Jonathan S Myers

List of Publications by Year
in descending order

89 papers	1,220 citations	430874 18 h-index	501196 28 g-index
90 all docs	90 docs citations	90 times ranked	1092 citing authors

#	Article	IF	Citations
1	Iris melanoma: factors predictive of post-management secondary glaucoma in 271 cases at a Single Ocular Oncology Centre. Eye, 2023, 37, 938-946.	2.1	2
2	Descriptive Analysis of United States Glaucoma Fellowship Program Directors. Ophthalmology Glaucoma, 2022, 5, 241-244.	1.9	7
3	What Glaucoma Patients Are Reading on theÂInternet. Ophthalmology Glaucoma, 2022, 5, 447-451.	1.9	9
4	Clinicians' Use of Quantitative Information When Assessing the Rate of Structural Progression in Glaucoma. Ophthalmology Glaucoma, 2022, 5, 507-515.	1.9	1
5	Outcomes of Ahmed glaucoma valve and transscleral cyclophotocoagulation in neovascular glaucoma. Indian Journal of Ophthalmology, 2022, 70, 1253.	1.1	3
6	Cliniciansâ€™ Use of Quantitative Information when Assessing the Rate of Functional Progression in Glaucoma. Ophthalmology Glaucoma, 2022, , .	1.9	0
7	Epiretinal Membrane Surgery in Eyes with Glaucoma: Visual Outcomes and Clinical Significance of Inner Microcystoid Changes. Ophthalmology Retina, 2022, 6, 693-701.	2.4	1
8	Surgical Cancellations in Glaucoma Practice. Ophthalmology Glaucoma, 2021, 4, 427-432.	1.9	5
9	Predicting Global Testâ€“Retest Variability of Visual Fields in Glaucoma. Ophthalmology Glaucoma, 2021, 4, 390-399.	1.9	8
10	Effect of shunt type on rates of tube-cornea touch and corneal decompensation after tube shunt surgery in uveitic glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 1587-1595.	1.9	3
11	Outcomes of Valved and Nonvalved Tube Shunts in Neovascular Glaucoma. Ophthalmology Glaucoma, 2021, 4, 182-192.	1.9	13
12	Early Experience with Netarsudil in Pediatric Patients: A Retrospective Case Series. Ophthalmology Glaucoma, 2021, 4, 232-234.	1.9	9
13	Predicting eyes at risk for rapid glaucoma progression based on an initial visual field test using machine learning. PLoS ONE, 2021, 16, e0249856.	2.5	22
14	Variability and Power to Detect Progression of Different Visual Field Patterns. Ophthalmology Glaucoma, 2021, 4, 617-623.	1.9	7
15	A Randomized Trial to Improve Adherence to Follow-up Eye Examinations Among People With Glaucoma. Preventing Chronic Disease, 2021, 18, E52.	3.4	13
16	Educational intervention to adopt selective laser trabeculoplasty as first-line glaucoma treatment: Randomized controlled trial: Educational intervention on selective laser trabeculoplasty. European Journal of Ophthalmology, 2021, , 112067212110183.	1.3	1
17	The Effect of Ametropia on Glaucomatous Visual Field Loss. Journal of Clinical Medicine, 2021, 10, 2796.	2.4	3
18	Development and Comparison of Machine Learning Algorithms to Determine Visual Field Progression. Translational Vision Science and Technology, 2021, 10, 27.	2.2	8

