Thomas M Bosley

List of Publications by Year
in descending order

99 papers	3,581 citations	147801 31 h-index	168389 53 g-index
100 all docs	100 docs citations	100 times ranked	3586 citing authors

#	Article	IF	Citations
1	Mutations in a Human ROBO Gene Disrupt Hindbrain Axon Pathway Crossing and Morphogenesis. Science, 2004, 304, 1509-1513.	12.6	361
2	Mitochondrial Abnormalities in Patients with Primary Open-Angle Glaucoma. , 2006, 47, 2533.		293
3	Homozygous HOXA1 mutations disrupt human brainstem, inner ear, cardiovascular and cognitive development. Nature Genetics, 2005, 37, 1035-1037.	21.4	267
4	Homozygous mutations in ARIX(PHOX2A) result in congenital fibrosis of the extraocular muscles type 2. Nature Genetics, 2001, 29, 315-320.	21.4	201
5	Recognition of Gonadotroph Adenomas in Women. New England Journal of Medicine, 1991, 324, 589-594.	27.0	140
6	Carotid cavernous fistula: Ophthalmological implications. Middle East African Journal of Ophthalmology, 2009, 16, 57.	0.3	97
7	Eurasian and African mitochondrial DNA influences in the Saudi Arabian population. BMC Evolutionary Biology, 2007, 7, 32.	3.2	96
8	Mitochondrial Abnormalities in Patients with LHON-like Optic Neuropathies. , 2006, 47, 4211.		92
9	Identification ofKIF21AMutations as a Rare Cause of Congenital Fibrosis of the Extraocular Muscles Type 3 (CFEOM3). , 2004, 45, 2218.		83
10	Recent Progress in Understanding Congenital Cranial Dysinnervation Disorders. Journal of Neuro-Ophthalmology, 2011, 31, 69-77.	0.8	70
11	Orbit deformities in craniofacial neurofibromatosis type 1. American Journal of Neuroradiology, 2003, 24, 1678-82.	2.4	67
12	Loss of MAFB Function in Humans and Mice Causes Duane Syndrome, Aberrant Extraocular Muscle Innervation, and Inner-Ear Defects. American Journal of Human Genetics, 2016, 98, 1220-1227.	6.2	66
13	Glaucoma and Globe Enlargement Associated with Neurofibromatosis Type 1. Ophthalmology, 2009, 116, 1725-1730.	5.2	64
14	Use of cerebral evoked potentials to evaluate spinal somatosensory function in patients with traumatic and surgical myelopathies. Journal of Neurosurgery, 1980, 52, 654-660.	1.6	63
15	Biallelic mutations in human DCC cause developmental split-brain syndrome. Nature Genetics, 2017, 49, 606-612.	21.4	62
16	Neurological features of congenital fibrosis of the extraocular muscles type 2 with mutations in PHOX2A. Brain, 2006, 129, 2363-2374.	7.6	59
17	Reassessment of sphenoid dysplasia associated with neurofibromatosis type 1. American Journal of Neuroradiology, 2002, 23, 644-8.	2.4	56
18	Mitochondrial DNA nucleotide changes in non-arteritic ischemic optic neuropathy. Neurology, 2004, 63, 1305-1308.	1.1	54

