

Jonathan S Myers

List of Publications by Year in descending order

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Version: 2024-02-01

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	An Artificial Intelligence Approach to Detect Visual Field Progression in Glaucoma Based on Spatial Pattern Analysis. , 2019, 60, 365.		78
2	Prospective Evaluation of Two iStent® Trabecular Stents, One iStent Supra® Suprachoroidal Stent, and Postoperative Prostaglandin in Refractory Glaucoma: 4-year Outcomes. Advances in Therapy, 2018, 35, 395-407.	2.9	63
3	Philadelphia Telemedicine Glaucoma Detection and Follow-up Study: Methods and Screening Results. American Journal of Ophthalmology, 2017, 181, 114-124.	3.3	58
4	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
5	Implantation of two second-generation trabecular microbypass stents and topical travoprost in open-angle glaucoma not controlled on two preoperative medications: 18-month follow-up. Clinical and Experimental Ophthalmology, 2017, 45, 797-802.	2.6	42
6	Evolution of optic nerve photography for glaucoma screening: a review. Clinical and Experimental Ophthalmology, 2018, 46, 169-176.	2.6	39
7	Improving Access to Eye Care among Persons at High-Risk of Glaucoma in Philadelphia – Design and Methodology: The Philadelphia Glaucoma Detection and Treatment Project. Ophthalmic Epidemiology, 2016, 23, 122-130.	1.7	37
8	Reversal of Glaucoma Hemifield Test Results and Visual Field Features in Glaucoma. Ophthalmology, 2018, 125, 352-360.	5.2	36
9	Characterization of Central Visual Field Loss in End-stage Glaucoma by Unsupervised Artificial Intelligence. JAMA Ophthalmology, 2020, 138, 190.	2.5	36
10	Preliminary Report on a Novel Virtual Reality Perimeter Compared With Standard Automated Perimetry. Journal of Glaucoma, 2021, 30, 17-23.	1.6	34
11	Artificial Intelligence Classification of Central Visual Field Patterns in Glaucoma. Ophthalmology, 2020, 127, 731-738.	5.2	33
12	Association of a Primary Open-Angle Glaucoma Genetic Risk Score With Earlier Age at Diagnosis. JAMA Ophthalmology, 2019, 137, 1190.	2.5	32
13	Contemporary approach to the diagnosis and management of primary angle-closure disease. Survey of Ophthalmology, 2018, 63, 754-768.	4.0	31
14	Agreement and Predictors of Discordance of 6 Visual Field Progression Algorithms. Ophthalmology, 2019, 126, 822-828.	5.2	31
15	Pathophysiology and management of glaucoma and ocular hypertension related to trauma. Survey of Ophthalmology, 2020, 65, 530-547.	4.0	29
16	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
17	<p>Surgical Approaches for Implanting Xen Gel Stent without Conjunctival Dissection</p>. Clinical Ophthalmology, 2020, Volume 14, 2361-2371.	1.8	26
18	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

