

Giacomo Savini

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196
papers

5,492
citations

44
h-index

66
g-index

205
ext. papers

6,489
ext. citations

3.7
avg, IF

6
L-index

#	Paper	IF	Citations
196	Retinal nerve fiber layer evaluation by optical coherence tomography in Leber's hereditary optic neuropathy. <i>Ophthalmology</i> , 2005 , 112, 120-6	7.3	180
195	The challenge of dry eye diagnosis. <i>Clinical Ophthalmology</i> , 2008 , 2, 31-55	2.5	162
194	Use of a support vector machine for keratoconus and subclinical keratoconus detection by topographic and tomographic data. <i>Ophthalmology</i> , 2012 , 119, 2231-8	7.3	151
193	Natural history of Leber's hereditary optic neuropathy: longitudinal analysis of the retinal nerve fiber layer by optical coherence tomography. <i>Ophthalmology</i> , 2010 , 117, 623-7	7.3	148
192	The influence of axial length on retinal nerve fibre layer thickness and optic-disc size measurements by spectral-domain OCT. <i>British Journal of Ophthalmology</i> , 2012 , 96, 57-61	5.5	138
191	Correlation between retinal nerve fibre layer thickness and optic nerve head size: an optical coherence tomography study. <i>British Journal of Ophthalmology</i> , 2005 , 89, 489-92	5.5	137
190	Repeatability of automatic measurements by a new Scheimpflug camera combined with Placido topography. <i>Journal of Cataract and Refractive Surgery</i> , 2011 , 37, 1809-16	2.3	120
189	Visual system involvement in patients with Friedreich's ataxia. <i>Brain</i> , 2009 , 132, 116-23	11.2	117
188	Detection and quantification of retinal nerve fiber layer thickness in optic disc edema using stratus OCT. <i>JAMA Ophthalmology</i> , 2006 , 124, 1111-7		113
187	Retinal nerve fiber layer evaluation by optical coherence tomography in unaffected carriers with Leber's hereditary optic neuropathy mutations. <i>Ophthalmology</i> , 2005 , 112, 127-31	7.3	113
186	Retinal nerve fiber layer thickness changes in Parkinson disease: a meta-analysis. <i>PLoS ONE</i> , 2014 , 9, e85318	3.78	101
185	Leber's hereditary optic neuropathy with childhood onset. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 5303-9		92
184	Comparison of 2 laser instruments for measuring axial length. <i>Journal of Cataract and Refractive Surgery</i> , 2010 , 36, 644-8	2.3	87
183	An analysis of the factors influencing the residual refractive astigmatism after cataract surgery with toric intraocular lenses. <i>Investigative Ophthalmology and Visual Science</i> , 2015 , 56, 827-35		83
182	Repeatability of automatic measurements performed by a dual Scheimpflug analyzer in unoperated and post-refractive surgery eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2011 , 37, 302-9	2.3	81
181	Intraocular lens power calculation after myopic refractive surgery: theoretical comparison of different methods. <i>Ophthalmology</i> , 2006 , 113, 1271-82	7.3	78
180	A Comparison between Scheimpflug imaging and optical coherence tomography in measuring corneal thickness. <i>Ophthalmology</i> , 2013 , 120, 1951-8	7.3	77

