

Alfredo A Sadun

List of Publications by Year in descending order

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Version: 2024-02-01

228
papers

12,350
citations

25034

57
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32842

100
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232
all docs

232
docs citations

232
times ranked

7922
citing authors

#	ARTICLE	IF	CITATIONS
1	Altering neuronal circuitry with 4-aminopyridine for visual improvement in Leber's hereditary optic neuropathy (LHON). Mitochondrion, 2022, 62, 181-186.	3.4	0
2	Optic Atrophy and Papilledema. , 2022, , 4489-4503.		0
3	OCT parameters of the optic nerve head and the retina as surrogate markers of brain volume in a normal population, a pilot study. Journal of the Neurological Sciences, 2021, 420, 117213.	0.6	14
4	Retina and melanopsin neurons. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 179, 315-329.	1.8	8
5	Gene Therapies for the Treatment of Leber Hereditary Optic Neuropathy. International Ophthalmology Clinics, 2021, 61, 195-208.	0.7	14
6	Optic Atrophy and Papilledema. , 2021, , 1-15.		0
7	Retinal ganglion cell dysfunction in preclinical Alzheimer's disease: an electrophysiologic biomarker signature. Scientific Reports, 2021, 11, 6344.	3.3	19
8	Efficacy and Safety of Intravitreal Gene Therapy for Leber Hereditary Optic Neuropathy Treated within 6 Months of Disease Onset. Ophthalmology, 2021, 128, 649-660.	5.2	87
9	Intravitreal Gene Therapy vs. Natural History in Patients With Leber Hereditary Optic Neuropathy Carrying the m.11778G>A ND4 Mutation: Systematic Review and Indirect Comparison. Frontiers in Neurology, 2021, 12, 662838.	2.4	42
10	Human RGR Gene and Associated Features of Age-Related Macular Degeneration Revealed in Models of Retina-Choriocapillaris Atrophy. American Journal of Pathology, 2021, 191, 1454-1473.	3.8	2
11	Cross-Sectional Analysis of Baseline Visual Parameters in Subjects Recruited Into the RESCUE and REVERSE ND4-LHON Gene Therapy Studies. Journal of Neuro-Ophthalmology, 2021, 41, 298-308.	0.8	5
12	The m.3890G>A/MT-ND1 mtDNA rare pathogenic variant: Expanding clinical and MRI phenotypes. Mitochondrion, 2021, 60, 142-149.	3.4	4
13	Brain functional MRI responses to blue light stimulation in Leber's hereditary optic neuropathy. Biochemical Pharmacology, 2021, 191, 114488.	4.4	5
14	Glaucoma as Neurodegeneration in the Brain. Eye and Brain, 2021, Volume 13, 21-28.	2.5	38
15	Benefit of Stimulus Size V Perimetry for Patients With a Dense Central Scotoma From Leber's Hereditary Optic Neuropathy. Translational Vision Science and Technology, 2021, 10, 31.	2.2	4
16	Long-Term Follow-Up After Unilateral Intravitreal Gene Therapy for Leber Hereditary Optic Neuropathy: The RESTORE Study. Journal of Neuro-Ophthalmology, 2021, 41, 309-315.	0.8	30
17	Choroidal thickness and the retinal ganglion cell complex in chronic Leber's hereditary optic neuropathy: a prospective study using swept-source optical coherence tomography. Eye, 2020, 34, 1624-1630.	2.1	12
18	William F. Hoyt: A Historical Perspective. Journal of Neuro-Ophthalmology, 2020, 40, S3-S6.	0.8	0