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19	Commentary regarding video-based telemedicine triage in emergency ophthalmology during COVID-19. EClinicalMedicine, 2021, 36, 100870.	7.1	2
20	Marijuana and Glaucoma: A Social Media Content Analysis. Ophthalmology Glaucoma, 2021, 4, 400-404.	1.9	13
21	The effectiveness and safety profile of netarsudil 0.02% in glaucoma treatment: real-world 6-month outcomes. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, , 1.	1.9	4
22	iStent versus iStent inject implantation combined with phacoemulsification in open angle glaucoma. Indian Journal of Ophthalmology, 2021, 69, 2488.	1.1	14
23	Preliminary Report on a Novel Virtual Reality Perimeter Compared With Standard Automated Perimetry. Journal of Glaucoma, 2021, 30, 17-23.	1.6	34
24	Sociodemographic and Economic Factors in Outcomes of Tube Shunts for Neovascular Glaucoma. Journal of Current Glaucoma Practice, 2021, 15, 70-77.	0.5	5
25	Fixed combination netarsudil-latanoprost for the treatment of glaucoma and ocular hypertension. Expert Opinion on Pharmacotherapy, 2020, 21, 39-45.	1.8	8
26	Philadelphia Telemedicine Glaucoma Detection and Follow-Up Study: Cataract Classifications Following Eye Screening. Telemedicine Journal and E-Health, 2020, 26, 992-1000.	2.8	8
27	Characterization of Central Visual Field Loss in End-stage Glaucoma by Unsupervised Artificial Intelligence. JAMA Ophthalmology, 2020, 138, 190.	2.5	36
28	Artificial Intelligence Classification of Central Visual Field Patterns in Glaucoma. Ophthalmology, 2020, 127, 731-738.	5.2	33
29	Utility of Optical Coherence Tomography (OCT) in Centers For Medicare and Medicaid Services (CMS)-defined Severe Glaucoma Patients. Journal of Glaucoma, 2020, 29, 241-244.	1.6	3
30	Baseline Age and Mean Deviation Affect the Rate of Glaucomatous Vision Loss. Journal of Glaucoma, 2020, 29, 31-38.	1.6	11
31	Pooled Efficacy and Safety Profile of Netarsudil Ophthalmic Solution 0.02% in Patients With Open-angle Glaucoma or Ocular Hypertension. Journal of Glaucoma, 2020, 29, 878-884.	1.6	28
32	In Reply: A Novel Surgical Technique for Ahmed Glaucoma Valve Implantation Without Plate Sutures. Journal of Glaucoma, 2020, 29, e108-e109.	1.6	0
33	Inter-Eye Association of Visual Field Defects in Glaucoma and Its Clinical Utility. Translational Vision Science and Technology, 2020, 9, 22.	2.2	5
34	Ahmed Versus Baerveldt Glaucoma Drainage Device in Uveitic Glaucoma: A Retrospective Comparative Study. Journal of Glaucoma, 2020, 29, 750-755.	1.6	9
35	Balancing treatments for patients with systemic hypertension and glaucoma. Expert Opinion on Pharmacotherapy, 2020, 21, 2225-2230.	1.8	6
36	Surgical Approaches for Implanting Xen Gel Stent without Conjunctival Dissection . Clinical Ophthalmology, 2020, Volume 14, 2361-2371.	1.8	26

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37	Monitoring Glaucomatous Functional Loss Using an Artificial Intelligenceâ€“Enabled Dashboard. Ophthalmology, 2020, 127, 1170-1178.	5.2	20
38	Pathophysiology and management of glaucoma and ocular hypertension related to trauma. Survey of Ophthalmology, 2020, 65, 530-547.	4.0	29
39	<scp>iStent</scp> inject trabecular microâ€bypass stents with topical prostaglandin as standalone treatment for openâ€angle glaucoma: 4â€year outcomes. Clinical and Experimental Ophthalmology, 2020, 48, 767-774.	2.6	16
40	Fixed-combination topical anti-hypertensive ophthalmic agents. Expert Opinion on Pharmacotherapy, 2020, 21, 1269-1282.	1.8	5
41	Netarsudilâ€™s Effect in Eyes with a History of Selective Laser Trabeculoplasty. Ophthalmology Glaucoma, 2020, 3, 306-308.	1.9	6
42	Transscleral Cyclophotocoagulation for Glaucoma in the Setting of Uveal Melanoma. Ophthalmology Glaucoma, 2020, , .	1.9	3
43	Association of a Primary Open-Angle Glaucoma Genetic Risk Score With Earlier Age at Diagnosis. JAMA Ophthalmology, 2019, 137, 1190.	2.5	32
44	Reply. Ophthalmology, 2019, 126, e78-e79.	5.2	0
45	Philadelphia glaucoma detection and treatment project: ocular outcomes and adherence to follow-up at a single health centre. Canadian Journal of Ophthalmology, 2019, 54, 717-722.	0.7	4
46	Preliminary Steps to Address Glaucoma Medication Adherence. JAMA Ophthalmology, 2019, 137, 246.	2.5	3
47	An Artificial Intelligence Approach to Detect Visual Field Progression in Glaucoma Based on Spatial Pattern Analysis. , 2019, 60, 365.		78
48	Awareness of ocular diagnosis, transportation means, and barriers to ophthalmology follow-up in the Philadelphia Telemedicine Glaucoma Detection and Follow-up Study. Social Work in Health Care, 2019, 58, 651-664.	1.6	17
49	Authors' response. Survey of Ophthalmology, 2019, 64, 589-590.	4.0	0
50	Agreement and Predictors of Discordance of 6 Visual Field Progression Algorithms. Ophthalmology, 2019, 126, 822-828.	5.2	31
51	Philadelphia Telemedicine Glaucoma Detection and Follow-up Study: confirmation between eye screening and comprehensive eye examination diagnoses. British Journal of Ophthalmology, 2019, 103, bjophthalmol-2018-313451.	3.9	11
52	Outcomes of trabecular microbypass surgery: Comparison of resident trainees and attending surgeons. Journal of Cataract and Refractive Surgery, 2019, 45, 1704-1710.	1.5	7
53	Philadelphia Telemedicine Glaucoma Detection and Follow-up Study. Journal of Glaucoma, 2019, 28, 294-301.	1.6	9
54	Vision-related Performance and Quality of Life of Patients With Rapid Glaucoma Progression. Journal of Glaucoma, 2019, 28, 216-222.	1.6	8