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19	Detection of Mitochondrial Respiratory Dysfunction in Circulating Lymphocytes Using Resazurin. Archives of Pathology and Laboratory Medicine, 2005, 129, 1295-1298.	2.5	51
20	Nuclear and Mitochondrial Analysis of Patients with Primary Angle-Closure Glaucoma. , 2007, 48, 5591.		50
21	Combined Central Retinal Vein Occlusion and Cilioretinal Artery Occlusion Associated With Prolonged Retinal Arterial Filling. American Journal of Ophthalmology, 1994, 117, 308-313.	3.3	49
22	Five new consanguineous families with horizontal gaze palsy and progressive scoliosis and novel ROBO3 mutations. Journal of the Neurological Sciences, 2009, 276, 22-26.	0.6	45
23	Analysis of nuclear and mitochondrial genes in patients with pseudoexfoliation glaucoma. Molecular Vision, 2008, 14, 29-36.	1.1	45
24	Silicone nasolacrimal intubation with mitomycin-C: a prospective, randomized, double-masked study. Ophthalmology, 2003, 110, 306-310.	5.2	44
25	Optic nerve sheath decompression: A clinical review and proposed pathophysiologic mechanism. Australian and New Zealand Journal of Ophthalmology, 1990, 18, 365-373.	0.4	43
26	Epidemiology of giant-cell arteritis in an Arab population: a 22-year study. British Journal of Ophthalmology, 2007, 91, 715-718.	3.9	43
27	New Findings in a Global Approach to Dissect the Whole Phenotype of PLA2G6 Gene Mutations. PLoS ONE, 2013, 8, e76831.	2.5	42
28	Congenital cranial dysinnervation disorders. Current Opinion in Ophthalmology, 2013, 24, 398-406.	2.9	41
29	Electrophysiological localization of central somatosensory lesions in patients with multiple sclerosis. Electroencephalography and Clinical Neurophysiology, 1978, 44, 742-753.	0.3	37
30	The neurology of carbonic anhydrase type II deficiency syndrome. Brain, 2011, 134, 3502-3515.	7.6	37
31	Mitochondrial T9957C Mutation in Association with NAION and Seizures but not MELAS. Ophthalmic Genetics, 2005, 26, 31-36.	1.2	36
32	Glutathione S-transferase M1 and T1 polymorphisms in Arab glaucoma patients. Molecular Vision, 2008, 14, 425-30.	1.1	35
33	Visual and neurologic sequelae of methanol poisoning in Saudi Arabia. Journal of King Abdulaziz University, Islamic Economics, 2015, 36, 568-574.	1.1	33
34	Ocular Pneumoplethysmography Can Help in the Diagnosis of Giant-Cell Arteritis. JAMA Ophthalmology, 1989, 107, 379.	2.4	32
35	Inhibition of Follicle-Stimulating Hormone Secretion from Gonadotroph Adenomas by Repetitive Administration of a Gonadotropin-Releasing Hormone Antagonist*. Journal of Clinical Endocrinology and Metabolism, 1990, 71, 92-97.	3.6	31
36	Positron Emission Tomography to Study the Effect of Eye Closure and Optic Nerve Damage on Human Cerebral Glucose Metabolism. American Journal of Ophthalmology, 1989, 108, 147-152.	3.3	30

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37	Electrophysiologic evidence of subclinical injury to the posterior columns of the human spinal cord after therapeutic radiation. Cancer, 1982, 50, 2815-2819.	4.1	26
38	Down-regulation of OPA1 in patients with primary open angle glaucoma. Molecular Vision, 2011, 17, 1074-9.	1.1	24
39	Low-Contrast Letter Charts to Detect Subtle Neuropathies. American Journal of Ophthalmology, 1988, 105, 141-145.	3.3	23
40	Visual Loss in Orbitofacial Neurofibromatosis Type 1. Ophthalmology, 2012, 119, 2168-2173.	5.2	23
41	Sporadic Bilateral Optic Neuropathy in Children: The Role of Mitochondrial Abnormalities. , 2008, 49, 5250.		20
42	Xq26.3 Microdeletion in a Male with Wildervanck Syndrome. Ophthalmic Genetics, 2014, 35, 18-24.	1.2	19
43	Mitochondrial changes in leukocytes of patients with optic neuritis. Molecular Vision, 2007, 13, 1516-28.	1.1	19
44	Partial chromosome 7 duplication with a phenotype mimicking the HOXA1 spectrum disorder. Ophthalmic Genetics, 2013, 34, 90-96.	1.2	18
45	Genome-wide expression profile of LHON patients with the 11778 mutation. British Journal of Ophthalmology, 2010, 94, 256-259.	3.9	17
46	Ophthalmologic abnormalities in a de novo terminal 6q deletion. Ophthalmic Genetics, 2010, 31, 1-11.	1.2	17
47	Ophthalmological and intracranial anomalies in patients with clinical anophthalmos. Eye, 2000, 14, 82-87.	2.1	15
48	Horizontal gaze palsy and progressive scoliosis due to a deleterious mutation inROBO3. Ophthalmic Genetics, 2011, 32, 231-236.	1.2	15
49	The role of mitochondrial haplogroups in glaucoma: a study in an Arab population. Molecular Vision, 2008, 14, 518-22.	1.1	14
50	Orbital color Doppler imaging of optic nerve tumors. International Ophthalmology, 1999, 23, 11-15.	1.4	13
51	Neurologic Injury in Isolated Sulfite Oxidase Deficiency. Canadian Journal of Neurological Sciences, 2014, 41, 42-48.	0.5	13
52	Cupping of the optic disk after methanol poisoning. British Journal of Ophthalmology, 2015, 99, 1220-1223.	3.9	13
53	Unaltered myocilin expression in the blood of primary open angle glaucoma patients. Molecular Vision, 2012, 18, 1004-9.	1.1	13
54	Neuro-Imaging and Positron Emission Tomography of Congenital Homonymous Hemianopsia. American Journal of Ophthalmology, 1991, 111, 413-418.	3.3	12

