

Asaf Achiron

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

2,104
citations

304602

22
h-index

265120

42
g-index

125
all docs

125
docs citations

125
times ranked

2410
citing authors

#	ARTICLE	IF	CITATIONS
1	Intravenous immunoglobulin treatment in multiple sclerosis Effect on relapses. <i>Neurology</i> , 1998, 50, 398-402.	1.5	242
2	Cognitive impairment in probable multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2003, 74, 443-446.	0.9	220
3	Cognitive patterns and progression in multiple sclerosis: construction and validation of percentile curves. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 744-749.	0.9	103
4	Dexanabiol (HU-211) effect on experimental autoimmune encephalomyelitis: implications for the treatment of acute relapses of multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2000, 102, 26-31.	1.1	82
5	Prolonged response times characterize cognitive performance in multiple sclerosis. <i>European Journal of Neurology</i> , 2007, 14, 1102-1108.	1.7	69
6	Multiple Sclerosis—From Probable to Definite Diagnosis. <i>Archives of Neurology</i> , 2000, 57, 974.	4.9	67
7	Intravenous immunoglobulin treatment in the prevention of childbirth-associated acute exacerbations in multiple sclerosis: a pilot study. <i>Journal of Neurology</i> , 1995, 243, 25-28.	1.8	64
8	Peripheral blood gene expression signature mirrors central nervous system disease: The model of multiple sclerosis. <i>Autoimmunity Reviews</i> , 2006, 5, 517-522.	2.5	64
9	Superior temporal gyrus thickness correlates with cognitive performance in multiple sclerosis. <i>Brain Structure and Function</i> , 2013, 218, 943-950.	1.2	61
10	Cognitive changes in early MS: A call for a common framework. <i>Journal of the Neurological Sciences</i> , 2006, 245, 47-51.	0.3	56
11	Impaired Expression of Peripheral Blood Apoptotic-Related Gene Transcripts in Acute Multiple Sclerosis Relapse. <i>Annals of the New York Academy of Sciences</i> , 2007, 1107, 155-167.	1.8	55
12	Immunoglobulin treatment in refractory myasthenia gravis. , 2000, 23, 551-555.		54
13	Prevalence of overweight, obesity and metabolic syndrome components in multiple sclerosis patients with significant disability. <i>European Journal of Neurology</i> , 2015, 22, 1275-1279.	1.7	45
14	Modifiable factors in the management of glaucoma: a systematic review of current evidence. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 789-796.	1.0	40
15	T cell vaccination in multiple sclerosis relapsing—remitting nonresponders patients. <i>Clinical Immunology</i> , 2004, 113, 155-160.	1.4	39
16	Abnormal Liver Test Results in Myotonic Dystrophy. <i>Journal of Clinical Gastroenterology</i> , 1998, 26, 292-295.	1.1	35
17	Suppression of Experimental Autoimmune Encephalomyelitis by Intravenously Administered Polyclonal Immunoglobulins. <i>Journal of Autoimmunity</i> , 2000, 15, 323-330.	3.0	33
18	Anti-inflammatory Medication After Cataract Surgery and Posterior Capsular Opacification. <i>American Journal of Ophthalmology</i> , 2020, 215, 104-111.	1.7	27