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55	Validation of the structureâ€“function correlation report from the heidelberg edge perimeter and spectral-domain optical coherence tomography. International Ophthalmology, 2019, 39, 533-540.	1.4	2
56	Validation and reproducibility of the Heidelberg Edge Perimeter in the detection of glaucomatous visual field defects. International Journal of Ophthalmology, 2019, 11, 577-581.	1.1	1
57	Prospective Evaluation of Two iStentÂ® Trabecular Stents, One iStent SupraÂ® Suprachoroidal Stent, and Postoperative Prostaglandin in Refractory Glaucoma: 4-year Outcomes. Advances in Therapy, 2018, 35, 395-407.	2.9	63
58	Factors Associated with Patient Satisfaction in an Outpatient Glaucoma Population. Seminars in Ophthalmology, 2018, 33, 757-765.	1.6	6
59	Reversal of Glaucoma Hemifield Test Results and Visual Field Features in Glaucoma. Ophthalmology, 2018, 125, 352-360.	5.2	36
60	Evolution of optic nerve photography for glaucoma screening: a review. Clinical and Experimental Ophthalmology, 2018, 46, 169-176.	2.6	39
61	Philadelphia Telemedicine Glaucoma Detection and Follow-up Study: Analysis of Unreadable Fundus Images. Journal of Glaucoma, 2018, 27, 999-1008.	1.6	14
62	Contemporary approach to the diagnosis and management of primary angle-closure disease. Survey of Ophthalmology, 2018, 63, 754-768.	4.0	31
63	Reply. Ophthalmology, 2018, 125, e66-e67.	5.2	0
64	Implantation of two secondâ€generation trabecular microâ€bypass stents and topical travoprost in openâ€angle glaucoma not controlled on two preoperative medications: 18â€month followâ€up. Clinical and Experimental Ophthalmology, 2017, 45, 797-802.	2.6	42
65	A Comparative Study of the Water Drinking Test in Eyes With Open-Angle Glaucoma and Prior Trabeculectomy or Tube Shunt. Journal of Glaucoma, 2017, 26, 119-125.	1.6	13
66	Impact of Natural Blind Spot Location on Perimetry. Scientific Reports, 2017, 7, 6143.	3.3	10
67	Adherence to Follow-up Recommendations Among Individuals in the Philadelphia Glaucoma Detection and Treatment Project. Journal of Glaucoma, 2017, 26, 697-701.	1.6	16
68	Philadelphia Telemedicine Glaucoma Detection and Follow-up Study: Methods and Screening Results. American Journal of Ophthalmology, 2017, 181, 114-124.	3.3	58
69	Patient considerations in ocular hypertension: role of bimatoprost ophthalmic solution. Clinical Ophthalmology, 2017, Volume 11, 1273-1280.	1.8	5
70	Short-duration transient visual evoked potentials and color reflectivity discretization analysis in glaucoma patients and suspects. International Journal of Ophthalmology, 2017, 10, 254-261.	1.1	2
71	Development of Visual Field Screening Procedures: A Case Study of the Octopus Perimeter. Translational Vision Science and Technology, 2016, 5, 3.	2.2	12
72	Impossibility to eliminate observer effect in the assessment of adherence in clinical trials. Patient Preference and Adherence, 2016, Volume 10, 2145-2150.	1.8	0