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19	OCTA in neurodegenerative optic neuropathies: emerging biomarkers at the eye-brain interface. Therapeutic Advances in Ophthalmology, 2020, 12, 251584142095050.	1.4	10
20	Chromatic Pupillometry Findings in Alzheimer's Disease. Frontiers in Neuroscience, 2020, 14, 780.	2.8	15
21	Re: Chauhan et al.: Differential effects of aging in the macular retinal layers, neuroretinal rim, and peripapillary retinal nerve fiber layer (Ophthalmology. 2020;127:177-185). Ophthalmology, 2020, 127, e82-e83.	5.2	0
22	Bilateral visual improvement with unilateral gene therapy injection for Leber hereditary optic neuropathy. Science Translational Medicine, 2020, 12, .	12.4	128
23	Retinal nerve fiber layer thickness predicts CSF amyloid/tau before cognitive decline. PLoS ONE, 2020, 15, e0232785.	2.5	31
24	Reply to Comment on: Cost-Effectiveness of Limited Vitrectomy for Vision Degrading Myodesopsia. American Journal of Ophthalmology, 2020, 213, 323-324.	3.3	1
25	Pathophysiology of Conversion to Symptomatic Leber Hereditary Optic Neuropathy and Therapeutic Implications: a Review. Current Neurology and Neuroscience Reports, 2020, 20, 11.	4.2	11
26	Optical Coherence Tomography in Alzheimer's Disease. , 2020, , 263-288.		1
27	Retinal changes in COVID-19 hospitalized cases. PLoS ONE, 2020, 15, e0243346.	2.5	51
28	Posterior ischemic optic neuropathy: Perioperative risk factors. Taiwan Journal of Ophthalmology, 2020, 10, 167.	0.7	5
29	Optical Coherence Tomography Angiography in Neuroophthalmology Review. Advances in Ophthalmology and Optometry, 2020, 5, 187-208.	0.3	0
30	Hereditary Optic Neuropathies. , 2020, , 343-364.		0
31	Optical coherence tomography-angiography in Wolfram syndrome: a mitochondrial etiology in disease pathophysiology. Canadian Journal of Ophthalmology, 2019, 54, e27-e30.	0.7	7
32	The retinal choroid as an oculo-vascular biomarker for Alzheimer's dementia: A histopathological study in severe disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 775-783.	2.4	13
33	Improving the visual outcome in Leber's hereditary optic neuropathy: Framework for the future. Journal of Current Ophthalmology, 2019, 31, 251-253.	0.8	1
34	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.	1.5	33
35	Cost-Effectiveness of Limited Vitrectomy for Vision-Degrading Myodesopsia. American Journal of Ophthalmology, 2019, 204, 1-6.	3.3	16
36	The Retina in Alzheimer's Disease: Histomorphometric Analysis of an Ophthalmologic Biomarker. , 2019, 60, 1491.		55

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37	The Eye in Alzheimer's Disease. Ophthalmology, 2019, 126, 511-512.	5.2	2
38	Re: Thompson: Much Ado about Nothing (or Something) – What Is the Role of Vitrectomy and Yttrium-Aluminum Garnet Laser for Vitreous Floaters? (Ophthalmol Retina. 2018;2:879-880). Ophthalmology Retina, 2019, 3, e6.	2.4	0
39	Leber's hereditary optic neuropathy: Shifting our attention to the macula. American Journal of Ophthalmology Case Reports, 2019, 13, 13-15.	0.7	9
40	Leber's hereditary optic neuropathy: Severe vascular pathology in a severe primary mutation. Intractable and Rare Diseases Research, 2019, 8, 52-55.	0.9	8
41	Pupillometry evaluation of melanopsin retinal ganglion cell function and sleep-wake activity in pre-symptomatic Alzheimer's disease. PLoS ONE, 2019, 14, e0226197.	2.5	31
42	Title is missing!. , 2019, 14, e0226197.		0
43	Title is missing!. , 2019, 14, e0226197.		0
44	Title is missing!. , 2019, 14, e0226197.		0
45	Title is missing!. , 2019, 14, e0226197.		0
46	Reply. Ophthalmology, 2018, 125, e24.	5.2	0
47	Correlation of optic disc morphometry and optic disc microvasculature assessed with optical coherence tomography angiography. Canadian Journal of Ophthalmology, 2018, 53, 595-599.	0.7	10
48	The effects of aging vitreous on contrast sensitivity function. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 919-925.	1.9	24
49	Retinal dysfunction characterizes subtypes of dominant optic atrophy. Acta Ophthalmologica, 2018, 96, e156-e163.	1.1	11
50	Optical coherence tomography is a useful tool in the differentiation between true edema and pseudoedema of the optic disc. PLoS ONE, 2018, 13, e0208145.	2.5	18
51	Peripapillary vessel density changes in Leber's hereditary optic neuropathy: a new biomarker. Clinical and Experimental Ophthalmology, 2018, 46, 1055-1062.	2.6	53
52	Reply. Ophthalmology, 2018, 125, e63.	5.2	0
53	Topographic Macular Microvascular Changes and Correlation With Visual Loss in Chronic Leber Hereditary Optic Neuropathy. American Journal of Ophthalmology, 2018, 192, 217-228.	3.3	49
54	Natural History of Conversion of Leber's Hereditary Optic Neuropathy. Ophthalmology, 2017, 124, 843-850.	5.2	59