179	Loss of temporal retinal nerve fibers in Parkinson disease: a mitochondrial pattern?. <i>European Journal of Neurology</i> , 2013 , 20, 198-201	6	76
178	Tear Meniscus Evaluation by Optical Coherence Tomography. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2006 , 37, 112-118	1.4	75
177	Retinal nerve fiber layer thickness in nonarteritic anterior ischemic optic neuropathy: OCT characterization of the acute and resolving phases. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2008 , 246, 641-7	3.8	70
176	Comparison of anterior segment measurements by 3 Scheimpflug tomographers and 1 Placido corneal topographer. <i>Journal of Cataract and Refractive Surgery</i> , 2011 , 37, 1679-85	2.3	69
175	Microcystic macular degeneration from optic neuropathy: not inflammatory, not trans-synaptic degeneration. <i>Brain</i> , 2013 , 136, e239	11.2	65
174	Influence of pupil size and cataract on retinal nerve fiber layer thickness measurements by Stratus OCT. <i>Journal of Glaucoma</i> , 2006 , 15, 336-40	2.1	65
173	A comprehensive assessment of the precision and agreement of anterior corneal power measurements obtained using 8 different devices. <i>PLoS ONE</i> , 2012 , 7, e45607	3.7	64
172	Association of optic disc size with development and prognosis of Leber's hereditary optic neuropathy 2009 , 50, 1666-74		63
171	Retinal nerve fiber layer thickness in dominant optic atrophy measurements by optical coherence tomography and correlation with age. <i>Ophthalmology</i> , 2011 , 118, 2076-80	7.3	60
170	Influence of posterior corneal astigmatism on total corneal astigmatism in eyes with moderate to high astigmatism. <i>Journal of Cataract and Refractive Surgery</i> , 2014 , 40, 1645-53	2.3	59
169	Visual Performance of a New Extended Depth-of-Focus Intraocular Lens Compared to a Distance-Dominant Diffractive Multifocal Intraocular Lens. <i>Journal of Refractive Surgery</i> , 2018 , 34, 228-233	3.3	55
168	Comparison of methods to measure corneal power for intraocular lens power calculation using a rotating Scheimpflug camera. <i>Journal of Cataract and Refractive Surgery</i> , 2013 , 39, 598-604	2.3	54
167	Idebenone treatment in patients with OPA1-mutant dominant optic atrophy. <i>Brain</i> , 2013 , 136, e231	11.2	53
166	Comparison of a new optical biometer using swept-source optical coherence tomography and a biometer using optical low-coherence reflectometry. <i>Journal of Cataract and Refractive Surgery</i> , 2016 , 42, 1165-72	2.3	52
165	Spectral-domain optical coherence tomography for the diagnosis and follow-up of glaucoma. <i>Current Opinion in Ophthalmology</i> , 2011 , 22, 115-23	5.1	52
164	Agreement between Pentacam and videokeratography in corneal power assessment. <i>Journal of Refractive Surgery</i> , 2009 , 25, 534-8	3.3	52
163	Macular nerve fibre and ganglion cell layer changes in acute Leber's hereditary optic neuropathy. <i>British Journal of Ophthalmology</i> , 2016 , 100, 1232-7	5.5	52
162	OPA1 mutations associated with dominant optic atrophy influence optic nerve head size. <i>Ophthalmology</i> , 2010 , 117, 1547-53	7.3	51

