

# Hiroshi Ishikawa

## 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.

282  
papers

8,768  
citations

48  
h-index

85  
g-index

293  
ext. papers

10,014  
ext. citations

4.4  
avg. IF

5.67  
L-index

#	Paper	IF	Citations
282	Detection of macular ganglion cell loss in glaucoma by Fourier-domain optical coherence tomography. <i>Ophthalmology</i> , <b>2009</b> , 116, 2305-14.e1-2	7.3	502
281	Reproducibility of nerve fiber thickness, macular thickness, and optic nerve head measurements using StratusOCT. <i>Investigative Ophthalmology and Visual Science</i> , <b>2004</b> , 45, 1716-24		470
280	Macular segmentation with optical coherence tomography. <i>Investigative Ophthalmology and Visual Science</i> , <b>2005</b> , 46, 2012-7		397
279	Optical coherence tomography longitudinal evaluation of retinal nerve fiber layer thickness in glaucoma. <i>JAMA Ophthalmology</i> , <b>2005</b> , 123, 464-70		277
278	Ganglion cell loss in relation to visual disability in multiple sclerosis. <i>Ophthalmology</i> , <b>2012</b> , 119, 1250-7	7.3	217
277	Comparison of three optical coherence tomography scanning areas for detection of glaucomatous damage. <i>American Journal of Ophthalmology</i> , <b>2005</b> , 139, 39-43	4.9	201
276	Optical coherence tomography and scanning laser polarimetry in normal, ocular hypertensive, and glaucomatous eyes. <i>American Journal of Ophthalmology</i> , <b>2000</b> , 129, 129-35	4.9	190
275	Optical coherence tomography: history, current status, and laboratory work <b>2011</b> , 52, 2425-36		180
274	Optical coherence tomography (OCT) macular and peripapillary retinal nerve fiber layer measurements and automated visual fields. <i>American Journal of Ophthalmology</i> , <b>2004</b> , 138, 218-25	4.9	167
273	Effects of age on optical coherence tomography measurements of healthy retinal nerve fiber layer, macula, and optic nerve head. <i>Ophthalmology</i> , <b>2009</b> , 116, 1119-24	7.3	152
272	Comparison of ultrahigh- and standard-resolution optical coherence tomography for imaging macular pathology. <i>Ophthalmology</i> , <b>2005</b> , 112, 1922.e1-15	7.3	146
271	Optical coherence tomography machine learning classifiers for glaucoma detection: a preliminary study. <i>Investigative Ophthalmology and Visual Science</i> , <b>2005</b> , 46, 4147-52		141
270	Identification and assessment of Schlemm's canal by spectral-domain optical coherence tomography <b>2010</b> , 51, 4054-9		137
269	Quantitative 3D-OCT motion correction with tilt and illumination correction, robust similarity measure and regularization. <i>Biomedical Optics Express</i> , <b>2014</b> , 5, 2591-613	3.5	128
268	Heidelberg retina tomography and optical coherence tomography in normal, ocular-hypertensive, and glaucomatous eyes. <i>Ophthalmology</i> , <b>1999</b> , 106, 2027-32	7.3	123
267	Retinal nerve fibre layer and visual function loss in glaucoma: the tipping point. <i>British Journal of Ophthalmology</i> , <b>2012</b> , 96, 47-52	5.5	116
266	Novel clonal strains from adult rat anterior pituitary producing S-100 protein. <i>Nature</i> , <b>1983</b> , 303, 711-3	50.4	111