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55	Melanopsin-expressing retinal ganglion cells are resistant to cell injury, but not always. Mitochondrion, 2017, 36, 77-84.	3.4	18
56	Retinal vessel calibre measurements by optical coherence tomography angiography. British Journal of Ophthalmology, 2017, 101, 989-992.	3.9	25
57	Melanoma-Associated Retinopathy 28 Years After Diagnosis. JAMA Ophthalmology, 2017, 135, 1276.	2.5	9
58	Optic neuropathies: the tip of the neurodegeneration iceberg. Human Molecular Genetics, 2017, 26, R139-R150.	2.9	101
59	Optical coherence tomography angiography in acute arteritic and non-arteritic anterior ischemic optic neuropathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 2255-2261.	1.9	52
60	Accuracy of Diagnostic Imaging Modalities for Classifying Pediatric Eyes as Papilledema Versus Pseudopapilledema. Ophthalmology, 2017, 124, 1839-1848.	5.2	72
61	Management of ophthalmologic manifestations of mitochondrial diseases. Genetics in Medicine, 2017, 19, 1380-1380.	2.4	4
62	Profound vision loss impairs psychological well-being in young and middle-aged individuals. Clinical Ophthalmology, 2017, Volume 11, 417-427.	1.8	45
63	Retinal Ganglion Cells and Circadian Rhythms in Alzheimer's Disease, Parkinson's Disease, and Beyond. Frontiers in Neurology, 2017, 8, 162.	2.4	81
64	Optical coherence tomography angiography of the optic disc; an overview. Journal of Ophthalmic and Vision Research, 2017, 12, 98.	1.0	67
65	The Photopic Negative Response: An Objective Measure of Retinal Ganglion Cell Function in Patients With Leber's Hereditary Optic Neuropathy. , 2017, 58, BIO300.		25
66	International Consensus Statement on the Clinical and Therapeutic Management of Leber Hereditary Optic Neuropathy. Journal of Neuro-Ophthalmology, 2017, 37, 371-381.	0.8	156
67	Treatment of Leber's Hereditary Optic Neuropathy. Current Pharmaceutical Design, 2017, 23, 624-628.	1.9	11
68	Macular nerve fibre and ganglion cell layer changes in acute Leber's hereditary optic neuropathy. British Journal of Ophthalmology, 2016, 100, 1232-1237.	3.9	86
69	Subarachnoid Hemorrhage Following Angioplasty and Stenting in a Patient with Primitive Drainage Pattern of the Basal Vein of Rosenthal. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, e222-e226.	1.6	2
70	SWEPT-SOURCE OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY OF THE OPTIC DISK IN OPTIC NEUROPATHY. Retina, 2016, 36, S168-S177.	1.7	91
71	Hereditary Optic Neuropathies. , 2016, , 185-203.		0
72	Optical Coherence Tomography in Alzheimer's Disease. , 2016, , 123-142.		0