161	Repeatability and interobserver reproducibility of a new optical biometer based on swept-source optical coherence tomography and comparison with IOLMaster. <i>British Journal of Ophthalmology</i> , 2017 , 101, 493-498	5.5	50
160	Correlation Between Attempted Correction and Keratometric Refractive Index of the Cornea After Myopic Excimer Laser Surgery. <i>Journal of Refractive Surgery</i> , 2007 , 23, 461-466	3.3	48
159	Intraocular lens power calculation by ray-tracing after myopic excimer laser surgery. <i>American Journal of Ophthalmology</i> , 2014 , 157, 150-153.e1	4.9	47
158	Intraocular lens power calculation in eyes with previous corneal refractive surgery. <i>Eye and Vision (London, England)</i> , 2018 , 5, 18	4.9	46
157	Evaluation of a new optical biometry device for measurements of ocular components and its comparison with IOLMaster. <i>British Journal of Ophthalmology</i> , 2014 , 98, 1277-81	5.5	46
156	Accuracy of Scheimpflug corneal power measurements for intraocular lens power calculation. <i>Journal of Cataract and Refractive Surgery</i> , 2009 , 35, 1193-7	2.3	46
155	Early macular retinal ganglion cell loss in dominant optic atrophy: genotype-phenotype correlation. <i>American Journal of Ophthalmology</i> , 2014 , 158, 628-36.e3	4.9	45
154	Corneal power measurements with the Pentacam Scheimpflug camera after myopic excimer laser surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2008 , 34, 809-13	2.3	45
153	Scheimpflug analysis of corneal power changes after myopic excimer laser surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2013 , 39, 605-10	2.3	42
152	Efficacy and Acceptability of Orthokeratology For Slowing Myopic Progression in Children: A Systematic Review and Meta-Analysis. <i>Journal of Ophthalmology</i> , 2015 , 2015, 360806	2	42
151	Grand rounds: could occupational exposure to n-hexane and other solvents precipitate visual failure in leber hereditary optic neuropathy?. <i>Environmental Health Perspectives</i> , 2007 , 115, 113-5	8.4	40
150	Intraocular lens power calculation after myopic excimer laser surgery: clinical comparison of published methods. <i>Journal of Cataract and Refractive Surgery</i> , 2010 , 36, 1455-65	2.3	39
149	Repeatability of automatic measurements by a new anterior segment optical coherence tomographer combined with Placido topography and agreement with 2 Scheimpflug cameras. <i>Journal of Cataract and Refractive Surgery</i> , 2018 , 44, 471-478	2.3	38
148	Ocular Surface Changes in Laser in situ Keratomileusis-induced Neurotrophic Epitheliopathy. <i>Journal of Refractive Surgery</i> , 2004 , 20, 803-809	3.3	38
147	Anterior chamber depth measurements using Scheimpflug imaging and optical coherence tomography: repeatability, reproducibility, and agreement. <i>Journal of Cataract and Refractive Surgery</i> , 2015 , 41, 178-85	2.3	36
146	Optical coherence tomography angiography in acute arteritic and non-arteritic anterior ischemic optic neuropathy. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2017 , 255, 2255-2261	3.8	36
145	The effect of scan diameter on retinal nerve fiber layer thickness measurement using stratus optic coherence tomography. <i>JAMA Ophthalmology</i> , 2007 , 125, 901-5		35
144	Filtering blebs imaging by optical coherence tomography. <i>Clinical and Experimental Ophthalmology</i> , 2005 , 33, 483-9	2.4	35

143	Retinal nerve fiber layer thickness measurement by Fourier-domain optical coherence tomography: a comparison between cirrus-HD OCT and RTVue in healthy eyes. <i>Journal of Glaucoma</i> , 2010 , 19, 369-72	2.1	32
142	Repeatability, reproducibility, and agreement of corneal power measurements obtained with a new corneal topographer. <i>Journal of Cataract and Refractive Surgery</i> , 2013 , 39, 1561-9	2.3	31
141	Retinal function and neural conduction along the visual pathways in affected and unaffected carriers with Leber's hereditary optic neuropathy 2013 , 54, 6893-901		31
140	Accuracy of a dual Scheimpflug analyzer and a corneal topography system for intraocular lens power calculation in unoperated eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2011 , 37, 72-6	2.3	31
139	Influence of corneal asphericity on the refractive outcome of intraocular lens implantation in cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2015 , 41, 785-9	2.3	30
138	Comparison and evaluation of central corneal thickness using 2 new noncontact specular microscopes and conventional pachymetry devices. <i>Cornea</i> , 2014 , 33, 576-81	3.1	30
137	Accuracy of corneal power measurements by a new Scheimpflug camera combined with Placido-disk corneal topography for intraocular lens power calculation in unoperated eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2012 , 38, 787-92	2.3	30
136	Update on Intraocular Lens Power Calculation Study Protocols: The Better Way to Design and Report Clinical Trials. <i>Ophthalmology</i> , 2021 , 128, e115-e120	7.3	28
135	Retinal nerve fiber layer thickness variability in Leber hereditary optic neuropathy carriers. <i>European Journal of Ophthalmology</i> , 2012 , 22, 985-91	1.9	28
134	Intraocular lens power calculation in eyes with keratoconus. <i>Journal of Cataract and Refractive Surgery</i> , 2019 , 45, 576-581	2.3	27
133	Tamoxifen retinopathy: does it really exist?. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 1998 , 236, 669-73	3.8	27
132	Optimized keratometry and total corneal astigmatism for toric intraocular lens calculation. <i>Journal of Cataract and Refractive Surgery</i> , 2017 , 43, 1140-1148	2.3	26
131	Intraocular lens power calculation after myopic excimer laser surgery: Selecting the best method using available clinical data. <i>Journal of Cataract and Refractive Surgery</i> , 2015 , 41, 1880-8	2.3	26
130	Influence of intraocular lens haptic design on refractive error. <i>Journal of Cataract and Refractive Surgery</i> , 2014 , 40, 1473-8	2.3	26
129	Precision of a new Scheimpflug and Placido-disk analyzer in measuring corneal thickness and agreement with ultrasound pachymetry. <i>Journal of Cataract and Refractive Surgery</i> , 2013 , 39, 219-24	2.3	25
128	Repeatability and reproducibility of ocular biometry using a new noncontact optical low-coherence interferometer. <i>Journal of Cataract and Refractive Surgery</i> , 2015 , 41, 2233-41	2.3	25
127	Functional assessment of a new extended depth-of-focus intraocular lens. <i>Eye</i> , 2019 , 33, 404-410	4.4	25
126	Multicenter study of optical low-coherence interferometry and partial-coherence interferometry optical biometers with patients from the United States and China. <i>Journal of Cataract and Refractive Surgery</i> , 2016 , 42, 62-7	2.3	24