265	Quantitative assessment of the anterior segment using ultrasound biomicroscopy. <i>Current Opinion in Ophthalmology</i> , <b>2000</b> , 11, 133-9	5.1	106
264	Retinal nerve fibre layer thickness measurement reproducibility improved with spectral domain optical coherence tomography. <i>British Journal of Ophthalmology</i> , <b>2009</b> , 93, 1057-63	5.5	103
263	Automated macular pathology diagnosis in retinal OCT images using multi-scale spatial pyramid and local binary patterns in texture and shape encoding. <i>Medical Image Analysis</i> , <b>2011</b> , 15, 748-59	15.4	101
262	Glaucoma discrimination of segmented cirrus spectral domain optical coherence tomography (SD-OCT) macular scans. <i>British Journal of Ophthalmology</i> , <b>2012</b> , 96, 1420-5	5.5	100
261	Scanning laser polarimetry measurements after laser-assisted in situ keratomileusis. <i>American Journal of Ophthalmology</i> , <b>2000</b> , 129, 461-4	4.9	89
260	Optical coherence tomography scan circle location and mean retinal nerve fiber layer measurement variability. <i>Investigative Ophthalmology and Visual Science</i> , <b>2008</b> , 49, 2315-21		80
259	A feature agnostic approach for glaucoma detection in OCT volumes. <i>PLoS ONE</i> , <b>2019</b> , 14, e0219126	3.7	75
258	In vivo lamina cribrosa micro-architecture in healthy and glaucomatous eyes as assessed by optical coherence tomography <b>2013</b> , 54, 8270-4		72
257	Polar invasion and translocation of Neisseria meningitidis and Streptococcus suis in a novel human model of the blood-cerebrospinal fluid barrier. <i>PLoS ONE</i> , <b>2012</b> , 7, e30069	3.7	71
256	Effect of corneal drying on optical coherence tomography. <i>Ophthalmology</i> , <b>2006</b> , 113, 985-991	7.3	71
255	Ultrahigh resolution optical coherence tomography in non-exudative age related macular degeneration. <i>British Journal of Ophthalmology</i> , <b>2006</b> , 90, 191-7	5.5	70
254	Ultrahigh-resolution optical coherence tomography in glaucoma. <i>Ophthalmology</i> , <b>2005</b> , 112, 229-37	7.3	69
253	Anterior segment imaging: ultrasound biomicroscopy. <i>Ophthalmology Clinics of North America</i> , <b>2004</b> , 17, 7-20		69
252	Differential diagnosis of anterior segment cysts by ultrasound biomicroscopy. <i>Ophthalmology</i> , <b>1999</b> , 106, 2131-5	7.3	67
251	Acute optic neuritis: Unmet clinical needs and model for new therapies. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2015</b> , 2, e135	9.1	66
250	IOP elevation reduces Schlemm's canal cross-sectional area <b>2014</b> , 55, 1805-9		65
249	A new quality assessment parameter for optical coherence tomography. <i>British Journal of Ophthalmology</i> , <b>2006</b> , 90, 186-90	5.5	64
248	Peripapillary nerve fiber layer thickness profile determined with high speed, ultrahigh resolution optical coherence tomography high-density scanning. <i>Investigative Ophthalmology and Visual Science</i> , <b>2007</b> , 48, 3154-60		64