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19	Monitoring Glaucomatous Functional Loss Using an Artificial Intelligence-Enabled Dashboard. <i>Ophthalmology</i> , 2020, 127, 1170-1178.	5.2	20
20	Single Needle Revision of Failing Filtration Blebs: A Retrospective Comparative Case Series with 5-Fluorouracil and Mitomycin C. <i>European Journal of Ophthalmology</i> , 2010, 20, 1026-1034.	1.3	17
21	Awareness of ocular diagnosis, transportation means, and barriers to ophthalmology follow-up in the Philadelphia Telemedicine Glaucoma Detection and Follow-up Study. <i>Social Work in Health Care</i> , 2019, 58, 651-664.	1.6	17
22	Bimatoprost 0.01% or 0.03% in patients with glaucoma or ocular hypertension previously treated with latanoprost: two randomized 12-week trials. <i>Clinical Ophthalmology</i> , 2014, 8, 643.	1.8	16
23	Adherence to Follow-up Recommendations Among Individuals in the Philadelphia Glaucoma Detection and Treatment Project. <i>Journal of Glaucoma</i> , 2017, 26, 697-701.	1.6	16
24	iStent inject trabecular microbypass stents with topical prostaglandin as standalone treatment for open-angle glaucoma: 4-year outcomes. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 767-774.	2.6	16
25	Bilateral Same-day Laser Peripheral Iridotomy in the Philadelphia Glaucoma Detection and Treatment Project. <i>Journal of Glaucoma</i> , 2016, 25, e821-e825.	1.6	14
26	Water drinking test in primary angle-closure suspect before and after laser peripheral iridotomy. <i>Clinical and Experimental Ophthalmology</i> , 2016, 44, 89-94.	2.6	14
27	The Wills Eye Glaucoma App: Interest of Patients and Their Caregivers in a Smartphone-based and Tablet-based Glaucoma Application. <i>Journal of Glaucoma</i> , 2016, 25, e787-e791.	1.6	14
28	Philadelphia Telemedicine Glaucoma Detection and Follow-up Study: Analysis of Unreadable Fundus Images. <i>Journal of Glaucoma</i> , 2018, 27, 999-1008.	1.6	14
29	iStent versus iStent inject implantation combined with phacoemulsification in open angle glaucoma. <i>Indian Journal of Ophthalmology</i> , 2021, 69, 2488.	1.1	14
30	A Comparative Study of the Water Drinking Test in Eyes With Open-Angle Glaucoma and Prior Trabeculectomy or Tube Shunt. <i>Journal of Glaucoma</i> , 2017, 26, 119-125.	1.6	13
31	Outcomes of Valved and Nonvalved Tube Shunts in Neovascular Glaucoma. <i>Ophthalmology Glaucoma</i> , 2021, 4, 182-192.	1.9	13
32	A Randomized Trial to Improve Adherence to Follow-up Eye Examinations Among People With Glaucoma. <i>Preventing Chronic Disease</i> , 2021, 18, E52.	3.4	13
33	Marijuana and Glaucoma: A Social Media Content Analysis. <i>Ophthalmology Glaucoma</i> , 2021, 4, 400-404.	1.9	13
34	Development of Visual Field Screening Procedures: A Case Study of the Octopus Perimeter. <i>Translational Vision Science and Technology</i> , 2016, 5, 3.	2.2	12
35	Glaucoma Surgery in Pregnancy: A Case Series and Literature Review. <i>Iranian Journal of Medical Sciences</i> , 2016, 41, 437-45.	0.4	12
36	A comparison of methods used to evaluate mobility performance in the visually impaired. <i>British Journal of Ophthalmology</i> , 2015, 99, 113-118.	3.9	11

