

Piero Barboni

List of Publications by Year in descending order

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Version: 2024-02-01

166
papers

8,711
citations

44444

50
h-index

64407

83
g-index

173
all docs

173
docs citations

173
times ranked

7130
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural history of patients with Leber hereditary optic neuropathy—results from the REALITY study. <i>Eye</i> , 2022, 36, 818-826.	1.1	37
2	Longitudinal Study of Optic Disk Perfusion and Retinal Structure in Leber's Hereditary Optic Neuropathy. , 2022, 63, 43.		2
3	Retinal vascular impairment in Wolfram syndrome: an optical coherence tomography angiography study. <i>Scientific Reports</i> , 2022, 12, 2103.	1.6	2
4	The Pattern of Retinal Ganglion Cell Loss in Wolfram Syndrome is Distinct From Mitochondrial Optic Neuropathies. <i>American Journal of Ophthalmology</i> , 2022, 241, 206-216.	1.7	5
5	Capturing the Pattern of Transition From Carrier to Affected in Leber Hereditary Optic Neuropathy. <i>American Journal of Ophthalmology</i> , 2022, 241, 71-79.	1.7	8
6	Peripapillary hyperreflective ovoid mass-like structures (PHOMS): OCTA may reveal new findings. <i>Eye</i> , 2021, 35, 528-531.	1.1	15
7	Therapeutic Options in Hereditary Optic Neuropathies. <i>Drugs</i> , 2021, 81, 57-86.	4.9	44
8	Impaired complex I repair causes recessive Leber's hereditary optic neuropathy. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	89
9	Efficacy and Safety of Intravitreal Gene Therapy for Leber Hereditary Optic Neuropathy Treated within 6 Months of Disease Onset. <i>Ophthalmology</i> , 2021, 128, 649-660.	2.5	87
10	The m.3890G>A/MT-ND1 mtDNA rare pathogenic variant: Expanding clinical and MRI phenotypes. <i>Mitochondrion</i> , 2021, 60, 142-149.	1.6	4
11	Brain functional MRI responses to blue light stimulation in Leber's hereditary optic neuropathy. <i>Biochemical Pharmacology</i> , 2021, 191, 114488.	2.0	5
12	Combined Optic Atrophy and Rod-Cone Dystrophy Expands the RTN4IP1 (Optic Atrophy 10) Phenotype. <i>Journal of Neuro-Ophthalmology</i> , 2021, 41, e290-e292.	0.4	9
13	Choroidal thickness and the retinal ganglion cell complex in chronic Leber's hereditary optic neuropathy: a prospective study using swept-source optical coherence tomography. <i>Eye</i> , 2020, 34, 1624-1630.	1.1	12
14	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.	0.7	11
15	Idebenone increases chance of stabilization/recovery of visual acuity in OPA1-dominant optic atrophy. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 590-594.	1.7	26
16	Calcium mishandling in absence of primary mitochondrial dysfunction drives cellular pathology in Wolfram Syndrome. <i>Scientific Reports</i> , 2020, 10, 4785.	1.6	33
17	ATPase Domain AFG3L2 Mutations Alter OPA1 Processing and Cause Optic Neuropathy. <i>Annals of Neurology</i> , 2020, 88, 18-32.	2.8	31
18	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.	0.7	44