125	Corneal ray tracing versus simulated keratometry for estimating corneal power changes after excimer laser surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2014 , 40, 1109-15	2.3	24
124	Simulated Keratometry Versus Total Corneal Power by Ray Tracing: A Comparison in Prediction Accuracy of Intraocular Lens Power. <i>Cornea</i> , 2017 , 36, 1368-1372	3.1	23
123	Influence of axial length and corneal power on the astigmatic power of toric intraocular lenses. <i>Journal of Cataract and Refractive Surgery</i> , 2013 , 39, 1900-3	2.3	23
122	Accuracy of a New Swept-Source Optical Coherence Tomography Biometer for IOL Power Calculation and Comparison to IOLMaster. <i>Journal of Refractive Surgery</i> , 2017 , 33, 690-695	3.3	23
121	Changes in Choroidal Thickness follow the RNFL Changes in Leber's Hereditary Optic Neuropathy. <i>Scientific Reports</i> , 2016 , 6, 37332	4.9	22
120	Repeatability of optic nerve head parameters measured by spectral-domain OCT in healthy eyes. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2011 , 42, 209-15	1.4	22
119	IOL Power Calculation in Short and Long Eyes. <i>Asia-Pacific Journal of Ophthalmology</i> , 2017 , 6, 330-331	3.5	21
118	Comparison of formula accuracy for intraocular lens power calculation based on measurements by a swept-source optical coherence tomography optical biometer. <i>Journal of Cataract and Refractive Surgery</i> , 2020 , 46, 27-33	2.3	21
117	Comparison of anterior segment measurements obtained using a swept-source optical coherence tomography biometer and a Scheimpflug-Placido tomographer. <i>Journal of Cataract and Refractive Surgery</i> , 2019 , 45, 298-304	2.3	20
116	Influence of the effective lens position, as predicted by axial length and keratometry, on the near add power of multifocal intraocular lenses. <i>Journal of Cataract and Refractive Surgery</i> , 2016 , 42, 44-9	2.3	20
115	Tear meniscus evaluation by optical coherence tomography. <i>Ophthalmic Surgery, Lasers and Imaging</i> , 2006 , 37, 112-8		20
114	Effect of pupil dilation on retinal nerve fibre layer thickness measurements and their repeatability with Cirrus HD-OCT. <i>Eye</i> , 2010 , 24, 1503-8	4.4	19
113	Macular Microcysts in Mitochondrial Optic Neuropathies: Prevalence and Retinal Layer Thickness Measurements. <i>PLoS ONE</i> , 2015 , 10, e0127906	3.7	19
112	Refractive outcomes of intraocular lens power calculation using different corneal power measurements with a new optical biometer. <i>Journal of Cataract and Refractive Surgery</i> , 2018 , 44, 701-708	2.3	19
111	Effect of Gender and Race on Ocular Biometry. <i>International Ophthalmology Clinics</i> , 2017 , 57, 137-142	1.7	18
110	Optical coherence tomography angiography of the peripapillary retina and optic nerve head in dominant optic atrophy. <i>Mitochondrion</i> , 2017 , 36, 60-65	4.9	18
109	Agreement between stratus and visante optical coherence tomography systems in tear meniscus measurements. <i>Cornea</i> , 2009 , 28, 148-51	3.1	18
108	Corneal Power Measurement Obtained by Fourier-Domain Optical Coherence Tomography: Repeatability, Reproducibility, and Comparison With Scheimpflug and Automated Keratometry Measurements. <i>Cornea</i> , 2015 , 34, 1266-71	3.1	17