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37	Philadelphia Telemedicine Glaucoma Detection and Follow-up Study: confirmation between eye screening and comprehensive eye examination diagnoses. <i>British Journal of Ophthalmology</i> , 2019, 103, bjophthalmol-2018-313451.	3.9	11
38	Baseline Age and Mean Deviation Affect the Rate of Glaucomatous Vision Loss. <i>Journal of Glaucoma</i> , 2020, 29, 31-38.	1.6	11
39	Evaluation of Nonmydriatic Hand-held Optic Disc Photography Grading in the Philadelphia Glaucoma Detection and Treatment Project. <i>Journal of Glaucoma</i> , 2016, 25, e520-e525.	1.6	10
40	The impact of educational workshops on individuals at risk for glaucoma in the Philadelphia Glaucoma Detection and Treatment Project. <i>Patient Education and Counseling</i> , 2016, 99, 659-664.	2.2	10
41	Impact of Natural Blind Spot Location on Perimetry. <i>Scientific Reports</i> , 2017, 7, 6143.	3.3	10
42	Intracameral Triamcinolone Acetonide in Glaucoma Surgery: A Prospective Randomized Controlled Trial. <i>American Journal of Ophthalmology</i> , 2014, 158, 395-401.e2.	3.3	9
43	Needle Bleb Revision With Bevacizumab and Mitomycin C Compared With Mitomycin C Alone for Failing Filtration Blebs. <i>Journal of Glaucoma</i> , 2015, 24, 311-315.	1.6	9
44	Philadelphia Telemedicine Glaucoma Detection and Follow-up Study. <i>Journal of Glaucoma</i> , 2019, 28, 294-301.	1.6	9
45	Ahmed Versus Baerveldt Glaucoma Drainage Device in Uveitic Glaucoma: A Retrospective Comparative Study. <i>Journal of Glaucoma</i> , 2020, 29, 750-755.	1.6	9
46	Early Experience with Netarsudil in Pediatric Patients: A Retrospective Case Series. <i>Ophthalmology Glaucoma</i> , 2021, 4, 232-234.	1.9	9
47	What Glaucoma Patients Are Reading on the Internet. <i>Ophthalmology Glaucoma</i> , 2022, 5, 447-451.	1.9	9
48	Vision-related Performance and Quality of Life of Patients With Rapid Glaucoma Progression. <i>Journal of Glaucoma</i> , 2019, 28, 216-222.	1.6	8
49	Fixed combination netarsudil-latanoprost for the treatment of glaucoma and ocular hypertension. <i>Expert Opinion on Pharmacotherapy</i> , 2020, 21, 39-45.	1.8	8
50	Philadelphia Telemedicine Glaucoma Detection and Follow-Up Study: Cataract Classifications Following Eye Screening. <i>Telemedicine Journal and E-Health</i> , 2020, 26, 992-1000.	2.8	8
51	Predicting Global Test-Retest Variability of Visual Fields in Glaucoma. <i>Ophthalmology Glaucoma</i> , 2021, 4, 390-399.	1.9	8
52	Development and Comparison of Machine Learning Algorithms to Determine Visual Field Progression. <i>Translational Vision Science and Technology</i> , 2021, 10, 27.	2.2	8
53	Outcomes of trabecular microbypass surgery: Comparison of resident trainees and attending surgeons. <i>Journal of Cataract and Refractive Surgery</i> , 2019, 45, 1704-1710.	1.5	7
54	Variability and Power to Detect Progression of Different Visual Field Patterns. <i>Ophthalmology Glaucoma</i> , 2021, 4, 617-623.	1.9	7

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55	Descriptive Analysis of United States Glaucoma Fellowship Program Directors. <i>Ophthalmology Glaucoma</i> , 2022, 5, 241-244.	1.9	7
56	Flicker defined form, standard perimetry and Heidelberg retinal tomography: Structure-function relationships. <i>Canadian Journal of Ophthalmology</i> , 2015, 50, 290-296.	0.7	6
57	Factors Associated with Patient Satisfaction in an Outpatient Glaucoma Population. <i>Seminars in Ophthalmology</i> , 2018, 33, 757-765.	1.6	6
58	Balancing treatments for patients with systemic hypertension and glaucoma. <i>Expert Opinion on Pharmacotherapy</i> , 2020, 21, 2225-2230.	1.8	6
59	Netarsudil's Effect in Eyes with a History of Selective Laser Trabeculoplasty. <i>Ophthalmology Glaucoma</i> , 2020, 3, 306-308.	1.9	6
60	Patient considerations in ocular hypertension: role of bimatoprost ophthalmic solution. <i>Clinical Ophthalmology</i> , 2017, Volume 11, 1273-1280.	1.8	5
61	Inter-Eye Association of Visual Field Defects in Glaucoma and Its Clinical Utility. <i>Translational Vision Science and Technology</i> , 2020, 9, 22.	2.2	5
62	Surgical Cancellations in Glaucoma Practice. <i>Ophthalmology Glaucoma</i> , 2021, 4, 427-432.	1.9	5
63	Fixed-combination topical anti-hypertensive ophthalmic agents. <i>Expert Opinion on Pharmacotherapy</i> , 2020, 21, 1269-1282.	1.8	5
64	Sociodemographic and Economic Factors in Outcomes of Tube Shunts for Neovascular Glaucoma. <i>Journal of Current Glaucoma Practice</i> , 2021, 15, 70-77.	0.5	5
65	Philadelphia glaucoma detection and treatment project: ocular outcomes and adherence to follow-up at a single health centre. <i>Canadian Journal of Ophthalmology</i> , 2019, 54, 717-722.	0.7	4
66	The effectiveness and safety profile of netarsudil 0.02% in glaucoma treatment: real-world 6-month outcomes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, , 1.	1.9	4
67	Preliminary Steps to Address Glaucoma Medication Adherence. <i>JAMA Ophthalmology</i> , 2019, 137, 246.	2.5	3
68	Utility of Optical Coherence Tomography (OCT) in Centers For Medicare and Medicaid Services (CMS)-defined Severe Glaucoma Patients. <i>Journal of Glaucoma</i> , 2020, 29, 241-244.	1.6	3
69	Effect of shunt type on rates of tube-cornea touch and corneal decompensation after tube shunt surgery in uveitic glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 1587-1595.	1.9	3
70	The Effect of Ametropia on Glaucomatous Visual Field Loss. <i>Journal of Clinical Medicine</i> , 2021, 10, 2796.	2.4	3
71	Transscleral Cyclophotocoagulation for Glaucoma in the Setting of Uveal Melanoma. <i>Ophthalmology Glaucoma</i> , 2020, , .	1.9	3
72	Outcomes of Ahmed glaucoma valve and transscleral cyclophotocoagulation in neovascular glaucoma. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 1253.	1.1	3