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73	Quantifying Visual Dysfunction and the Response to Surgery in Macular Pucker. Ophthalmology, 2016, 123, 1500-1510.	5.2	20
74	Clues from Crouzon: Insights into the potential role of growth factors in the pathogenesis of myelinated retinal nerve fibers. Journal of Current Ophthalmology, 2016, 28, 232-236.	0.8	10
75	Correcting Finger Counting to Snellen Acuity. Neuro-Ophthalmology, 2016, 40, 219-221.	1.0	9
76	Melanopsin retinal ganglion cell loss in <scp>Alzheimer disease. Annals of Neurology, 2016, 79, 90-109.	5.3	299
77	Changes in Choroidal Thickness follow the RNFL Changes in Leber's Hereditary Optic Neuropathy. Scientific Reports, 2016, 6, 37332.	3.3	30
78	Parsing the differences in affected with LHON: genetic versus environmental triggers of disease conversion. Brain, 2016, 139, e17-e17.	7.6	51
79	Paradigm Shifts in Ophthalmic Diagnostics. Transactions of the American Ophthalmological Society, 2016, 114, WP1.	1.4	7
80	Advances in therapeutic strategies for Leber's hereditary optic neuropathy. Expert Opinion on Orphan Drugs, 2015, 3, 1439-1446.	0.8	1
81	Reactive Oxygen Species in Mitochondrial Optic Neuropathies. Journal of Neuro-Ophthalmology, 2015, 35, 445-446.	0.8	2
82	Proteomic Analysis of Embryonic and Young Human Vitreous. , 2015, 56, 7036.		14
83	Optical Coherence Tomography in Alzheimer's Disease: A Meta-Analysis. PLoS ONE, 2015, 10, e0134750.	2.5	171
84	Ultrasound-Based Quantification of Vitreous Floaters Correlates with Contrast Sensitivity and Quality of Life. Investigative Ophthalmology and Visual Science, 2015, 56, 1611-1617.	3.3	74
85	Targeting estrogen receptor β as preventive therapeutic strategy for Leber's hereditary optic neuropathy. Human Molecular Genetics, 2015, 24, ddv396.	2.9	62
86	Phenotypic and functional characterization of Bst \pm mouse retina. DMM Disease Models and Mechanisms, 2015, 8, 969-76.	2.4	8
87	Macular Microcysts in Mitochondrial Optic Neuropathies: Prevalence and Retinal Layer Thickness Measurements. PLoS ONE, 2015, 10, e0127906.	2.5	24
88	Ocular Changes in TgF344-AD Rat Model of Alzheimer's Disease. , 2014, 55, 523.		125
89	A Female Patient with Down Syndrome and Low-Penetrance Leber's Hereditary Optic Neuropathy. Case Reports in Ophthalmology, 2014, 5, 405-410.	0.7	0
90	Mitochondrial optic neuropathies: additional facts and concepts " response. Clinical and Experimental Ophthalmology, 2014, 42, 207-208.	2.6	5