107	Scheimpflug camera measurement of anterior and posterior corneal curvature in eyes with previous radial keratotomy. <i>Journal of Refractive Surgery</i> , 2012 , 28, 275-9	3.3	17
106	Corneal melting associated with topical diclofenac use after laser-assisted subepithelial keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , 2006 , 32, 1570-2	2.3	17
105	Precision of a new ocular biometer in eyes with cataract using swept source optical coherence tomography combined with Placido-disk corneal topography. <i>Scientific Reports</i> , 2017 , 7, 13736	4.9	16
104	Calcium mishandling in absence of primary mitochondrial dysfunction drives cellular pathology in Wolfram Syndrome. <i>Scientific Reports</i> , 2020 , 10, 4785	4.9	16
103	Corneal powers measured with a rotating Scheimpflug camera. <i>British Journal of Ophthalmology</i> , 2016 , 100, 1196-200	5.5	16
102	Evaluation of corneal thickness using a Scheimpflug-Placido disk corneal analyzer and comparison with ultrasound pachymetry in eyes after laser in situ keratomileusis. <i>Journal of Cataract and Refractive Surgery</i> , 2013 , 39, 1074-80	2.3	16
101	Comparison of ocular biometric measurements between a new swept-source optical coherence tomography and a common optical low coherence reflectometry. <i>Scientific Reports</i> , 2017 , 7, 2484	4.9	16
100	Anterior chamber depth measurement in pseudophakic eyes: a comparison of Pentacam and ultrasound. <i>Journal of Refractive Surgery</i> , 2010 , 26, 341-7	3.3	16
99	A new slant on toric intraocular lens power calculation. <i>Journal of Refractive Surgery</i> , 2013 , 29, 348-54	3.3	16
98	Recent developments in intraocular lens power calculation methods-update 2020. <i>Annals of Translational Medicine</i> , 2020 , 8, 1553	3.2	15
97	Age-related changes in with-the-rule and oblique corneal astigmatism. <i>Acta Ophthalmologica</i> , 2018 , 96, 600-606	3.7	15
96	Comparison of optic nerve head parameter measurements obtained by time-domain and spectral-domain optical coherence tomography. <i>Journal of Glaucoma</i> , 2013 , 22, 384-9	2.1	15
95	Objective Monitoring of Corneal Backward Light Scattering After Femtosecond Laser-assisted LASIK. <i>Journal of Refractive Surgery</i> , 2016 , 32, 20-5	3.3	15
94	Agreement between lens thickness measurements by ultrasound immersion biometry and optical biometry. <i>Journal of Cataract and Refractive Surgery</i> , 2018 , 44, 1463-1468	2.3	15
93	Clinical relevance of radius of curvature error in corneal power measurements after excimer laser surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2010 , 36, 82-6	2.3	14
92	Central and midperipheral corneal thickness measured with Scheimpflug imaging and optical coherence tomography. <i>PLoS ONE</i> , 2014 , 9, e98316	3.7	14
91	Accuracy of optical biometry combined with Placido disc corneal topography for intraocular lens power calculation. <i>PLoS ONE</i> , 2017 , 12, e0172634	3.7	14
90	Repeatability of automated measurements by a new anterior segment optical coherence tomographer and biometer and agreement with standard devices. <i>Scientific Reports</i> , 2021 , 11, 983	4.9	14

