

Kaweh Mansouri

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

3,095
citations

147801

31
h-index

197818

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113
all docs

113
docs citations

113
times ranked

2105
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety and performance of a suprachoroidal sensor for telemetric measurement of intraocular pressure in the EYEMATE-SC trial. <i>British Journal of Ophthalmology</i> , 2023, 107, 518-524.	3.9	9
2	Measurement of intraocular temperature in glaucoma: week-day and seasonal fluctuations. <i>British Journal of Ophthalmology</i> , 2023, 107, 941-945.	3.9	2
3	Effect of eyelid muscle action and rubbing on telemetrically obtained intraocular pressure in patients with glaucoma with an IOP sensor implant. <i>British Journal of Ophthalmology</i> , 2023, 107, 1425-1431.	3.9	5
4	Changes in peripapillary and macular vascular density after laser selective trabeculoplasty: an optical coherence tomography angiography study. <i>Acta Ophthalmologica</i> , 2022, 100, 203-211.	1.1	6
5	Optical Microangiography and Progressive Retinal Nerve Fiber Layer Loss in Primary Open Angle Glaucoma. <i>American Journal of Ophthalmology</i> , 2022, 233, 171-179.	3.3	6
6	Optical Microangiography and Progressive Ganglion Cellâ€œInner Plexiform Layer Loss in Primary Open-Angle Glaucoma. <i>American Journal of Ophthalmology</i> , 2022, 238, 36-44.	3.3	4
7	Referenced scans improve the repeatability of optical coherence tomography angiography measurements in normal and glaucoma eyes. <i>British Journal of Ophthalmology</i> , 2021, 105, 1542-1547.	3.9	7
8	Weekly and seasonal changes of intraocular pressure measured with an implanted intraocular telemetry sensor. <i>British Journal of Ophthalmology</i> , 2021, 105, 387-391.	3.9	18
9	Outcomes of pattern scanning laser trabeculoplasty and selective laser trabeculoplasty: Results from the lausanne laser trabeculoplasty registry. <i>Acta Ophthalmologica</i> , 2021, 99, e154-e159.	1.1	3
10	Short-Term and Long-Term Variability of Intraocular Pressure Measured with an Intraocular Telemetry Sensor in Patients with Glaucoma. <i>Ophthalmology</i> , 2021, 128, 227-233.	5.2	13
11	The effect of daily life activities on intraocular pressure related variations in open-angle glaucoma. <i>Scientific Reports</i> , 2021, 11, 6598.	3.3	15
12	Continuous 24-hour measurement of intraocular pressure in millimeters of mercury (mmHg) using a novel contact lens sensor: Comparison with pneumatonometry. <i>PLoS ONE</i> , 2021, 16, e0248211.	2.5	7
13	Intraocular Pressure Variations After Intravitreal Injections Measured With an Implanted Suprachoroidal Telemetry Sensor. <i>Journal of Glaucoma</i> , 2021, 30, e360-e363.	1.6	3
14	Intraocular Pressure Monitoring Using an Intraocular Sensor Before and After Glaucoma Surgery. <i>Journal of Glaucoma</i> , 2021, 30, 941-946.	1.6	5
15	Intraocular Pressure Telemetry for Managing Glaucoma during the COVID-19 Pandemic. <i>Ophthalmology Glaucoma</i> , 2021, 4, 447-453.	1.9	10
16	Combined and stand-alone XEN 45 gel stent implantation: 3-year outcomes and success predictors. <i>Acta Ophthalmologica</i> , 2021, 99, e531-e539.	1.1	44
17	Telemetric Measurement of Intraocular Pressure via an Implantable Pressure Sensorâ€”12-Month Results from the ARGOS-02 Trial. <i>American Journal of Ophthalmology</i> , 2020, 209, 187-196.	3.3	44
18	Review of the measurement and management of 24-hour intraocular pressure in patients with glaucoma. <i>Survey of Ophthalmology</i> , 2020, 65, 171-186.	4.0	33