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91	VITRECTOMY FOR FLOATERS. Retina, 2014, 34, 1062-1068.	1.7	108
92	Nutritional and Toxic Optic Neuropathies. , 2014, , 177-207.		4
93	Inner Retinal Optic Neuropathy: Vitreomacular Surgery-Associated Disruption of the Inner Retina. Investigative Ophthalmology and Visual Science, 2014, 55, 6756-6764.	3.3	9
94	Efficient mitochondrial biogenesis drives incomplete penetrance in Leber's hereditary optic neuropathy. Brain, 2014, 137, 335-353.	7.6	229
95	III.E. Vitreo-Papillary Adhesion and Traction. , 2014, , 299-310.		0
96	V.B.8. Vitreous Floaters and Vision: Current Concepts and Management Paradigms. , 2014, , 771-788.		8
97	V.A.4. Macular Hole and Macular Pucker Surgery with Special Emphasis on Reoperations. , 2014, , 613-627.		1
98	Early Macular Retinal Ganglion Cell Loss in Dominant Optic Atrophy: Genotype-Phenotype Correlation. American Journal of Ophthalmology, 2014, 158, 628-636.e3.	3.3	56
99	Reply. Retina, 2014, 34, e35-e36.	1.7	0
100	Correspondence. Retina, 2014, 34, e41-e42.	1.7	0
101	Hereditary Optic Neuropathies. , 2014, , 209-248.		0
102	Comparing EPI-743 treatment in siblings with Leber's Hereditary Optic Neuropathy mt14484 mutation. Canadian Journal of Ophthalmology, 2013, 48, e130-e133.	0.7	12
103	Are melanopsin cells blocked by filtering IOLs?. International Ophthalmology, 2013, 33, 327-328.	1.4	0
104	Bilateral vision loss responsive to corticosteroids. Survey of Ophthalmology, 2013, 58, 634-639.	4.0	3
105	Optic nerve histopathology in a case of Wolfram Syndrome: A mitochondrial pattern of axonal loss. Mitochondrion, 2013, 13, 841-845.	3.4	28
106	Microcystic macular degeneration from optic neuropathy: not inflammatory, not trans-synaptic degeneration. Brain, 2013, 136, e239-e239.	7.6	87
107	Mitochondrial dysfunction in optic neuropathies. Current Opinion in Neurology, 2013, 26, 52-58.	3.6	36
108	PROSPECTIVE THREE-DIMENSIONAL ANALYSIS OF STRUCTURE AND FUNCTION IN VITREOMACULAR ADHESION CURED BY PHARMACOLOGIC VITREOLYSIS. Retinal Cases and Brief Reports, 2013, 7, 57-61.	0.6	9

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109	The Pupil Light Reflex in Leber's Hereditary Optic Neuropathy: Evidence for Preservation of Melanopsin-Expressing Retinal Ganglion Cells. , 2013, 54, 4471.		70
110	Drug-Related Mitochondrial Optic Neuropathies. Journal of Neuro-Ophthalmology, 2013, 33, 172-178.	0.8	93
111	Mitochondrial optic neuropathies: our travels from bench to bedside and back again. Clinical and Experimental Ophthalmology, 2013, 41, 702-712.	2.6	38
112	Are We There Yet? Is Neuro-Ophthalmology at the Cusp of a Paradigm Shift? Lessons From Leber Hereditary Optic Neuropathy. Journal of Neuro-Ophthalmology, 2013, 33, 189-197.	0.8	2
113	Effect of EPI-743 on the Clinical Course of the Mitochondrial Disease Leber Hereditary Optic Neuropathy. Archives of Neurology, 2012, 69, 331.	4.5	162
114	Is Leber Hereditary Optic Neuropathy Treatable? Encouraging Results With Idebenone in Both Prospective and Retrospective Trials and An Illustrative Case. Journal of Neuro-Ophthalmology, 2012, 32, 54-57.	0.8	21
115	Leber's hereditary optic neuropathy: new quinone therapies change the paradigm. Expert Review of Ophthalmology, 2012, 7, 251-259.	0.6	3
116	Mouse mtDNA mutant model of Leber hereditary optic neuropathy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20065-20070.	7.1	189
117	Patterns of Ganglion Cell Complex and Nerve Fiber Layer Loss in Nonarteritic Ischemic Optic Neuropathy by Fourier-Domain Optical Coherence Tomography. , 2012, 53, 4539.		79
118	Association Between Retinal Nerve Fiber Layer Thickness and Abnormalities of Vision in People With Human Immunodeficiency Virus Infection. American Journal of Ophthalmology, 2012, 153, 734-742.e1.	3.3	33
119	Retinal Nerve Fiber Layer Thickness Variability in Leber Hereditary Optic Neuropathy Carriers. European Journal of Ophthalmology, 2012, 22, 985-991.	1.3	35
120	Neuron-Specific Enolase Is Elevated in Asymptomatic Carriers of Leber's Hereditary Optic Neuropathy. , 2012, 53, 6389.		12
121	Mathematically Modeling the Involvement of Axons in Leber's Hereditary Optic Neuropathy. , 2012, 53, 7608.		109
122	Secondary Post-Geniculate Involvement in Leber's Hereditary Optic Neuropathy. PLoS ONE, 2012, 7, e50230.	2.5	33
123	Retinal Nerve Fiber Layer Thickness in Dominant Optic Atrophy. Ophthalmology, 2011, 118, 2076-2080.	5.2	71
124	Oestrogens ameliorate mitochondrial dysfunction in Leber's hereditary optic neuropathy. Brain, 2011, 134, 220-234.	7.6	208
125	Melanopsin-expressing retinal ganglion cells: implications for human diseases. Vision Research, 2011, 51, 296-302.	1.4	72
126	Leber's Hereditary Optic Neuropathy. Current Treatment Options in Neurology, 2011, 13, 109-117.	1.8	126