247	Glaucoma detection with the Heidelberg retina tomograph 3. <i>Ophthalmology</i> , <b>2007</b> , 114, 466-71	7.3	64
246	Visualization of the conventional outflow pathway in the living human eye. <i>Ophthalmology</i> , <b>2012</b> , 119, 1563-8	7.3	63
245	In vivo corneal high-speed, ultra high-resolution optical coherence tomography. <i>JAMA Ophthalmology</i> , <b>2007</b> , 125, 1027-35		62
244	Polarization microscopy for characterizing fiber orientation of ocular tissues. <i>Biomedical Optics Express</i> , <b>2015</b> , 6, 4705-18	3.5	59
243	Optical coherence tomography and histologic measurements of nerve fiber layer thickness in normal and glaucomatous monkey eyes. <i>Investigative Ophthalmology and Visual Science</i> , <b>2007</b> , 48, 3645-54		59
242	Pericardial Patch Grafts in Glaucoma Implant Surgery. <i>Journal of Glaucoma</i> , <b>1998</b> , 7, 27??32	2.1	56
241	Peripapillary Nerve Fiber Layer Thickness Measurement Reproducibility Using Scanning Laser Polarimetry. <i>Journal of Glaucoma</i> , <b>1998</b> , 7, 12??15	2.1	55
240	Ultrasound biomicroscopy dark room provocative testing: a quantitative method for estimating anterior chamber angle width. <i>Japanese Journal of Ophthalmology</i> , <b>1999</b> , 43, 526-34	2.6	54
239	Correcting motion artifacts in retinal spectral domain optical coherence tomography via image registration. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 12, 100-7	0.9	51
238	Retinal optical coherence tomography image enhancement via deep learning. <i>Biomedical Optics Express</i> , <b>2018</b> , 9, 6205-6221	3.5	50
237	3D visualization of aqueous humor outflow structures in-situ in humans. <i>Experimental Eye Research</i> , <b>2011</b> , 93, 308-15	3.7	49
236	Handheld optical coherence tomography during sedation in young children with optic pathway gliomas. <i>JAMA Ophthalmology</i> , <b>2014</b> , 132, 265-71	3.9	48
235	Spectral oximetry assessed with high-speed ultra-high-resolution optical coherence tomography. <i>Journal of Biomedical Optics</i> , <b>2007</b> , 12, 041212	3.5	48
234	Ultrasound biomicroscopy in uveitis-glaucoma-hyphema syndrome. <i>American Journal of Ophthalmology</i> , <b>2002</b> , 133, 839-41	4.9	48
233	Longitudinal Change of Circumpapillary Retinal Nerve Fiber Layer Thickness in Children With Optic Pathway Gliomas. <i>American Journal of Ophthalmology</i> , <b>2015</b> , 160, 944-952.e1	4.9	47
232	Morphometric analysis of aqueous humor outflow structures with spectral-domain optical coherence tomography <b>2012</b> , 53, 5198-207		47
231	Ultrahigh-resolution spectral domain optical coherence tomography imaging of the lamina cribrosa. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2008</b> , 39, S126-131	1.4	47
230	In vivo three-dimensional characterization of the healthy human lamina cribrosa with adaptive optics spectral-domain optical coherence tomography <b>2014</b> , 55, 6459-66		46

229	Factors Affecting Image Acquisition During Scanning Laser Polarimetry. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>1998</b> , 29, 545-551	1.4	46
228	Predicting Development of Glaucomatous Visual Field Conversion Using Baseline Fourier-Domain Optical Coherence Tomography. <i>American Journal of Ophthalmology</i> , <b>2016</b> , 163, 29-37	4.9	45
227	Automated lamina cribrosa microstructural segmentation in optical coherence tomography scans of healthy and glaucomatous eyes. <i>Biomedical Optics Express</i> , <b>2013</b> , 4, 2596-608	3.5	45
226	Reproducibility of spectral-domain optical coherence tomography total retinal thickness measurements in mice <b>2010</b> , 51, 6519-23		45
225	Retinal nerve fiber layer thickness measurement comparability between time domain optical coherence tomography (OCT) and spectral domain OCT <b>2010</b> , 51, 896-902		44
224	Transmigration of polymorphonuclear neutrophils and monocytes through the human blood-cerebrospinal fluid barrier after bacterial infection in vitro. <i>Journal of Neuroinflammation</i> , <b>2013</b> , 10, 31	10.1	43
223	Three dimensional optical coherence tomography imaging: advantages and advances. <i>Progress in Retinal and Eye Research</i> , <b>2010</b> , 29, 556-79	20.5	43
222	Peripapillary schisis in glaucoma patients with narrow angles and increased intraocular pressure. <i>American Journal of Ophthalmology</i> , <b>2007</b> , 143, 697-9	4.9	43
221	Neutrophil extracellular trap formation in the Streptococcus suis-infected cerebrospinal fluid compartment. <i>Cellular Microbiology</i> , <b>2017</b> , 19, e12649	3.9	42
220	Automated assessment of the optic nerve head on stereo disc photographs. <i>Investigative Ophthalmology and Visual Science</i> , <b>2008</b> , 49, 2512-7		40
219	Quantification of photoreceptor layer thickness in normal eyes using optical coherence tomography. <i>Retina</i> , <b>2006</b> , 26, 655-60	3.6	40
218	Establishment and characterization of a human malignant choroids plexus papilloma cell line (HIBCPP). <i>Human Cell</i> , <b>2005</b> , 18, 67-72	4.5	39
217	Repeated, noninvasive, high resolution spectral domain optical coherence tomography imaging of zebrafish embryos. <i>Molecular Vision</i> , <b>2008</b> , 14, 2157-70	2.3	39
216	Advanced scanning methods with tracking optical coherence tomography. <i>Optics Express</i> , <b>2005</b> , 13, 7937-47	3.47	38
215	Inadvertent Corneal Indentation Can Cause Artifactitious Widening of the Iridocorneal Angle on Ultrasound Biomicroscopy. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2000</b> , 31, 342-345	1.4	38
214	Can Macula and Optic Nerve Head Parameters Detect Glaucoma Progression in Eyes with Advanced Circumpapillary Retinal Nerve Fiber Layer Damage?. <i>Ophthalmology</i> , <b>2018</b> , 125, 1907-1912	7.3	35
213	Repeatability of in vivo 3D lamina cribrosa microarchitecture using adaptive optics spectral domain optical coherence tomography. <i>Biomedical Optics Express</i> , <b>2014</b> , 5, 1114-23	3.5	35
212	Classification of healthy and diseased retina using SD-OCT imaging and Random Forest algorithm. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198281	3.7	34