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19	Hereditary Optic Neuropathies. , 2020 , 343-364.		0
20	Validation of the SToP formula for calculating intraocular lens power in eyes with previous myopic excimer laser surgery. Journal of Cataract and Refractive Surgery, 2019, 45, 1562-1567.	0.7	12
21	Optical Coherence Tomography of the Retinal Ganglion Cell Complex in Leber's Hereditary Optic Neuropathy and Dominant Optic Atrophy. Current Eye Research, 2019, 44, 638-644.	0.7	33
22	First TMEM126A missense mutation in an Italian proband with optic atrophy and deafness. Neurology: Genetics, 2019, 5, e329.	0.9	14
23	Hearing Dysfunction in a Large Family Affected by Dominant Optic Atrophy (OPA8-Related DOA): A Human Model of Hidden Auditory Neuropathy. Frontiers in Neuroscience, 2019, 13, 501.	1.4	4
24	Functional Changes of Retinal Ganglion Cells and Visual Pathways in Patients with Chronic Leber's Hereditary Optic Neuropathy during One Year of Follow-up. Ophthalmology, 2019, 126, 1033-1044.	2.5	13
25	Precision and Normative Values of a New Computerized Chart for Contrast Sensitivity Testing. Scientific Reports, 2019, 9, 16537.	1.6	4
26	SSBP1 mutations cause mtDNA depletion underlying a complex optic atrophy disorder. Journal of Clinical Investigation, 2019, 130, 108-125.	3.9	65
27	Retinal dysfunction characterizes subtypes of dominant optic atrophy. Acta Ophthalmologica, 2018, 96, e156-e163.	0.6	11
28	Optical coherence tomography is a useful tool in the differentiation between true edema and pseudoedema of the optic disc. PLoS ONE, 2018, 13, e0208145.	1.1	18
29	Peripapillary vessel density changes in Leber's hereditary optic neuropathy: a new biomarker. Clinical and Experimental Ophthalmology, 2018, 46, 1055-1062.	1.3	53
30	Intraocular lens power calculation using a Placido disk's Scheimpflug tomographer in eyes that had previous myopic corneal excimer laser surgery. Journal of Cataract and Refractive Surgery, 2018, 44, 935-941.	0.7	25
31	Topographic Macular Microvascular Changes and Correlation With Visual Loss in Chronic Leber Hereditary Optic Neuropathy. American Journal of Ophthalmology, 2018, 192, 217-228.	1.7	49
32	Peculiar combinations of individually non-pathogenic missense mitochondrial DNA variants cause low penetrance Leber's hereditary optic neuropathy. PLoS Genetics, 2018, 14, e1007210.	1.5	47
33	Visual Performance of a New Extended Depth-of-Focus Intraocular Lens Compared to a Distance-Dominant Diffractive Multifocal Intraocular Lens. Journal of Refractive Surgery, 2018, 34, 228-235.	1.1	86
34	Natural History of Conversion of Leber's Hereditary Optic Neuropathy. Ophthalmology, 2017, 124, 843-850.	2.5	59
35	Optical coherence tomography angiography of the peripapillary retina and optic nerve head in dominant optic atrophy. Mitochondrion, 2017, 36, 60-65.	1.6	21
36	Optical coherence tomography angiography in acute arteritic and non-arteritic anterior ischemic optic neuropathy. Graefes's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 2255-2261.	1.0	52

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37	Optical Coherence Tomography Angiography Macular and Peripapillary Vessel Perfusion Density in Healthy Subjects, Glaucoma Suspects, and Glaucoma Patients. , 2017, 58, 5713.		135
38	Corneal Asphericity and IOL Power Calculation in Eyes With Aspherical IOLs. Journal of Refractive Surgery, 2017, 33, 476-481.	1.1	9
39	The Photopic Negative Response: An Objective Measure of Retinal Ganglion Cell Function in Patients With Leber's Hereditary Optic Neuropathy. , 2017, 58, BIO300.		25
40	International Consensus Statement on the Clinical and Therapeutic Management of Leber Hereditary Optic Neuropathy. Journal of Neuro-Ophthalmology, 2017, 37, 371-381.	0.4	156
41	Accuracy of optical biometry combined with Placido disc corneal topography for intraocular lens power calculation. PLoS ONE, 2017, 12, e0172634.	1.1	15
42	Accuracy of a New Swept-Source Optical Coherence Tomography Biometer for IOL Power Calculation and Comparison to IOLMaster. Journal of Refractive Surgery, 2017, 33, 690-695.	1.1	31
43	Hemorrhagic Occlusive Retinal Vasculitis After First Eye Cataract Surgery Without Subsequent Second Eye Involvement. Ophthalmic Surgery Lasers and Imaging Retina, 2016, 47, 764-766.	0.4	9
44	Macular nerve fibre and ganglion cell layer changes in acute Leber's hereditary optic neuropathy. British Journal of Ophthalmology, 2016, 100, 1232-1237.	2.1	86
45	Hereditary Optic Neuropathies. , 2016, , 185-203.		0
46	A neurodegenerative perspective on mitochondrial optic neuropathies. Acta Neuropathologica, 2016, 132, 789-806.	3.9	135
47	Melanopsin retinal ganglion cell loss in Alzheimer disease. Annals of Neurology, 2016, 79, 90-109.	2.8	299
48	Changes in Choroidal Thickness follow the RNFL Changes in Leber's Hereditary Optic Neuropathy. Scientific Reports, 2016, 6, 37332.	1.6	30
49	Parsing the differences in affected with LHON: genetic versus environmental triggers of disease conversion. Brain, 2016, 139, e17-e17.	3.7	51
50	Re: Pilat et al.: High-resolution imaging of the optic nerve and retina in optic nerve hypoplasia (Ophthalmology 2015;122:1330-9). Ophthalmology, 2016, 123, e19-e20.	2.5	1
51	Orbital color Doppler ultrasound as noninvasive tool in the diagnosis of anterior-draining carotid-cavernous fistula. Radiologia Medica, 2016, 121, 301-307.	4.7	5
52	Agreement Between Predicted and Measured Ablation Depth After Femtosecond Laser-Assisted LASIK for Myopia. Journal of Refractive Surgery, 2016, 32, 164-170.	1.1	9
53	Reply. Journal of Cataract and Refractive Surgery, 2015, 41, 1798.	0.7	0
54	Optical Coherence Tomography in Alzheimer's Disease: A Meta-Analysis. PLoS ONE, 2015, 10, e0134750.	1.1	171