89	Meta-analysis of optical low-coherence reflectometry versus partial coherence interferometry biometry. <i>Scientific Reports</i> , 2017 , 7, 43414	4.9	13
88	Intraocular lens power calculation using a Placido disk-Scheimpflug tomographer in eyes that had previous myopic corneal excimer laser surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2018 , 44, 935-941	2.2	13
87	Repeatability of anterior segment measurements by optical coherence tomography combined with Placido disk corneal topography in eyes with keratoconus. <i>Scientific Reports</i> , 2020 , 10, 1124	4.9	13
86	Total Corneal Astigmatism Measurements: Agreement Between 2 Rotating Scheimpflug Cameras. <i>Cornea</i> , 2017 , 36, 463-469	3.1	12
85	Anterior chamber depth studies. <i>Journal of Cataract and Refractive Surgery</i> , 2015 , 41, 1898-904	2.3	12
84	Comparison of 13 formulas for IOL power calculation with measurements from partial coherence interferometry. <i>British Journal of Ophthalmology</i> , 2021 , 105, 484-489	5.5	12
83	Repeatability, Reproducibility, and Agreement of Two Scheimpflug-Placido Anterior Corneal Analyzers for Posterior Corneal Surface Measurement. <i>Journal of Refractive Surgery</i> , 2017 , 33, 524-530	3.3	11
82	Accuracy of thick-lens intraocular lens power calculation based on cutting-card or calculated data for lens architecture. <i>Journal of Cataract and Refractive Surgery</i> , 2019 , 45, 1422-1429	2.3	10
81	The Repeatability Assessment of Three-Dimensional Capsule-Intraocular Lens Complex Measurements by Means of High-Speed Swept-Source Optical Coherence Tomography. <i>PLoS ONE</i> , 2015 , 10, e0142556	3.7	10
80	Evaluation of Central Corneal Thickness Using Corneal Dynamic Scheimpflug Analyzer Corvis ST and Comparison with Pentacam Rotating Scheimpflug System and Ultrasound Pachymetry in Normal Eyes. <i>Journal of Ophthalmology</i> , 2015 , 2015, 767012	2	10
79	Comparison of Anterior Segment Measurements with Scheimpflug/Placido Photography-Based Topography System and IOLMaster Partial Coherence Interferometry in Patients with Cataracts. <i>Journal of Ophthalmology</i> , 2014 , 2014, 540760	2	10
78	Comparison of AL-Scan and IOLMaster 500 Partial Coherence Interferometry Optical Biometers. <i>Journal of Refractive Surgery</i> , 2016 , 32, 694-698	3.3	10
77	Influence of Posterior Corneal Astigmatism on Total Corneal Astigmatism in Eyes With Keratoconus. <i>Cornea</i> , 2016 , 35, 1427-1433	3.1	9
76	Correlation between attempted correction and keratometric refractive index of the cornea after myopic excimer laser surgery. <i>Journal of Refractive Surgery</i> , 2007 , 23, 461-6	3.3	9
75	Repeatability and reproducibility of optical biometry implemented in a new optical coherence tomographer and comparison with a optical low-coherence reflectometer. <i>Journal of Cataract and Refractive Surgery</i> , 2019 , 45, 1619-1624	2.3	8
74	Anterior chamber and aqueous depth measurement in pseudophakic eyes: agreement between ultrasound biometry and scheimpflug imaging. <i>Journal of Refractive Surgery</i> , 2013 , 29, 121-5	3.3	8
73	Results of the Barrett True-K formula for IOL power calculation based on Scheimpflug camera measurements in eyes with previous myopic excimer laser surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2020 , 46, 1016-1019	2.3	8
72	Ocular surface changes in laser in situ keratomileusis-induced neurotrophic epitheliopathy. <i>Journal of Refractive Surgery</i> , 2004 , 20, 803-9	3.3	8