211	Differentiation of isolated chromophobes into acidophils or basophils when transplanted into the hypophysiotrophic area of hypothalamus. <i>Endocrinologia Japonica</i> , <b>1969</b> , 16, 531-40		33
210	Optic nerve crush mice followed longitudinally with spectral domain optical coherence tomography <b>2011</b> , 52, 2250-4		32
209	Computerized macular pathology diagnosis in spectral domain optical coherence tomography scans based on multiscale texture and shape features <b>2011</b> , 52, 8316-22		32
208	Active retinal tracker for clinical optical coherence tomography systems. <i>Journal of Biomedical Optics</i> , <b>2005</b> , 10, 024038	3.5	32
207	Loss of Mpdz impairs ependymal cell integrity leading to perinatal-onset hydrocephalus in mice. <i>EMBO Molecular Medicine</i> , <b>2017</b> , 9, 890-905	12	31
206	Increasing Sampling Density Improves Reproducibility of Optical Coherence Tomography Measurements. <i>Journal of Glaucoma</i> , <b>1999</b> , 8, 238-241	2.1	31
205	Ultrasound biomicroscopic analysis of iris-sutured foldable posterior chamber intraocular lenses. <i>American Journal of Ophthalmology</i> , <b>2010</b> , 149, 245-252.e2	4.9	30
204	Comparison of visual field defects using matrix perimetry and standard achromatic perimetry. <i>Ophthalmology</i> , <b>2007</b> , 114, 480-7	7.3	30
203	Detecting the inner and outer borders of the retinal nerve fiber layer using optical coherence tomography. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2002</b> , 240, 362-71	3.8	30
202	In-vivo effects of intraocular and intracranial pressures on the lamina cribrosa microstructure. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188302	3.7	30
201	Formation of contractile 3D bovine muscle tissue for construction of millimetre-thick cultured steak. <i>Npj Science of Food</i> , <b>2021</b> , 5, 6	6.3	30
200	Scan quality effect on glaucoma discrimination by glaucoma imaging devices. <i>British Journal of Ophthalmology</i> , <b>2009</b> , 93, 1580-4	5.5	29
199	Human CD4 T cell subsets differ in their abilities to cross endothelial and epithelial brain barriers in vitro. <i>Fluids and Barriers of the CNS</i> , <b>2020</b> , 17, 3	7	28
198	A method to estimate biomechanics and mechanical properties of optic nerve head tissues from parameters measurable using optical coherence tomography. <i>IEEE Transactions on Medical Imaging</i> , <b>2014</b> , 33, 1381-9	11.7	28
197	Reproducibility of circumpapillary retinal nerve fiber layer measurements using handheld optical coherence tomography in sedated children. <i>American Journal of Ophthalmology</i> , <b>2014</b> , 158, 780-787.e1	4.9	28
196	Chemotaxis of T-cells after infection of human choroid plexus papilloma cells with Echovirus 30 in an in vitro model of the blood-cerebrospinal fluid barrier. <i>Virus Research</i> , <b>2012</b> , 170, 66-74	6.4	28
195	Comparison of retinal nerve fiber layer thickness measurement bias and imprecision across three spectral-domain optical coherence tomography devices <b>2012</b> , 53, 3742-7		28
194	Heidelberg Retina Tomograph 3 machine learning classifiers for glaucoma detection. <i>British Journal of Ophthalmology</i> , <b>2008</b> , 92, 814-8	5.5	28