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55	â€˜Behr syndromeâ€™™ with OPA1 compound heterozygote mutations. <i>Brain</i> , 2015, 138, e321-e321.	3.7	50
56	Diffusion Tensor Imaging Mapping of Brain White Matter Pathology in Mitochondrial Optic Neuropathies. <i>American Journal of Neuroradiology</i> , 2015, 36, 1259-1265.	1.2	28
57	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, 785-789.	0.7	47
58	Syndromic parkinsonism and dementia associated with <sc><i>OPA</i></sc><i>1</i> missense mutations. <i>Annals of Neurology</i> , 2015, 78, 21-38.	2.8	154
59	Multifocal VEP provide electrophysiological evidence of predominant dysfunction of the optic nerve fibers derived from the central retina in Leberâ€™s hereditary optic neuropathy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 1591-1600.	1.0	13
60	Reply. <i>Journal of Cataract and Refractive Surgery</i> , 2015, 41, 1554-1555.	0.7	0
61	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, 1880-1888.	0.7	37
62	Macular Microcysts in Mitochondrial Optic Neuropathies: Prevalence and Retinal Layer Thickness Measurements. <i>PLoS ONE</i> , 2015, 10, e0127906.	1.1	24
63	Narcolepsy is a common phenotype in HSAN IE and ADCA-DN. <i>Brain</i> , 2014, 137, 1643-1655.	3.7	49
64	Medical Management of Hereditary Optic Neuropathies. <i>Frontiers in Neurology</i> , 2014, 5, 141.	1.1	53
65	Comparison of Refractive Stability After Non-toric Versus Toric Intraocular Lens Implantation During Cataract Surgery. <i>American Journal of Ophthalmology</i> , 2014, 157, 658-665.e1.	1.7	8
66	Comparison of Refractive Stability After Non-toric Versus Toric Intraocular Lens Implantation During Cataract Surgery. <i>American Journal of Ophthalmology</i> , 2014, 157, 918-919.	1.7	1
67	Intraocular Lens Power Calculation by Ray-Tracing after Myopic Excimer Laser Surgery. <i>American Journal of Ophthalmology</i> , 2014, 157, 150-153.e1.	1.7	58
68	Efficient mitochondrial biogenesis drives incomplete penetrance in Leberâ€™s hereditary optic neuropathy. <i>Brain</i> , 2014, 137, 335-353.	3.7	229
69	Influence of intraocular lens haptic design on refractive error. <i>Journal of Cataract and Refractive Surgery</i> , 2014, 40, 1473-1478.	0.7	29
70	A Novel in-Frame 18-bp Microdeletion in<i>MT-CYB</i> Causes a Multisystem Disorder with Prominent Exercise Intolerance. <i>Human Mutation</i> , 2014, 35, 954-958.	1.1	38
71	Early Macular Retinal Ganglion Cell Loss in Dominant Optic Atrophy: Genotype-Phenotype Correlation. <i>American Journal of Ophthalmology</i> , 2014, 158, 628-636.e3.	1.7	56
72	Polysomnographic and neurometabolic features may mark preclinical autosomal dominant cerebellar ataxia, deafness, and narcolepsy due to a mutation in the DNA (cytosine-5-)-methyltransferase gene, DNMT1. <i>Sleep Medicine</i> , 2014, 15, 582-585.	0.8	6