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19	Predicting Refractive Surgery Outcome: Machine Learning Approach With Big Data. <i>Journal of Refractive Surgery</i> , 2017, 33, 592-597.	1.1	25
20	Zinc-ion binding and cytokine activity regulation pathways predicts outcome in relapsing—remitting multiple sclerosis. <i>Clinical and Experimental Immunology</i> , 2007, 149, 235-242.	1.1	24
21	Chromatic Multifocal Pupillometer for Objective Perimetry and Diagnosis of Patients with Retinitis Pigmentosa. <i>Ophthalmology</i> , 2016, 123, 1898-1911.	2.5	24
22	Accelerated Corneal Cross-linking as an Adjunct Therapy in the Management of Presumed Bacterial Keratitis: A Cohort Study. <i>Journal of Refractive Surgery</i> , 2020, 36, 258-264.	1.1	24
23	Tardive eating dystonia. <i>Movement Disorders</i> , 1990, 5, 331-333.	2.2	22
24	Understanding Autoimmune Mechanisms in Multiple Sclerosis Using Gene Expression Microarrays: Treatment Effect and Cytokine-related Pathways. <i>Clinical and Developmental Immunology</i> , 2004, 11, 299-305.	3.3	22
25	Gender effects in relapsing—remitting multiple sclerosis: Correlation between clinical variables and gene expression molecular pathways. <i>Journal of the Neurological Sciences</i> , 2009, 286, 47-53.	0.3	22
26	Incision and Curettage Versus Steroid Injection for the Treatment of Chalazia: A Meta-Analysis. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2016, 32, 220-224.	0.4	22
27	Quantifying metamorphopsia in patients with diabetic macular oedema and other macular abnormalities. <i>Acta Ophthalmologica</i> , 2015, 93, e649-53.	0.6	21
28	Treatment of retinal artery occlusion using transluminal Nd:YAG laser: a systematic review and meta-analysis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 1869-1877.	1.0	21
29	Corneal Cross-linking in Thin Corneas: 1-Year Results of Accelerated Contact Lens—Assisted Treatment of Keratoconus. <i>Journal of Refractive Surgery</i> , 2019, 35, 642-648.	1.1	20
30	Intravenous immune globulin in multiple sclerosis: clinical and neuroradiological results and implications for possible mechanisms of action. <i>Clinical and Experimental Immunology</i> , 1996, 104, 67-70.	1.1	18
31	Reducing visible aerosol generation during phacoemulsification in the era of Covid-19. <i>Eye</i> , 2021, 35, 1405-1410.	1.1	18
32	Reduction of intraocular pressure after bariatric surgery. <i>Acta Ophthalmologica</i> , 2018, 96, e592-e595.	0.6	17
33	High Agreement between Barrett Universal II Calculations with and without Utilization of Optional Biometry Parameters. <i>Journal of Clinical Medicine</i> , 2021, 10, 542.	1.0	17
34	Injury to white matter tracts in relapsing—remitting multiple sclerosis: A possible therapeutic window within the first 5—years from onset using diffusion-tensor imaging tract-based spatial statistics. <i>NeuroImage: Clinical</i> , 2015, 8, 261-266.	1.4	16
35	Retinal layers thickness changes following epiretinal membrane surgery. <i>Eye</i> , 2018, 32, 555-562.	1.1	14
36	Peak Occurrence of Retinal Detachment following Cataract Surgery: A Systematic Review and Pooled Analysis with Internal Validation. <i>Journal of Ophthalmology</i> , 2018, 2018, 1-6.	0.6	14

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37	OPTICAL COHERENCE TOMOGRAPHY BIOMARKERS TO DISTINGUISH DIABETIC MACULAR EDEMA FROM PSEUDOPHAKIC CYSTOID MACULAR EDEMA USING MACHINE LEARNING ALGORITHMS. <i>Retina</i> , 2019, 39, 2283-2291.	1.0	14
38	The Effect of Blue-Light Filtering Intraocular Lenses on the Development and Progression of Neovascular Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2021, 128, 410-416.	2.5	14
39	Detection of proviral human T-cell lymphotropic virus type I DNA in mouthwash samples of HAM/TSP patients and HTLV-I carriers. <i>Archives of Virology</i> , 1996, 141, 147-153.	0.9	13
40	Intraocular pressure measurement after DSAEK by iCare, Goldmann applanation and dynamic contour tonometry: A comparative study. <i>Journal Francais D'Ophthalmologie</i> , 2016, 39, 822-828.	0.2	13
41	Neural correlates of gait variability in people with multiple sclerosis with fall history. <i>European Journal of Neurology</i> , 2018, 25, 1243-1249.	1.7	13
42	Association between intraocular lens diopter and posterior capsular opacification. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 889-894.	1.3	13
43	Progression of Pediatric Keratoconus After Corneal Cross-Linking: A Systematic Review and Pooled Analysis. <i>Cornea</i> , 2022, 41, 874-878.	0.9	13
44	The Role of B Cells in the Early Onset of the First Demyelinating Event of Acute Optic Neuritis. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 1349-1356.	3.3	12
45	A Simple Pre-Operative Nuclear Classification Score (SPONCS) for Grading Cataract Hardness in Clinical Studies. <i>Journal of Clinical Medicine</i> , 2020, 9, 3503.	1.0	12
46	Psoriasis comorbidity affects multiple sclerosis neurological progression: a retrospective case â€“ control analysis. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2017, 31, 2055-2061.	1.3	11
47	Photoreceptor Integrity Predicts Response to Anti-VEGF Treatment. <i>Ophthalmic Research</i> , 2017, 57, 37-41.	1.0	10
48	Ophthalmic emergency-room visits during the Covid-19 pandemic â€“ a comparative study. <i>BMC Ophthalmology</i> , 2021, 21, 210.	0.6	10
49	Sleep Disturbances Among Female Nurses: Comparing Shift to Day Work. <i>Chronobiology International</i> , 1995, 12, 345-350.	0.9	9
50	Chorio-retinal toxoplasmosis: treatment outcomes, lesion evolution and long-term follow-up in a single tertiary center. <i>International Ophthalmology</i> , 2020, 40, 811-821.	0.6	9
51	PACK Cross-Linking as Adjuvant Therapy Improves Clinical Outcomes in Culture-Confirmed Bacterial Keratitis. <i>Cornea</i> , 2022, 41, 1069-1073.	0.9	9
52	Predicting Cataract Surgery Time Based on Preoperative Risk Assessment. <i>European Journal of Ophthalmology</i> , 2016, 26, 226-229.	0.7	8
53	TOPICAL APRACLONIDINE REDUCES PAIN AFTER INTRAVITREAL INJECTIONS. <i>Retina</i> , 2017, 37, 1575-1580.	1.0	8
54	The role of laquinimod in modulation of the immune response in relapsingâ€“remitting multiple sclerosis: Lessons from gene expression signatures. <i>Journal of Neuroimmunology</i> , 2015, 283, 11-16.	1.1	7