193	Intra- and inter-visit reproducibility of ganglion cell-inner plexiform layer measurements using handheld optical coherence tomography in children with optic pathway gliomas. <i>American Journal of Ophthalmology</i> , <b>2014</b> , 158, 916-23	4.9	27
192	Imaging of the optic nerve and retinal nerve fiber layer: an essential part of glaucoma diagnosis and monitoring. <i>Survey of Ophthalmology</i> , <b>2014</b> , 59, 458-67	6.1	27
191	Glaucoma detection with matrix and standard achromatic perimetry. <i>British Journal of Ophthalmology</i> , <b>2007</b> , 91, 933-8	5.5	27
190	Impact of chorioamnionitis on short- and long-term outcomes in very low birth weight preterm infants: the Neonatal Research Network Japan. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2016</b> , 29, 331-7	2	26
189	Clinical use of OCT in assessing glaucoma progression. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2011</b> , 42 Suppl, S6-S14	1.4	26
188	Improved visualization of glaucomatous retinal damage using high-speed ultrahigh-resolution optical coherence tomography. <i>Ophthalmology</i> , <b>2008</b> , 115, 782-789.e2	7.3	26
187	Characterisation of Schlemm's canal cross-sectional area. <i>British Journal of Ophthalmology</i> , <b>2014</b> , 98 Suppl 2, ii10-4	5.5	24
186	The optic nerve head as a robust biomechanical system <b>2012</b> , 53, 2658-67		24
185	Retinal nerve fiber layer assessment using optical coherence tomography with active optic nerve head tracking. <i>Investigative Ophthalmology and Visual Science</i> , <b>2006</b> , 47, 964-7		23
184	Appearance of the cyst- or ductule-like structures and their role in the restoration of the rat pituitary autograft. <i>The Anatomical Record</i> , <b>1987</b> , 217, 371-8		23
183	Zika virus infects pericytes in the choroid plexus and enters the central nervous system through the blood-cerebrospinal fluid barrier. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008204	7.6	22
182	Gold nanorods as a contrast agent for Doppler optical coherence tomography. <i>PLoS ONE</i> , <b>2014</b> , 9, e906907	9.7	22
181	Grayscale and Proportion-Corrected Optical Coherence Tomography Images. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2000</b> , 31, 223-228	1.4	22
180	Alignment of 3-D optical coherence tomography scans to correct eye movement using a particle filtering. <i>IEEE Transactions on Medical Imaging</i> , <b>2012</b> , 31, 1337-45	11.7	21
179	The Effects of Antenatal Corticosteroids on Short- and Long-Term Outcomes in Small-for-Gestational-Age Infants. <i>International Journal of Medical Sciences</i> , <b>2015</b> , 12, 295-300	3.7	20
178	Reproducibility of in-vivo OCT measured three-dimensional human lamina cribrosa microarchitecture. <i>PLoS ONE</i> , <b>2014</b> , 9, e95526	3.7	20
177	Anterior segment imaging for glaucoma: OCT or UBM?. <i>British Journal of Ophthalmology</i> , <b>2007</b> , 91, 1420-4	4.5	20
176	A Choroid Plexus Epithelial Cell-based Model of the Human Blood-Cerebrospinal Fluid Barrier to Study Bacterial Infection from the Basolateral Side. <i>Journal of Visualized Experiments</i> , <b>2016</b> ,	1.6	19