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127	Î±-Tocotrienol quinone modulates oxidative stress response and the biochemistry of aging. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3693-3698.	2.2	85
128	Pilot Study of Optical Coherence Tomography Measurement of Retinal Blood Flow in Retinal and Optic Nerve Diseases. , 2011, 52, 840.		151
129	Low-Density Lipoprotein Receptor-Related Protein Is Decreased in Optic Neuropathy of Alzheimer Disease. Journal of Neuro-Ophthalmology, 2011, 31, 139-146.	0.8	8
130	Axonal Degeneration in Peripheral Nerves in a Case of Leber Hereditary Optic Neuropathy. Journal of Neuro-Ophthalmology, 2011, 31, 6-11.	0.8	17
131	Distinguishing wet from dry age-related macular degeneration using three-dimensional computer-automated threshold Amsler grid testing. British Journal of Ophthalmology, 2011, 95, 1419-1423.	3.9	26
132	Vitreoschisis in macular diseases. British Journal of Ophthalmology, 2011, 95, 376-380.	3.9	114
133	Abnormalities of the optic disc. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2011, 102, 117-157.	1.8	22
134	Risk factors for ethambutol optic toxicity. International Ophthalmology, 2010, 30, 63-72.	1.4	67
135	Melanopsin retinal ganglion cells are resistant to neurodegeneration in mitochondrial optic neuropathies. Brain, 2010, 133, 2426-2438.	7.6	164
136	Natural History of Leber's Hereditary Optic Neuropathy: Longitudinal Analysis of the Retinal Nerve Fiber Layer by Optical Coherence Tomography. Ophthalmology, 2010, 117, 623-627.	5.2	183
137	OPA1 Mutations Associated with Dominant Optic Atrophy Influence Optic Nerve Head Size. Ophthalmology, 2010, 117, 1547-1553.	5.2	56
138	Novel 3D Computer-Automated Threshold Amsler Grid Visual Field Testing of Scotomas in Patients with Glaucoma. European Journal of Ophthalmology, 2009, 19, 776-782.	1.3	13
139	Genotype-phenotype correlations in mitochondrial optic neuropathies. Expert Review of Ophthalmology, 2009, 4, 429-443.	0.6	1
140	Visual system involvement in patients with Friedreich's ataxia. Brain, 2009, 132, 116-123.	7.6	146
141	Association of Optic Disc Size with Development and Prognosis of Leber's Hereditary Optic Neuropathy. , 2009, 50, 1666.		81
142	Retinal ganglion cell neurodegeneration in mitochondrial inherited disorders. Biochimica Et Biophysica Acta - Bioenergetics, 2009, 1787, 518-528.	1.0	204
143	Quantitative analysis of central visual field defects in macular edema using three-dimensional computer-automated threshold Amsler grid testing. Graefes's Archive for Clinical and Experimental Ophthalmology, 2009, 247, 165-170.	1.9	27
144	Receptor for advanced glycation end products is upregulated in optic neuropathy of Alzheimer's disease. Acta Neuropathologica, 2009, 118, 381-389.	7.7	35