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55	Comparison of the Tolerability of Diclofenac and Nepafenac. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2016, 32, 601-605.	0.6	7
56	Intraocular Pressure Spikes following Neodymium-doped Yttrium Aluminum Garnet Laser Capsulotomy: Current Prevalence and Management in Israel. <i>Journal of Current Glaucoma Practice</i> , 2017, 11, 63-66.	0.1	7
57	Frequency, comprehension and attitudes of physicians towards abbreviations in the medical record. <i>Postgraduate Medical Journal</i> , 2018, 94, 254-258.	0.9	7
58	Prophylactic exposure of human corneal endothelial cells to Rho-associated kinase inhibitor reduced apoptosis rate after phacoemulsification: Ex vivo study. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 1261-1266.	0.7	7
59	Intracameral r-tPA for the management of severe fibrinous reactions in TASS after cataract surgery. <i>European Journal of Ophthalmology</i> , 2022, 32, 200-204.	0.7	7
60	Relationship Between Prolonged Intraocular Inflammation and Macular Edema After Cataract Surgery. <i>Translational Vision Science and Technology</i> , 2021, 10, 15.	1.1	7
61	Use of Intravenous Immunoglobulin in Multiple Sclerosis. <i>BioDrugs</i> , 1998, 9, 465-475.	2.2	6
62	Fluoxetine treatment for weight reduction in steroid-induced obesity: a pilot study in myasthenia gravis patients. <i>European Neuropsychopharmacology</i> , 1999, 9, 111-113.	0.3	6
63	Acute angle closure glaucoma precipitated by olanzapine. <i>International Journal of Geriatric Psychiatry</i> , 2015, 30, 1101-1102.	1.3	6
64	Refractive surgery in the late adulthood and adolescent age groups. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 2057-2063.	1.0	6
65	Effect of Rho-associated kinase inhibitor on human corneal endothelial cell apoptosis. <i>Journal of Cataract and Refractive Surgery</i> , 2020, 46, 612-616.	0.7	6
66	Refractive Outcomes of Non-Toric and Toric Intraocular Lenses in Mild, Moderate and Advanced Keratoconus: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 2456.	1.0	6
67	Intravenous immunoglobulin treatment in Multiple Sclerosis and experimental autoimmune encephalomyelitis - the Israeli Experience. <i>Multiple Sclerosis Journal</i> , 1997, 3, 142-144.	1.4	5
68	RAM-589.555 a new Polymerase-1 inhibitor as innovative targeted-treatment for multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2017, 302, 41-48.	1.1	5
69	Experimental Autoimmune Encephalomyelitis Ameliorated by Passive Transfer of Polymerase 1-Silenced MOG35-55 Lymphatic Node Cells: Verification of a Novel Therapeutic Approach in Multiple Sclerosis. <i>NeuroMolecular Medicine</i> , 2017, 19, 406-412.	1.8	5
70	Glycemic Control and Quality of Life Following Cataract Surgery in Patients with Type 2 Diabetes and without Maculopathy. <i>Current Eye Research</i> , 2018, 43, 96-101.	0.7	5
71	Comparison of the Barrett Universal II formula to previous generation formulae for paediatric cataract surgery. <i>Acta Ophthalmologica</i> , 2022, 100, 682-689.	0.6	5
72	Effects of dietary and lifestyle recommendations on patients with glaucoma: A randomized controlled pilot trial. <i>European Journal of Integrative Medicine</i> , 2019, 25, 60-66.	0.8	4

