003 , 19, 330-5	2.5	19
122	Cardiovascular and endocrine profile of adrenergic neurone blockade in normal and hypertensive man. <i>American Journal of Medicine</i> , 1979 , 66, 34-42	2.4	19
121	The Estimation and Testing of the Components of Long-Term Fluctuation of the Differential Light Threshold. <i>Documenta Ophthalmologica Proceedings Series</i> , 1983 , 383-389		19
120	Meningothelial cells as part of the central nervous system host defence. <i>Biology of the Cell</i> , 2013 , 105, 304-15	3.5	18
119	Relationship between optic nerve head and finger blood flow. <i>European Journal of Ophthalmology</i> , 2010 , 20, 136-41	1.9	18
118	Leber's hereditary optic neuropathy mitochondrial DNA mutations in normal-tension glaucoma. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2001 , 239, 437-40	3.8	18
117	Optic neuropathy of Graves' disease. A report of a perimetric follow-up. <i>Ophthalmologica</i> , 1986 , 192, 22-7	3.7	18
116	Heart-rate variability in women during 40-hour prolonged wakefulness. <i>Chronobiology International</i> , 2010 , 27, 1609-28	3.6	17
115	Transient raise of endothelin-1 plasma level and reduction of ocular blood flow in a patient with optic neuritis. <i>Ophthalmologica</i> , 2003 , 217, 451-3	3.7	17
114	The influence of sex difference in measurements with the Langham Ocular Blood Flow System. <i>Japanese Journal of Ophthalmology</i> , 2001 , 45, 528-32	2.6	17
113	Measurement of intraocular pressure with a modern noncontact tonometer. <i>Ophthalmologica</i> , 1998 , 212, 81-7	3.7	17
112	A comparison of five methods for estimating general glaucomatous visual field depression. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 1992 , 230, 101-6	3.8	17
111	Targeted preventive measures and advanced approaches in personalised treatment of glaucoma neuropathy. <i>EPMA Journal</i> , 2010 , 1, 229-35	8.8	16
110	Circulatory response to blood gas perturbations in vasospasm. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 3288-94		16
109	The novel dopamine D-1 antagonist and D-2 agonist, SDZ GLC-756, lowers intraocular pressure in healthy human volunteers and in patients with glaucoma. <i>Ophthalmology</i> , 1995 , 102, 1291-7	7.3	16
108	Short-term effect of dipyridamole on blood flow velocities in the extraocular vessels. <i>International Ophthalmology</i> , 1995 , 19, 355-8	2.2	16
107	Normal visual fields measured with Octopus-Program G1. II. Global visual field indices. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 1994 , 232, 516-22	3.8	16

106	The Effect of a Number of Glaucoma Medications on the Differential Light Threshold. <i>Documenta Ophthalmologica Proceedings Series</i> , 1983 , 145-148		16
105	Meningothelial cells participate in immunological processes in the cerebrospinal fluid. <i>Journal of Neuroimmunology</i> , 2012 , 244, 45-50	3.5	15
104	Therapeutic strategies for normal-tension glaucoma. <i>Ophthalmologica</i> , 2005 , 219, 317-23	3.7	15
103	Ascorbic acid as a free radical scavenger in porcine and bovine aqueous humour. <i>Ophthalmic Research</i> , 2004 , 36, 38-42	2.9	15
102	Human connective tissue growth factor mRNA expression of epiretinal and subretinal fibrovascular membranes: a report of three cases. <i>Ophthalmologica</i> , 2002 , 216, 284-91	3.7	15
101	Effect of dipyridamole on vascular responses of porcine ciliary arteries. <i>Current Eye Research</i> , 1996 , 15, 387-93	2.9	15
100	Inactivation of MARCH5 prevents mitochondrial fragmentation and interferes with cell death in a neuronal cell model. <i>PLoS ONE</i> , 2012 , 7, e52637	3.7	15
99	Patients with diabetic retinopathy have high retinal venous pressure. <i>EPMA Journal</i> , 2015 , 6, 5	8.8	14
98	Basic Sciences in Ophthalmology 2013 ,		14
97	Disease proteomics reveals altered basic gene expression regulation in leukocytes of Normal-Tension and Primary Open-Angle glaucoma patients. <i>Proteomics - Clinical Applications</i> , 2007 , 1, 1316-23	3.1	14
96	Role of anions in nitric oxide-induced short-circuit current increase in isolated porcine ciliary processes. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 3213-22		14
95	No difference in genotype frequencies of polymorphisms of the nitric oxide pathway between Caucasian normal and high tension glaucoma patients. <i>Molecular Vision</i> , 2012 , 18, 2174-81	2.3	14
94	Ocular Blood Flow and Glaucomatous Optic Neuropathy 2009 ,		14
93	Proteasome-mediated quality control of S-nitrosylated mitochondrial proteins. <i>Mitochondrion</i> , 2014 , 17, 182-6	4.9	13
92	Association between risk factors and glaucomatous damage in untreated primary open-angle glaucoma. <i>Journal of Glaucoma</i> , 2013 , 22, 501-5	2.1	13
91	Short-term variability of systemic blood pressure and submacular choroidal blood flow in eyes of patients with primary open-angle glaucoma. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2010 , 248, 833-7	3.8	13
90	Half a pack of cigarettes a day more than doubles DNA breaks in circulating leukocytes. <i>Tobacco Induced Diseases</i> , 2010 , 8, 14	3.2	13
89	Gliosis-Like Retinal Alterations in Glaucoma Patients. <i>Journal of Glaucoma</i> , 1993 , 2, 257???259	2.1	13

88	Normal visual fields measured with Octopus Program G1. I. Differential light sensitivity at individual test locations. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1994 , 232, 509-15	3.8	13
87	Vasoactivity of retinal veins: A potential involvement of endothelin-1 (ET-1) in the pathogenesis of retinal vein occlusion (RVO). <i>Experimental Eye Research</i> , 2018 , 176, 207-209	3.7	12
86	Endothelium-derived vasoactive substances relevant to normal-tension glaucoma. <i>Current Opinion in Ophthalmology</i> , 1998 , 9, 88-94	5.1	12
85	Spontaneous calcium-independent nitric oxide synthase activity in porcine ciliary processes. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 222, 786-9	3.4	12
84	Vasospasm-a risk factor for nonarteritic anterior ischemic optic neuropathy?. <i>Neuro-Ophthalmology</i> , 1996 , 16, 5-10	0.9	12
83	Psychophysics in Glaucoma. A Modified Concept of the Disease. <i>Documenta Ophthalmologica Proceedings Series</i> , 1985 , 11-17		12
82	Central retinal venous pressure in eyes of normal-tension glaucoma patients with optic disc hemorrhage. <i>PLoS ONE</i> , 2015 , 10, e0127920	3.7	11
81	Human cytokines activate JAK-STAT signaling pathway in porcine ocular tissue. <i>Xenotransplantation</i> , 2013 , 20, 469-80	2.8	11
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