175	Mitogen-activated protein kinases are required for effective infection of human choroid plexus epithelial cells by <i>Listeria monocytogenes</i> . <i>Microbes and Infection</i> , <b>2017</b> , 19, 18-33	9.3	19
174	QUANTIFICATION OF PHOTORECEPTOR LAYER THICKNESS IN NORMAL EYES USING OPTICAL COHERENCE TOMOGRAPHY. <i>Retina</i> , <b>2006</b> , 26, 655-660	3.6	19
173	Effect of Pupillary Dilation on Retinal Nerve Fiber Layer Thickness as Measured by Scanning Laser Polarimetry in Eyes with and without Cataract. <i>Journal of Glaucoma</i> , <b>1999</b> , 8, 159-166	2.1	19
172	Single secretory granules contain both GH and prolactin in pituitary mixed type of adenoma. <i>Virchows Archiv A, Pathological Anatomy and Histology</i> , <b>1983</b> , 399, 221-6		19
171	Inflammatory response to intravitreal injection of gold nanorods. <i>British Journal of Ophthalmology</i> , <b>2012</b> , 96, 1522-9	5.5	18
170	Three-dimensional spectral-domain optical coherence tomography data analysis for glaucoma detection. <i>PLoS ONE</i> , <b>2013</b> , 8, e55476	3.7	18
169	Direct scanning of pathology specimens using spectral domain optical coherence tomography: a pilot study. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2010</b> , 41 Suppl, S58-64	1.4	17
168	Three-dimensional optical coherence tomography (3D-OCT) image enhancement with segmentation-free contour modeling C-mode <b>2009</b> , 50, 1344-9		17
167	Spectral domain optical coherence tomography for detection of foveal morphology in patients with nystagmus. <i>Journal of AAPOS</i> , <b>2009</b> , 13, 563-6	1.3	17
166	Comparison of optic disc margin identified by color disc photography and high-speed ultrahigh-resolution optical coherence tomography. <i>JAMA Ophthalmology</i> , <b>2008</b> , 126, 58-64		17
165	Isolation of different types of anterior pituitary cells in rats. <i>Endocrinologia Japonica</i> , <b>1969</b> , 16, 517-29		17
164	Glaucoma Structural and Functional Progression in American and Korean Cohorts. <i>Ophthalmology</i> , <b>2016</b> , 123, 783-8	7.3	16
163	Variation in optical coherence tomography signal quality as an indicator of retinal nerve fibre layer segmentation error. <i>British Journal of Ophthalmology</i> , <b>2012</b> , 96, 514-8	5.5	16
162	Altered secretory and neuroprotective function of the choroid plexus in progressive multiple sclerosis. <i>Acta Neuropathologica Communications</i> , <b>2020</b> , 8, 35	7.3	15
161	Optic pathway glioma volume predicts retinal axon degeneration in neurofibromatosis type 1. <i>Neurology</i> , <b>2016</b> , 87, 2403-2407	6.5	15
160	Ultrasound biomicroscopic localization and evaluation of intraocular foreign bodies. <i>Acta Ophthalmologica</i> , <b>1998</b> , 76, 491-5		15
159	Speckle reduction in visible-light optical coherence tomography using scan modulation. <i>Neurophotonics</i> , <b>2019</b> , 6, 041107	3.9	15
158	Acute Conformational Changes in the Optic Nerve Head With Rapid Intraocular Pressure Elevation: Implications for LASIK Surgery. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2003</b> , 34, 334-341	1.4	15