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73	REDUCTION OF POSTINTRAVITREAL INJECTION PAIN USING ICE. <i>Retina</i> , 2020, 40, 1434-1438.	1.0	4
74	Does Bariatric Surgery Affect Intraocular Pressure?. <i>Obesity Surgery</i> , 2020, 30, 3742-3746.	1.1	4
75	Demographic, clinical features, and outcomes of pediatric non-penetrating ocular foreign bodies. <i>Graefé's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 1469-1474.	1.0	4
76	Nd:YAG capsulotomy is not a risk factor for retinal detachment after phacoemulsification cataract surgery. <i>Acta Ophthalmologica</i> , 2021, 99, e1018-e1026.	0.6	4
77	Effect of cataract surgery on wet age-related macular degeneration activity. <i>Acta Ophthalmologica</i> , 2021, , .	0.6	4
78	Agreement of Corneal Endothelial Cell Analysis Between Konan-Noncon Robo SP-6000 and Tomey EM-3000 Specular Microscopes in Healthy Subjects. <i>Eye and Contact Lens</i> , 2021, 47, 191-195.	0.8	4
79	Severe panuveitis with iridis rubeosis activation and cystoid macular edema after BioNTech-Pfizer COVID-19 vaccination in a 17-year-old. <i>American Journal of Ophthalmology Case Reports</i> , 2022, 25, 101380.	0.4	4
80	Traumatic Cataracts in Children, Long-Term Follow-up in an Israeli Population: A Retrospective Study. <i>Israel Medical Association Journal</i> , 2019, 21, 599-602.	0.1	4
81	Development of "Predict ME," an online classifier to aid in differentiating diabetic macular edema from pseudophakic macular edema. <i>European Journal of Ophthalmology</i> , 2020, 30, 1495-1498.	0.7	3
82	Punching a Graft for Descemet Membrane Endothelial Keratoplasty Onto a Contact Lens Reduces Endothelial Cell Loss at the Graft's Margin. <i>Cornea</i> , 2020, 39, 1027-1030.	0.9	3
83	Descemet Membrane Endothelial Keratoplasty Outcomes between Young and Old Graft Recipients. <i>Current Eye Research</i> , 2021, 46, 1460-1466.	0.7	3
84	Comparison of the Usability of Eye Drop Aids and the Conventional Bottle. <i>Journal of Clinical Medicine</i> , 2021, 10, 5658.	1.0	3
85	Pseudoexfoliation: An Ocular Finding with Possible Systemic Implications. <i>Israel Medical Association Journal</i> , 2017, 19, 49-54.	0.1	3
86	The negative impact of COVID-19 pandemic on age-related macular degeneration patients treated with intravitreal bevacizumab injections. <i>International Ophthalmology</i> , 2022, 42, 3387-3395.	0.6	3
87	Quantification of Metamorphopsia Using the MacuFlow Test before and after Vitreoretinal Surgery. <i>Ophthalmic Research</i> , 2015, 54, 74-77.	1.0	2
88	The effect of hemodialysis on individual retinal layer thickness. <i>International Ophthalmology</i> , 2021, 41, 1233-1240.	0.6	2
89	Reflexology treatment relieves symptoms of multiple sclerosis: a randomized controlled study. <i>Focus on Alternative and Complementary Therapies</i> , 1997, 2, 196-196.	0.1	2
90	Melanoma risk in women with previous breast cancer. <i>Journal of Clinical Oncology</i> , 2004, 22, 7553-7553.	0.8	2