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145	Vitreomacular Adhesion in Active and End-Stage Age-related Macular Degeneration. American Journal of Ophthalmology, 2009, 148, 79-82.e2.	3.3	141
146	VITREO-PAPILLARY ADHESION IN MACULAR HOLE AND MACULAR PUCKER. Retina, 2009, 29, 644-650.	1.7	62
147	Axonal and Cell Body Protection By Nicotinamide Adenine Dinucleotide in Tumor Necrosis Factor-Induced Optic Neuropathy. Journal of Neuropathology and Experimental Neurology, 2009, 68, 915-927.	1.7	25
148	Tumors, Infections, Inflammations, and Neurodegenerations. , 2009, , 1069-1075.		1
149	Vitreopapillary adhesion in macular diseases. Transactions of the American Ophthalmological Society, 2009, 107, 35-44.	1.4	43
150	Retinal nerve fiber layer thickness in nonarteritic anterior ischemic optic neuropathy: OCT characterization of the acute and resolving phases. Graefe's Archive for Clinical and Experimental Ophthalmology, 2008, 246, 641-647.	1.9	81
151	Characterizing ethambutol-induced optic neuropathy with a 3D computer-automated threshold Amsler grid test. Clinical and Experimental Ophthalmology, 2008, 36, 484-488.	2.6	14
152	Vision Function in HIV-Infected Individuals without Retinitis: Report of the Studies of Ocular Complications of AIDS Research Group. American Journal of Ophthalmology, 2008, 145, 453-462.e1.	3.3	53
153	Multifocal Electroretinography in HIV-Positive Patients without Infectious Retinitis. American Journal of Ophthalmology, 2008, 146, 579-588.	3.3	24
154	Evidence for a Novel X-Linked Modifier Locus for Leber Hereditary Optic Neuropathy. Ophthalmic Genetics, 2008, 29, 17-24.	1.2	105
155	Ethambutol Optic Neuropathy: How We Can Prevent 100,000 New Cases of Blindness Each Year. Journal of Neuro-Ophthalmology, 2008, 28, 265-268.	0.8	47
156	Phosphorylated neurofilament heavy chain is a marker of neurodegeneration in Leber hereditary optic neuropathy (LHON). Molecular Vision, 2008, 14, 2443-50.	1.1	25
157	Male Prevalence of Acquired Color Vision Defects in Asymptomatic Carriers of Leber's Hereditary Optic Neuropathy. , 2007, 48, 2362.		57
158	Early detection of glaucoma by means of a novel 3D computer-automated visual field test. British Journal of Ophthalmology, 2007, 91, 1331-1336.	3.9	24
159	Optical coherence tomography can monitor reversible nerve-fibre layer changes in a patient with ethambutol-induced optic neuropathy. British Journal of Ophthalmology, 2007, 91, 839-840.	3.9	30
160	Neuroophthalmology. Neurosurgical Focus, 2007, 23, I.	2.3	0
161	Clinical Expression of Leber Hereditary Optic Neuropathy Is Affected by the Mitochondrial DNA Haplogroup Background. American Journal of Human Genetics, 2007, 81, 228-233.	6.2	331
162	Macular holes and macular pucker: the role of vitreoschisis as imaged by optical coherence tomography/scanning laser ophthalmoscopy. Transactions of the American Ophthalmological Society, 2007, 105, 121-9; discussion 129-31.	1.4	72