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73	Color Reflectivity Discretization Analysis of OCT Images in the Detection of Glaucomatous Nerve Fiber Layer Defects. Journal of Glaucoma, 2016, 25, e346-e354.	1.6	2
74	Bilateral Same-day Laser Peripheral Iridotomy in the Philadelphia Glaucoma Detection and Treatment Project. Journal of Glaucoma, 2016, 25, e821-e825.	1.6	14
75	Evaluation of Nonmydriatic Hand-held Optic Disc Photography Grading in the Philadelphia Glaucoma Detection and Treatment Project. Journal of Glaucoma, 2016, 25, e520-e525.	1.6	10
76	A Dose-Escalation Study to Evaluate the Safety, Tolerability, Pharmacokinetics, and Efficacy of 2 and 4 Weeks of Twice-Daily Ocular Trabodenoson in Adults with Ocular Hypertension or Primary Open-Angle Glaucoma. Journal of Ocular Pharmacology and Therapeutics, 2016, 32, 555-562.	1.4	49
77	Waterâ€drinking test in primary angleâ€closure suspect before and after laser peripheral iridotomy. Clinical and Experimental Ophthalmology, 2016, 44, 89-94.	2.6	14
78	The Wills Eye Glaucoma App: Interest of Patients and Their Caregivers in a Smartphone-based and Tablet-based Glaucoma Application. Journal of Glaucoma, 2016, 25, e787-e791.	1.6	14
79	The impact of educational workshops on individuals at risk for glaucoma in the Philadelphia Glaucoma Detection and Treatment Project. Patient Education and Counseling, 2016, 99, 659-664.	2.2	10
80	Improving Access to Eye Care among Persons at High-Risk of Glaucoma in Philadelphia â€" Design and Methodology: The Philadelphia Glaucoma Detection and Treatment Project. Ophthalmic Epidemiology, 2016, 23, 122-130.	1.7	37
81	Glaucoma Surgery in Pregnancy: A Case Series and Literature Review. Iranian Journal of Medical Sciences, 2016, 41, 437-45.	0.4	12
82	Twentyâ€fourâ€hour intraocular pressure measurement in glaucoma. Clinical and Experimental Ophthalmology, 2015, 43, 782-783.	2.6	0
83	Needle Bleb Revision With Bevacizumab and Mitomycin C Compared With Mitomycin C Alone for Failing Filtration Blebs. Journal of Glaucoma, 2015, 24, 311-315.	1.6	9
84	A comparison of methods used to evaluate mobility performance in the visually impaired. British Journal of Ophthalmology, 2015, 99, 113-118.	3.9	11
85	Flicker defined form, standard perimetry and Heidelberg retinal tomography: Structure-function relationships. Canadian Journal of Ophthalmology, 2015, 50, 290-296.	0.7	6
86	Bimatoprost 0.01% or 0.03% in patients with glaucoma or ocular hypertension previously treated with latanoprost: two randomized 12-week trials. Clinical Ophthalmology, 2014, 8, 643.	1.8	16
87	Intracameral Triamcinolone Acetonide in Glaucoma Surgery: A Prospective Randomized Controlled Trial. American Journal of Ophthalmology, 2014, 158, 395-401.e2.	3.3	9
88	Single Needle Revision of Failing Filtration Blebs: A Retrospective Comparative Case Series with 5-Fluorouracil and Mitomycin C. European Journal of Ophthalmology, 2010, 20, 1026-1034.	1.3	17
89	Brimonidine purite solution for open-angle glaucoma or ocular hypertension. Expert Review of Ophthalmology, 2008, 3, 513-515.	0.6	1