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55	Congenital Myasthenic Syndrome Due to Homozygous CHRNE Mutations: Report of Patients in Arabia. Journal of Neuro-Ophthalmology, 2011, 31, 42-47.	0.8	12
56	Horizontal gaze palsy and progressive scoliosis withoutROBO3mutations. Ophthalmic Genetics, 2011, 32, 212-216.	1.2	11
57	Spectrum of MRI findings in 58 patients with methanol intoxication: Long-term visual and neurological correlation. Egyptian Journal of Radiology and Nuclear Medicine, 2016, 47, 1049-1055.	0.6	11
58	Choroid plexus papilloma metastases to both cerebellopontine angles mimicking neurofibromatosis type 2. Journal of Neurology, 2011, 258, 504-506.	3.6	10
59	Preimplantation Genetic Diagnosis in Isolated Sulfite Oxidase Deficiency. Canadian Journal of Neurological Sciences, 2013, 40, 109-112.	0.5	10
60	Partial Duplication of Chromosome 19 Associated with Syndromic Duane Retraction Syndrome. Ophthalmic Genetics, 2015, 36, 14-20.	1.2	10
61	The Role of Carotid Noninvasive Tests in Stroke Prevention. Seminars in Neurology, 1986, 6, 194-203.	1.4	9
62	Microdeletions involving Chromosomes 12 and 22 Associated with Syndromic Duane Retraction Syndrome. Ophthalmic Genetics, 2014, 35, 162-169.	1.2	8
63	NEW OBSERVATIONS REGARDING THE RETINOPATHY OF GENETICALLY CONFIRMED KEARNSâ€“SAYRE SYNDROME. Retinal Cases and Brief Reports, 2018, 12, 349-358.	0.6	8
64	Variable Ptosis after Botulinum Toxin Type A Injection with Positive Ice Test Mimicking Ocular Myasthenia Gravis. Journal of Neuro-Ophthalmology, 2013, 33, 169-171.	0.8	7
65	Hemifacial Spasm and Osteitis Deformans. American Journal of Ophthalmology, 1995, 119, 376-377.	3.3	6
66	Giant cell arteritis in Saudi Arabia. , 1998, 22, 59-60.		6
67	Central Retinal Vein Occlusion in a Childhood Optic Nerve Tumour. Neuro-Ophthalmology, 2016, 40, 35-39.	1.0	6
68	High-resolution analysis of DNA copy number alterations in patients with primary open-angle glaucoma. Molecular Vision, 2009, 15, 1594-8.	1.1	6
69	Mutation in GM2A Leads to a Progressive Chorea-dementia Syndrome. Tremor and Other Hyperkinetic Movements, 2015, 5, 306.	2.0	6
70	PIGMENTARY EPITHELIOPATHY, DISC EDEMA, AND LEAD INTOXICATION. Retina, 1988, 8, 154-157.	1.7	5
71	Microvascular Cranial Nerve Palsies in an Arabic Population. Journal of Neuro-Ophthalmology, 1999, 19, 252???256.	0.8	5
72	Mitochondrial DNA abnormalities in NAION. British Journal of Ophthalmology, 2007, 91, 1561-1561.	3.9	5