71	Estimating Total Corneal Astigmatism From Anterior Corneal Data. <i>Cornea</i> , 2017 , 36, 828-833	3.1	7
70	Clinical Results of the Hoffer H-5 Formula in 2707 Eyes: First 5th-generation Formula Based on Gender and Race. <i>International Ophthalmology Clinics</i> , 2017 , 57, 213-219	1.7	7
69	Reply: To PMID 26117311. <i>American Journal of Ophthalmology</i> , 2015 , 160, 1086-7	4.9	7
68	Surgical management of malignant glaucoma with white cataract in nanophthalmos. <i>Journal of Cataract and Refractive Surgery</i> , 2013 , 39, 1774-7	2.3	7
67	Agreement between optical coherence tomography and digital stereophotography in vertical cup-to-disc ratio measurement. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2009 , 247, 377-83	3.8	7
66	The incidence and risk factors for developing dry eye after myopic LASIK. <i>American Journal of Ophthalmology</i> , 2006 , 142, 355-6; author reply 356	4.9	7
65	Ocular findings in mitochondrial neurogastrointestinal encephalomyopathy: a case report. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2004 , 242, 878-80	3.8	7
64	Estimating the Preoperative Corneal Power With Scheimpflug Imaging in Eyes That Have Undergone Myopic LASIK. <i>Journal of Refractive Surgery</i> , 2016 , 32, 332-6	3.3	7
63	Hemorrhagic Occlusive Retinal Vasculitis After First Eye Cataract Surgery Without Subsequent Second Eye Involvement. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2016 , 47, 764-6	1.4	7
62	Comparison of keratometry and white-to-white measurements obtained by Lenstar with those obtained by autokeratometry and corneal topography. <i>Contact Lens and Anterior Eye</i> , 2015 , 38, 363-7	4.1	6
61	Outcomes of IOL power calculation using measurements by a rotating Scheimpflug camera combined with partial coherence interferometry. <i>Journal of Cataract and Refractive Surgery</i> , 2020 , 46, 1618-1623	2.3	6
60	Effect of orthokeratology on precision and agreement assessment of a new swept-source optical coherence tomography biometer. <i>Eye and Vision (London, England)</i> , 2020 , 7, 13	4.9	6
59	Validation of the SToP formula for calculating intraocular lens power in eyes with previous myopic excimer laser surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2019 , 45, 1562-1567	2.3	6
58	Optical coherence tomography for optic disc edema. <i>JAMA Ophthalmology</i> , 2011 , 129, 1245-6; author reply 1246-7		6
57	Precision and agreement of corneal power measurements obtained using a new corneal topographer OphthaTOP. <i>PLoS ONE</i> , 2015 , 10, e109414	3.7	6
56	Measurement agreement between a new biometer based on partial coherence interferometry and a validated biometer based on optical low-coherence reflectometry. <i>Journal of Cataract and Refractive Surgery</i> , 2016 , 42, 68-75	2.3	6
55	Repeatability of total Keratometry and standard Keratometry by the IOLMaster 700 and comparison to total corneal astigmatism by Scheimpflug imaging. <i>Eye</i> , 2021 , 35, 307-315	4.4	6
54	Reliability of a New Swept-Source Optical Coherence Tomography Biometer in Healthy Children, Adults, and Cataract Patients. <i>Journal of Ophthalmology</i> , 2020 , 2020, 8946364	2	5

53	Precision of a new ocular biometer in children and comparison with IOLMaster. <i>Scientific Reports</i> , 2018 , 8, 1304	4.9	5
52	Laser-assisted subepithelial keratectomy versus epipolis laser in situ keratomileusis for myopia: a meta-analysis of clinical outcomes. <i>Clinical and Experimental Ophthalmology</i> , 2014 , 42, 323-33	2.4	5
51	Pentacam equivalent K-reading. <i>Journal of Refractive Surgery</i> , 2010 , 26, 388-9; author reply 389-91	3.3	5
50	Agreement Between Predicted and Measured Ablation Depth After Femtosecond Laser-Assisted LASIK for Myopia. <i>Journal of Refractive Surgery</i> , 2016 , 32, 164-70	3.3	5
49	Measurement of central corneal thickness with optical low-coherence reflectometry and ultrasound pachymetry in normal and post-femtosecond laser in situ keratomileusis eyes. <i>Cornea</i> , 2015 , 34, 204-8	3.1	4
48	Corneal Asphericity and IOL Power Calculation in Eyes With Aspherical IOLs. <i>Journal of Refractive Surgery</i> , 2017 , 33, 476-481	3.3	4
47	The precision and agreement of corneal thickness and keratometry measurements with SS-OCT versus Scheimpflug imaging. <i>Eye and Vision (London, England)</i> , 2020 , 7, 32	4.9	3
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45	Customized Toric Intraocular Lens Implantation in Eyes with Cataract and Corneal Astigmatism after Deep Anterior Lamellar Keratoplasty: A Prospective Study. <i>Journal of Ophthalmology</i> , 2018 , 2018, 1649576	2	3
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