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73	Color Reflectivity Discretization Analysis of OCT Images in the Detection of Glaucomatous Nerve Fiber Layer Defects. <i>Journal of Glaucoma</i> , 2016, 25, e346-e354.	1.6	2
74	Validation of the structure–function correlation report from the heidelberg edge perimeter and spectral-domain optical coherence tomography. <i>International Ophthalmology</i> , 2019, 39, 533-540.	1.4	2
75	Commentary regarding video-based telemedicine triage in emergency ophthalmology during COVID-19. <i>EClinicalMedicine</i> , 2021, 36, 100870.	7.1	2
76	Short-duration transient visual evoked potentials and color reflectivity discretization analysis in glaucoma patients and suspects. <i>International Journal of Ophthalmology</i> , 2017, 10, 254-261.	1.1	2
77	Iris melanoma: factors predictive of post-management secondary glaucoma in 271 cases at a Single Ocular Oncology Centre. <i>Eye</i> , 2023, 37, 938-946.	2.1	2
78	Brimonidine purite solution for open-angle glaucoma or ocular hypertension. <i>Expert Review of Ophthalmology</i> , 2008, 3, 513-515.	0.6	1
79	Educational intervention to adopt selective laser trabeculoplasty as first-line glaucoma treatment: Randomized controlled trial: Educational intervention on selective laser trabeculoplasty. <i>European Journal of Ophthalmology</i> , 2021, , 112067212110183.	1.3	1
80	Validation and reproducibility of the Heidelberg Edge Perimeter in the detection of glaucomatous visual field defects. <i>International Journal of Ophthalmology</i> , 2019, 11, 577-581.	1.1	1
81	Clinicians' Use of Quantitative Information When Assessing the Rate of Structural Progression in Glaucoma. <i>Ophthalmology Glaucoma</i> , 2022, 5, 507-515.	1.9	1
82	Epiretinal Membrane Surgery in Eyes with Glaucoma: Visual Outcomes and Clinical Significance of Inner Microcystoid Changes. <i>Ophthalmology Retina</i> , 2022, 6, 693-701.	2.4	1
83	Twenty-four-hour intraocular pressure measurement in glaucoma. <i>Clinical and Experimental Ophthalmology</i> , 2015, 43, 782-783.	2.6	0
84	Impossibility to eliminate observer effect in the assessment of adherence in clinical trials. <i>Patient Preference and Adherence</i> , 2016, Volume 10, 2145-2150.	1.8	0
85	Reply. <i>Ophthalmology</i> , 2018, 125, e66-e67.	5.2	0
86	Reply. <i>Ophthalmology</i> , 2019, 126, e78-e79.	5.2	0
87	Authors' response. <i>Survey of Ophthalmology</i> , 2019, 64, 589-590.	4.0	0
88	In Reply: A Novel Surgical Technique for Ahmed Glaucoma Valve Implantation Without Plate Sutures. <i>Journal of Glaucoma</i> , 2020, 29, e108-e109.	1.6	0
89	Clinicians'™ Use of Quantitative Information when Assessing the Rate of Functional Progression in Glaucoma. <i>Ophthalmology Glaucoma</i> , 2022, , .	1.9	0