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91	Cataract Surgery in Very Old Patients: A Case-Control Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4658.	1.0	2
92	Melanoma risk in women with previous breast cancer. <i>Journal of Clinical Oncology</i> , 2004, 22, 7553-7553.	0.8	2
93	Interdigitation and Ellipsoid Zones Disruption Correlate with Visual Outcomes among Treatment-Naive Patients with Diabetic Macular Edema. <i>Ophthalmic Research</i> , 2021, 64, 476-482.	1.0	2
94	Intravenous immune globulin in multiple sclerosis: clinical and neuroradiological results and implications for possible mechanisms of action. <i>Clinical and Experimental Immunology</i> , 1996, 104 Suppl 1, 67-70.	1.1	2
95	Corneal Staining and Hot Black Tea Compresses. <i>Israel Medical Association Journal</i> , 2017, 19, 152-155.	0.1	2
96	Donor and Recipient Sex Matching and Corneal Graft Failure in High-Risk and Non-High-Risk Patients. <i>Journal of Ophthalmology</i> , 2022, 2022, 1-6.	0.6	2
97	Electrical sensation during Tai-Chi practice as the first manifestation of multiple sclerosis. <i>Clinical Neurology and Neurosurgery</i> , 1997, 99, 280-281.	0.6	1
98	Intraocular pressure measurement in the emergency room. <i>Postgraduate Medical Journal</i> , 2014, 90, 603-604.	0.9	1
99	Unsuccessful Self-Enucleation in a Schizophrenic Patient. <i>Case Reports in Ophthalmological Medicine</i> , 2014, 2014, 1-3.	0.3	1
100	Circulating anti-retinal antibodies in response to anti-angiogenic therapy in exudative age-related macular degeneration-reply. <i>Acta Ophthalmologica</i> , 2015, 93, e508-e508.	0.6	1
101	B-cell related biomarkers associated with severity of the first demyelinating event of acute optic neuritis. <i>Eye</i> , 2020, 34, 954-959.	1.1	1
102	Interdigitation and Ellipsoid Zones Disruption Correlate with Visual Outcomes among Treatment-Naive Patients with Diabetic Macular Edema. <i>Ophthalmic Research</i> , 2021, 64, 476-482.	1.0	1
103	Immunoglobulins treatment in multiple sclerosis and experimental autoimmune encephalomyelitis. <i>Multiple Sclerosis Journal</i> , 2000, 6 Suppl 2, S6-8; discussion S33.	1.4	1
104	Chemokine polymorphisms: candidates for MS susceptibility and disease course. <i>International MS Journal</i> , 2004, 11, 71-7.	0.3	1
105	Outcomes of Congenital Nasolacrimal Duct Obstruction Surgery Converted into Balloon Dilation and Silicone Intubation due to Probing Difficulty. <i>Journal of Ophthalmology</i> , 2022, 2022, 1-6.	0.6	1
106	Surgical outcomes of medial Rectus advancement for consecutive exotropia. <i>European Journal of Ophthalmology</i> , 2022, , 112067212210858.	0.7	1
107	Three-year follow-up of accelerated versus standard corneal cross-linking in paediatric Keratoconus. <i>Eye</i> , 2022, , .	1.1	1
108	Intraocular lens power calculation in patients with irregular astigmatism. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 3889-3895.	1.0	1

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109	Age Distribution Among Patients at High Risk for Human T-Cell Lymphotropic Virus Type I Infection. <i>Clinical Infectious Diseases</i> , 1996, 22, 865-866.	2.9	0
110	The mediterranean fever gene modifies the progression of disability in non-Ashkenazi Jewish multiple sclerosis patients. <i>Journal of Neurochemistry</i> , 2008, 81, 49-51.	2.1	0
111	Call for caution in the use of ocular steroidal medications—Risk for fungal keratitis. <i>European Geriatric Medicine</i> , 2014, 5, 426.	1.2	0
112	Cataract surgery in geriatric patients. <i>European Geriatric Medicine</i> , 2015, 6, 478.	1.2	0
113	Uveitis-Glaucoma-hyphema Syndrome. <i>Nepalese Journal of Ophthalmology</i> , 2016, 8, 99.	0.1	0
114	Comparison of keratometry data using handheld and table-mounted instruments in healthy adults. <i>International Ophthalmology</i> , 2021, 41, 3451-3458.	0.6	0
115	Correspondence. <i>Retina</i> , 2021, 41, e55-e56.	1.0	0
116	Computerized patient record system: Free software for the ophthalmic clinic. <i>African Journal of Medical and Health Sciences</i> , 2015, 14, 155.	0.3	0
117	Wound-assisted air injection in Descemet Stripping Automated Endothelial Keratoplasty. <i>American Journal of Ophthalmology Case Reports</i> , 2022, 26, 101290.	0.4	0
118	Post-LASIK Epithelial Ingrowth. <i>Israel Medical Association Journal</i> , 2016, 18, 501.	0.1	0
119	Validation of the multi-metric D-index change in the assessment of keratoconus progression. <i>International Ophthalmology</i> , 2022, , 1.	0.6	0
120	Evaluation of pro-angiogenic and pro-coagulant activity of irradiated and non irradiated stored blood used in transfusion practice. <i>Journal of Clinical Oncology</i> , 2004, 22, 9710-9710.	0.8	0