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73	Loss of temporal retinal nerve fibers in Parkinson disease: a mitochondrial pattern?. <i>European Journal of Neurology</i> , 2013, 20, 198-201.	1.7	92
74	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.	0.7	69
75	Cybrid studies establish the causal link between the mtDNA m.3890G>A/MT-ND1 mutation and optic atrophy with bilateral brainstem lesions. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 445-452.	1.8	17
76	Scheimpflug analysis of corneal power changes after myopic excimer laser surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2013, 39, 605-610.	0.7	46
77	Author reply. <i>Ophthalmology</i> , 2013, 120, e57.	2.5	0
78	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, 1900-1903.	0.7	31
79	Microcystic macular degeneration from optic neuropathy: not inflammatory, not trans-synaptic degeneration. <i>Brain</i> , 2013, 136, e239-e239.	3.7	87
80	Comparison of Optic Nerve Head Parameter Measurements Obtained by Time-domain and Spectral-domain Optical Coherence Tomography. <i>Journal of Glaucoma</i> , 2013, 22, 384-389.	0.8	17
81	Retinal Function and Neural Conduction Along the Visual Pathways in Affected and Unaffected Carriers With Leber's Hereditary Optic Neuropathy. , 2013, 54, 6893.		39
82	The Pupil Light Reflex in Leber's Hereditary Optic Neuropathy: Evidence for Preservation of Melanopsin-Expressing Retinal Ganglion Cells. , 2013, 54, 4471.		70
83	Idebenone treatment in patients with OPA1-mutant dominant optic atrophy. <i>Brain</i> , 2013, 136, e231-e231.	3.7	62
84	Melanopsin retinal ganglion cells and circadian dysfunction in Alzheimer's disease. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	5
85	Effect of EPI-743 on the Clinical Course of the Mitochondrial Disease Leber Hereditary Optic Neuropathy. <i>Archives of Neurology</i> , 2012, 69, 331.	4.9	162
86	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.	2.1	170
87	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, 787-792.	0.7	36
88	Use of a Support Vector Machine for Keratoconus and Subclinical Keratoconus Detection by Topographic and Tomographic Data. <i>Ophthalmology</i> , 2012, 119, 2231-2238.	2.5	199
89	Scheimpflug Camera Measurement of Anterior and Posterior Corneal Curvature in Eyes With Previous Radial Keratotomy. <i>Journal of Refractive Surgery</i> , 2012, 28, 275-279.	1.1	25
90	Rare Primary Mitochondrial DNA Mutations and Probable Synergistic Variants in Leber's Hereditary Optic Neuropathy. <i>PLoS ONE</i> , 2012, 7, e42242.	1.1	73

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91	Retinal Nerve Fiber Layer Thickness Variability in Leber Hereditary Optic Neuropathy Carriers. <i>European Journal of Ophthalmology</i> , 2012, 22, 985-991.	0.7	35
92	Secondary Post-Geniculate Involvement in Leber's Hereditary Optic Neuropathy. <i>PLoS ONE</i> , 2012, 7, e50230.	1.1	33
93	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, 302-309.	0.7	87
94	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, 72-76.	0.7	35
95	Comparison of anterior segment measurements by 3 Scheimpflug tomographers and 1 Placido corneal topographer. <i>Journal of Cataract and Refractive Surgery</i> , 2011, 37, 1679-1685.	0.7	82
96	Repeatability of automatic measurements by a new Scheimpflug camera combined with Placido topography. <i>Journal of Cataract and Refractive Surgery</i> , 2011, 37, 1809-1816.	0.7	139
97	Retinal Nerve Fiber Layer Thickness in Dominant Optic Atrophy. <i>Ophthalmology</i> , 2011, 118, 2076-2080.	2.5	71
98	Spectral-domain optical coherence tomography for the diagnosis and follow-up of glaucoma. <i>Current Opinion in Ophthalmology</i> , 2011, 22, 115-123.	1.3	64
99	Optical Coherence Tomography for Optic Disc Edema. <i>JAMA Ophthalmology</i> , 2011, 129, 1245.	2.6	7
100	Defective Mitochondrial Adenosine Triphosphate Production in Skeletal Muscle From Patients With Dominant Optic Atrophy Due to OPA1 Mutations. <i>Archives of Neurology</i> , 2011, 68, 67-73.	4.9	36
101	Cataract surgery in posterior polymorphous corneal dystrophy. <i>British Journal of Ophthalmology</i> , 2011, 95, 433-434.	2.1	0
102	Idebenone Treatment In Leber's Hereditary Optic Neuropathy. <i>Brain</i> , 2011, 134, e188-e188.	3.7	192
103	A clinically complex form of dominant optic atrophy (OPA8) maps on chromosome 16. <i>Human Molecular Genetics</i> , 2011, 20, 1893-1905.	1.4	36
104	Repeatability of Optic Nerve Head Parameters Measured by Spectral-Domain OCT in Healthy Eyes. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2011, 42, 209-215.	0.4	26
105	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, 369-372.	0.8	36
106	Effect of pupil dilation on retinal nerve fibre layer thickness measurements and their repeatability with Cirrus HD-OCT. <i>Eye</i> , 2010, 24, 1503-1508.	1.1	23
107	Melanopsin retinal ganglion cells are resistant to neurodegeneration in mitochondrial optic neuropathies. <i>Brain</i> , 2010, 133, 2426-2438.	3.7	164
108	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, 82-86.	0.7	19