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73	Prominent corneal nerves: a novel sign of lipoid proteinosis. British Journal of Ophthalmology, 2012, 96, 935-940.	3.9	5
74	Ocular motility abnormalities in orbitofacial neurofibromatosis type 1. Journal of AAPOS, 2014, 18, 338-343.	0.3	5
75	CCDD Phenotype Associated with a Small Chromosome 2 Deletion. Seminars in Ophthalmology, 2015, 30, 435-442.	1.6	5
76	Relative Frequencies of Arteritic and Nonarteritic Anterior Ischemic Optic Neuropathy in an Arab Population. Journal of Neuro-Ophthalmology, 2017, 37, 382-385.	0.8	5
77	Absence of altered expression of optineurin in primary open angle glaucoma patients. Molecular Vision, 2012, 18, 1421-7.	1.1	5
78	Optic disk and white matter abnormalities in a patient with ade novo18p partial monosomy. Ophthalmic Genetics, 2010, 31, 147-154.	1.2	4
79	Assessing mitochondrial DNA nucleotide changes in spontaneous optic neuropathies. Ophthalmic Genetics, 2010, 31, 163-172.	1.2	4
80	Nicotinic Receptor Mutation in a Mildly Dysmorphic Girl with Duane Retraction Syndrome. Ophthalmic Genetics, 2015, 36, 99-104.	1.2	4
81	Duane retraction syndrome in a patient with Duchenne muscular dystrophy. Ophthalmic Genetics, 2016, 37, 276-280.	1.2	4
82	When straight eyes won't move: phenotypic overlap of genetically distinct ocular motility disturbances. Canadian Journal of Ophthalmology, 2011, 46, 477-480.	0.7	3
83	Duane Retraction Syndrome Associated with a Small X Chromosome Deletion. Canadian Journal of Neurological Sciences, 2016, 43, 445-447.	0.5	3
84	The genetics of nonsyndromic bilateral Duane retraction syndrome. Journal of AAPOS, 2016, 20, 396-400.e2.	0.3	3
85	Use of En Face Optical Coherence Tomography to Monitor Papilledema in Idiopathic Intracranial Hypertension: A Pilot Study. Journal of Neuro-Ophthalmology, 2021, 41, 212-216.	0.8	3
86	Reassessment of the Pathologic Significance of the 9438 Mitochondrial DNA mutation Associated with LHON. Ophthalmic Genetics, 2007, 28, 229-230.	1.2	2
87	Ophthalmologic Observations in a Patient with Partial Mosaic Trisomy 8. Ophthalmic Genetics, 2013, 34, 249-253.	1.2	2
88	HOXA1 Mutations are Not Commonly Associated with Non-Syndromic Deafness. Canadian Journal of Neurological Sciences, 2014, 41, 448-451.	0.5	2
89	Coats-like retinopathy in Joubert syndrome. Journal of AAPOS, 2016, 20, 372-374.	0.3	2
90	Walsh and Hoyt's Clinical Neuro-ophthalmology. Neurosurgery, 1996, 38, 614.	1.1	2

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91	Retrospective review of visual outcome in operated lens subluxation. Journal of King Abdulaziz University, Islamic Economics, 2013, 34, 1030-4.	1.1	2
92	The Role of Mitochondrial Haplogroups in Non-arteritic Anterior Ischemic Optic Neuropathy. Ophthalmic Genetics, 2008, 29, 111-116.	1.2	1
93	Optic Neuritis Associated With Tumor Necrosis Factorâ€“Alpha Inhibitor Certolizumab. Journal of Neuro-Ophthalmology, 2021, 41, e713-e714.	0.8	1
94	Ocular Pneumoplethysmography in Giant-Cell Arteritis-Reply. JAMA Ophthalmology, 1989, 107, 1279.	2.4	0
95	Effect of screening for syphilis on the management of patients with cerebrovascular disease. Journal of Stroke and Cerebrovascular Diseases, 1995, 5, 197-201.	1.6	0
96	Nasolacrimal intubation with mitomycin c: Author reply. Ophthalmology, 2004, 111, 417.	5.2	0
97	Living and working abroad as a neurologist. Neurology: Clinical Practice, 2012, 2, 328-334.	1.6	0
98	Third Nerve Palsy. , 2021, , 117-127.		0
99	Novel Ocular Features in a Child with Marinesco-SjÃ¶gren Syndrome: Case Report and Literature Review. SN Comprehensive Clinical Medicine, 2021, 3, 1968-1972.	0.6	0