157	The choroid plexus may be an underestimated site of tumor invasion to the brain: an in vitro study using neuroblastoma cell lines. <i>Cancer Cell International</i> , <b>2015</b> , 15, 102	6.4	14
156	Possible involvement of RGD (Arg-Gly-Asp)-containing extracellular matrix proteins in rat growth plate chondrocyte differentiation in culture. <i>Journal of Bone and Mineral Research</i> , <b>1996</b> , 11, 1430-7	6.3	14
155	Ultrasound biomicroscopy before and after goniosynechialysis. <i>American Journal of Ophthalmology</i> , <b>2001</b> , 132, 570-1	4.9	14
154	Longitudinal modeling of glaucoma progression using 2-dimensional continuous-time hidden Markov model. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 16, 444-51	0.9	14
153	Long-term outcomes of antenatal corticosteroids treatment in very preterm infants after chorioamnionitis. <i>Archives of Gynecology and Obstetrics</i> , <b>2015</b> , 292, 1239-46	2.5	13
152	Individual A-scan signal normalization between two spectral domain optical coherence tomography devices <b>2013</b> , 54, 3463-71		13
151	Validation of spectral domain optical coherence tomographic Doppler shifts using an in vitro flow model <b>2009</b> , 50, 702-6		13
150	Assessing the relationship between central corneal thickness and retinal nerve fiber layer thickness in healthy subjects. <i>American Journal of Ophthalmology</i> , <b>2008</b> , 146, 561-6	4.9	13
149	Assessment of optic disc anatomy and nerve fiber layer thickness in ocular hypertensive subjects with normal short-wavelength automated perimetry. <i>Ophthalmology</i> , <b>2002</b> , 109, 1362-6	7.3	13
148	Glaucoma drainage tube kink after pars plana insertion. <i>American Journal of Ophthalmology</i> , <b>2001</b> , 132, 413-4	4.9	13
147	Dental pulp cell bank as a possible future source of individual hepatocytes. <i>World Journal of Hepatology</i> , <b>2018</b> , 10, 702-707	3.4	13
146	Comparison of parameters from Heidelberg Retina Tomographs 2 and 3. <i>Ophthalmology</i> , <b>2008</b> , 115, 673-73	7.3	12
145	Persistence of Cloquet's canal in normal healthy eyes. <i>American Journal of Ophthalmology</i> , <b>2006</b> , 142, 862-4	4.9	12
144	Fragile histidine triad transcription abnormalities and human papillomavirus E6E7 mRNA expression in the development of cervical carcinoma. <i>Cancer</i> , <b>1999</b> , 85, 2001-2010	6.4	12
143	Hypotonous malignant glaucoma: aqueous misdirection with low intraocular pressure. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2008</b> , 39, 155-9	1.4	12
142	Sequential transmigration of polymorphonuclear cells and naive CD3 T lymphocytes across the blood-cerebrospinal-fluid barrier in vitro following infection with Echovirus 30. <i>Virus Research</i> , <b>2017</b> , 232, 54-62	6.4	11
141	Designing visible-light optical coherence tomography towards clinics. <i>Quantitative Imaging in Medicine and Surgery</i> , <b>2019</b> , 9, 769-781	3.6	11
140	Induction and differentiation of adipose-derived stem cells from human buccal fat pads into salivary gland cells. <i>Human Cell</i> , <b>2016</b> , 29, 101-10	4.5	11

139	Tortuous Pore Path Through the Glaucomatous Lamina Cribrosa. <i>Scientific Reports</i> , <b>2018</b> , 8, 7281	4.9	11
138	Histogram Matching Extends Acceptable Signal Strength Range on Optical Coherence Tomography Images <b>2015</b> , 56, 3810-9		11
137	3D optical coherence tomography super pixel with machine classifier analysis for glaucoma detection. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2011</b> , 2011, 3395-8	0.9	11
136	A Technique for Performing Ultrasound Biomicroscopy in the Sitting and Prone Positions. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2000</b> , 31, 166-169	1.4	11
135	Attention-Guided 3D-CNN Framework for Glaucoma Detection and Structural-Functional Association Using Volumetric Images. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2020</b> , 24, 3421-3430	7.3	10
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