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109	Intraocular lens power calculation after myopic excimer laser surgery: Clinical comparison of published methods. <i>Journal of Cataract and Refractive Surgery</i> , 2010, 36, 1455-1465.	0.7	45
110	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, 623-627.	2.5	183
111	OPA1 Mutations Associated with Dominant Optic Atrophy Influence Optic Nerve Head Size. <i>Ophthalmology</i> , 2010, 117, 1547-1553.	2.5	56
112	Anterior Chamber Depth Measurement in Pseudophakic Eyes: A Comparison of Pentacam and Ultrasound. <i>Journal of Refractive Surgery</i> , 2010, 26, 341-347.	1.1	18
113	Visual system involvement in patients with Friedreich's ataxia. <i>Brain</i> , 2009, 132, 116-123.	3.7	146
114	Association of Optic Disc Size with Development and Prognosis of Leber's Hereditary Optic Neuropathy. , 2009, 50, 1666.		81
115	Retinal ganglion cell neurodegeneration in mitochondrial inherited disorders. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 518-528.	0.5	204
116	Agreement between optical coherence tomography and digital stereophotography in vertical cup-to-disc ratio measurement. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2009, 247, 377-383.	1.0	7
117	Accuracy of Scheimpflug corneal power measurements for intraocular lens power calculation. <i>Journal of Cataract and Refractive Surgery</i> , 2009, 35, 1193-1197.	0.7	50
118	Agreement Between Stratus and Visante Optical Coherence Tomography Systems in Tear Meniscus Measurements. <i>Cornea</i> , 2009, 28, 148-151.	0.9	19
119	Agreement Between Pentacam and Videokeratography in Corneal Power Assessment. <i>Journal of Refractive Surgery</i> , 2009, 25, 534-538.	1.1	58
120	Retinal nerve fiber layer thickness in nonarteritic anterior ischemic optic neuropathy: OCT characterization of the acute and resolving phases. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2008, 246, 641-647.	1.0	81
121	Corneal power measurements with the Pentacam Scheimpflug camera after myopic excimer laser surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 809-813.	0.7	51
122	Rare mtDNA variants in Leber hereditary optic neuropathy families with recurrence of myoclonus. <i>Neurology</i> , 2008, 70, 762-770.	1.5	66
123	The Effect of Scan Diameter on Retinal Nerve Fiber Layer Thickness Measurement Using Stratus Optical Coherence Tomography. <i>JAMA Ophthalmology</i> , 2007, 125, 901.	2.6	35
124	G.P.18.05 Myopathy and retinopathy are novel features in a patient with Mohr-Tranebjaerg syndrome. <i>Neuromuscular Disorders</i> , 2007, 17, 891.	0.3	0
125	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, 113-115.	2.8	53
126	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.	1.1	60