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163	Haplogroup Effects and Recombination of Mitochondrial DNA: Novel Clues from the Analysis of Leber Hereditary Optic Neuropathy Pedigrees. American Journal of Human Genetics, 2006, 78, 564-574.	6.2	166
164	Leber Hereditary Optic Neuropathy Possibly Triggered by Exposure to Tire Fire. Journal of Neuro-Ophthalmology, 2006, 26, 268-272.	0.8	33
165	Detection and Quantification of Retinal Nerve Fiber Layer Thickness in Optic Disc Edema Using Stratus OCT. JAMA Ophthalmology, 2006, 124, 1111.	2.4	140
166	TNF- α -Induced Optic Nerve Degeneration and Nuclear Factor- κ B p65. , 2006, 47, 1448.		116
167	Leber's Hereditary Optic Neuropathy with Childhood Onset. , 2006, 47, 5303.		125
168	Update on ethambutol optic neuropathy. Expert Opinion on Drug Safety, 2006, 5, 615-618.	2.4	56
169	Subclinical carriers and conversions in Leber hereditary optic neuropathy: a prospective psychophysical study. Transactions of the American Ophthalmological Society, 2006, 104, 51-61.	1.4	43
170	SCOTOMAS OF AGE-RELATED MACULAR DEGENERATION DETECTED AND CHARACTERIZED BY MEANS OF A NOVEL THREE-DIMENSIONAL COMPUTER-AUTOMATED VISUAL FIELD TEST. Retina, 2005, 25, 446-453.	1.7	32
171	Optical coherence tomography can measure axonal loss in patients with ethambutol-induced optic neuropathy. Graefes's Archive for Clinical and Experimental Ophthalmology, 2005, 243, 410-416.	1.9	81
172	Bifurcating Axons Account for the Increase in Axonal Population in Posterior Human Optic Nerve. Neuro-Ophthalmology, 2005, 29, 109-114.	1.0	3
173	Optic Nerve Size and Constituent Components: Posterior Is More. Neuro-Ophthalmology, 2005, 29, 103-107.	1.0	5
174	Chromatic and Luminance Contrast Sensitivities in Asymptomatic Carriers from a Large Brazilian Pedigree of 11778 Leber Hereditary Optic Neuropathy. , 2005, 46, 4809.		41
175	Three-dimensional computer-automated threshold Amsler grid test. Journal of Biomedical Optics, 2004, 9, 149.	2.6	39
176	Mitochondrial dysfunction as a cause of optic neuropathies. Progress in Retinal and Eye Research, 2004, 23, 53-89.	15.5	714
177	Visual Electrophysiologic Findings in Patients From an Extensive Brazilian Family with Leber's Hereditary Optic Neuropathy Visual electrophysiology in LHON. Documenta Ophthalmologica, 2004, 108, 147-155.	2.2	29
178	Sleep disturbances in young subjects with visual dysfunction: discussion by. Ophthalmology, 2004, 111, 302-303.	5.2	5
179	Ophthalmologic findings in a large pedigree of 11778/Haplogroup J Leber hereditary optic neuropathy. American Journal of Ophthalmology, 2004, 137, 271-277.	3.3	78
180	Extensive investigation of a large Brazilian pedigree of 11778/haplogroup J Leber hereditary optic neuropathy. American Journal of Ophthalmology, 2003, 136, 231-238.	3.3	142

#	ARTICLE	IF	CITATIONS
181	Metabolic optic neuropathies. <i>Seminars in Ophthalmology</i> , 2002, 17, 29-32.	1.6	76
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185	Perioperative risk factors for posterior ischemic optic neuropathy ¹ 1No competing interests declared.. <i>Journal of the American College of Surgeons</i> , 2002, 194, 705-710.	0.5	117
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187	Retinal nerve fiber layer evaluation in human immunodeficiency virusâ€“positive patients. <i>American Journal of Ophthalmology</i> , 2001, 131, 216-222.	3.3	32
188	Optic neuropathy in Lhon and Leigh syndrome. <i>Ophthalmology</i> , 2001, 108, 1172-1173.	5.2	24
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