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127	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.	1.1	9
128	The Incidence and Risk Factors for Developing Dry Eye After Myopic LASIK. <i>American Journal of Ophthalmology</i> , 2006, 142, 355-356.	1.7	8
129	Corneal melting associated with topical diclofenac use after laser-assisted subepithelial keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , 2006, 32, 1570-1572.	0.7	23
130	Intraocular Lens Power Calculation after Myopic Refractive Surgery. <i>Ophthalmology</i> , 2006, 113, 1271-1282.	2.5	92
131	Influence of Pupil Size and Cataract on Retinal Nerve Fiber Layer Thickness Measurements by Stratus OCT. <i>Journal of Glaucoma</i> , 2006, 15, 336-340.	0.8	78
132	Detection and Quantification of Retinal Nerve Fiber Layer Thickness in Optic Disc Edema Using Stratus OCT. <i>JAMA Ophthalmology</i> , 2006, 124, 1111.	2.6	140
133	Leber's Hereditary Optic Neuropathy with Childhood Onset. , 2006, 47, 5303.		125
134	Optic Nerve Structure in Healthy Subjects. <i>JAMA Ophthalmology</i> , 2006, 124, 1507.	2.6	4
135	Determining intraocular lens power following corneal refractive surgery. <i>Expert Review of Ophthalmology</i> , 2006, 1, 229-240.	0.3	0
136	Mitochondrial ophthalmology. , 2006, , 105-142.		13
137	Tear Meniscus Evaluation by Optical Coherence Tomography. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2006, 37, 112-118.	0.4	101
138	Subclinical carriers and conversions in Leber hereditary optic neuropathy: a prospective psychophysical study. <i>Transactions of the American Ophthalmological Society</i> , 2006, 104, 51-61.	1.4	43
139	Filtering blebs imaging by optical coherence tomography. <i>Clinical and Experimental Ophthalmology</i> , 2005, 33, 483-489.	1.3	49
140	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, 489-492.	2.1	180
141	The 13042G->A/ND5 mutation in mtDNA is pathogenic and can be associated also with a prevalent ocular phenotype. <i>Journal of Medical Genetics</i> , 2005, 43, e38-e38.	1.5	24
142	Retinal nerve fiber layer evaluation by optical coherence tomography in Leber's hereditary optic neuropathy. <i>Ophthalmology</i> , 2005, 112, 120-126.	2.5	222
143	Retinal nerve fiber layer evaluation by optical coherence tomography in unaffected carriers with Leber's hereditary optic neuropathy mutations. <i>Ophthalmology</i> , 2005, 112, 127-131.	2.5	132
144	Ocular findings in mitochondrial neurogastrointestinal encephalomyopathy: a case report. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2004, 242, 878-880.	1.0	12

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145	The ND1 gene of complex I is a mutational hot spot for Leber's hereditary optic neuropathy. <i>Annals of Neurology</i> , 2004, 56, 631-641.	2.8	102
146	Deficit of in vivo mitochondrial ATP production in OPA1-related dominant optic atrophy. <i>Annals of Neurology</i> , 2004, 56, 719-723.	2.8	132
147	Ocular Surface Changes in Laser in situ Keratomileusis-induced Neurotrophic Epitheliopathy. <i>Journal of Refractive Surgery</i> , 2004, 20, 803-809.	1.1	47
148	Ocular surface changes in laser in situ keratomileusis-induced neurotrophic epitheliopathy. <i>Journal of Refractive Surgery</i> , 2004, 20, 803-9.	1.1	8
149	Phosphorus MR spectroscopy shows a tissue specific in vivo distribution of biochemical expression of the G3460A mutation in Leber's hereditary optic neuropathy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2002, 72, 805-807.	0.9	46
150	First application of extremely high-resolution magnetic resonance imaging to study microscopic features of normal and LHON human optic nerve. <i>Ophthalmology</i> , 2002, 109, 1085-1091.	2.5	26
151	Mitochondrial DNA nucleotide changes C14482G and C14482A in the ND6 gene are pathogenic for Leber's hereditary optic neuropathy. <i>Annals of Neurology</i> , 2002, 51, 774-778.	2.8	50
152	Congenital encephalomyopathy with epilepsy, chorioretinitis, basal ganglia involvement, and muscle minicores. <i>Annals of Neurology</i> , 2000, 47, 395-399.	2.8	4
153	Pancreatic lipase-related protein 1 (PLRP1) is present in the pancreatic juice of several species. <i>BBA - Proteins and Proteomics</i> , 1998, 1387, 331-341.	2.1	46
154	Leber's Hereditary Optic Neuropathy (LHON) with 14484/ND6 mutation in a North African patient. <i>Journal of the Neurological Sciences</i> , 1998, 160, 183-188.	0.3	46
155	Pseudodoubling of the Optic Disc. <i>JAMA Ophthalmology</i> , 1998, 116, 1400.	2.6	19
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