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19	Efficacy of Needling Revision After XEN Gel Stent Implantation: A Prospective Study. <i>Journal of Glaucoma</i> , 2020, 29, 11-14.	1.6	38
20	Intereye Symmetry of 24-Hour Intraocular Pressure-related Patterns in Untreated Glaucoma Patients Using a Contact Lens Sensor. <i>Journal of Glaucoma</i> , 2020, 29, 666-670.	1.6	8
21	XEN-augmented Baerveldt drainage device implantation in refractory glaucoma: 1-year outcomes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 1787-1794.	1.9	7
22	Relationship Between Contact Lens Sensor Output Parameters and Visual Field Progression in Open-angle Glaucoma: Assessment of a Practical Tool to Guide Clinical Risk-assessment. <i>Journal of Glaucoma</i> , 2020, 29, 461-466.	1.6	4
23	The Value of Intraocular Pressure Telemetry in Monitoring the Therapeutic Effect of Glaucoma Medications. <i>Journal of Glaucoma</i> , 2020, 29, e38-e40.	1.6	4
24	Predictors of Success in Selective Laser Trabeculoplasty: Data From the Lausanne Laser Trabeculoplasty Registry. <i>Journal of Glaucoma</i> , 2020, 29, 550-555.	1.6	7
25	Bilateral XEN Stent Implantation: A Long-term Prospective Study of the Difference in Outcomes Between First-operated and Fellow Eyes. <i>Journal of Glaucoma</i> , 2020, 29, 536-541.	1.6	8
26	Impact of Phacoemulsification Combined with XEN Gel Stent Implantation on Corneal Endothelial Cell Density: 2-Year Results. <i>Journal of Glaucoma</i> , 2020, 29, 155-160.	1.6	32
27	First-in-human continuous 24-hour measurement of intraocular pressure and ocular pulsation using a novel contact lens sensor. <i>British Journal of Ophthalmology</i> , 2020, 104, bjophthalmol-2019-315276.	3.9	6
28	EyeWatch Rescue of Refractory Hypotony After Baerveldt Drainage Device Implantation: Description of a New Technique. <i>Journal of Glaucoma</i> , 2020, 29, e7-e10.	1.6	4
29	Using 24-hr ocular dimensional profile recorded with a sensing contact lens to identify primary open-angle glaucoma patients with intraocular pressure constantly below the diagnostic threshold. <i>Acta Ophthalmologica</i> , 2020, 98, e1017-e1023.	1.1	5
30	OCT in Glaucoma. , 2020, , 427-472.		0
31	Minimally Invasive Surgery, Implantable Sensors, and Personalized Therapies. <i>Journal of Ophthalmic and Vision Research</i> , 2020, 15, 531-546.	1.0	0
32	Minimally Invasive Surgery, Implantable Sensors, and Personalized Therapies. <i>Journal of Ophthalmic and Vision Research</i> , 2020, 15, 531-546.	1.0	3
33	Repeatability and comparability of peripapillary vessel density measurements of high-density and non-high-density optical coherence tomography angiography scans in normal and glaucoma eyes. <i>British Journal of Ophthalmology</i> , 2019, 103, 949-954.	3.9	27
34	A Metric to Consider on the Global Accessibility of Glaucoma Surgery. <i>JAMA Ophthalmology</i> , 2019, 137, 1090.	2.5	0
35	Using sensors to estimate intraocular pressure: a review of intraocular pressure telemetry in clinical practice. <i>Expert Review of Ophthalmology</i> , 2019, 14, 263-276.	0.6	11
36	Acute emotional stress as a trigger for intraocular pressure elevation in Glaucoma. <i>BMC Ophthalmology</i> , 2019, 19, 69.	1.4	21

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37	Telemetric Intraocular Pressure Monitoring after Boston Keratoprosthesis Surgery Using the Eyemate-IO Sensor: Dynamics in the First Year. <i>American Journal of Ophthalmology</i> , 2019, 206, 256-263.	3.3	37
38	Tolerability and Functionality of a Wireless 24-Hour Ocular Telemetry Sensor in African American Glaucoma Patients. <i>Journal of Glaucoma</i> , 2019, 28, 119-124.	1.6	5
39	Two-Year Outcomes of XEN Gel Stent Surgery in Patients with Open-Angle Glaucoma. <i>Ophthalmology Glaucoma</i> , 2019, 2, 309-318.	1.9	40
40	Anterior Chamber XEN Gel Stent Movements: The Impact on Corneal Endothelial Cell Density. <i>Journal of Glaucoma</i> , 2019, 28, e93-e95.	1.6	31
41	XEN Gel Stent in Pseudoexfoliative Glaucoma: 2-Year Results of a Prospective Evaluation. <i>Journal of Glaucoma</i> , 2019, 28, 676-684.	1.6	63
42	The Effect of Therapeutic IOP-lowering Interventions on the 24-hour Ocular Dimensional Profile Recorded With a Sensing Contact Lens. <i>Journal of Glaucoma</i> , 2019, 28, 252-257.	1.6	10
43	Identifying the predictors of needling after XEN gel implant. <i>Eye</i> , 2019, 33, 353-357.	2.1	32
44	Choroidal Microvascular Dropout in Primary Angle Closure Glaucoma. <i>American Journal of Ophthalmology</i> , 2019, 199, 184-192.	3.3	28
45	Delayed Obstruction of XEN Gel Stent by Cell Debris in Primary Open-angle Glaucoma: A New Insight into the Pathophysiology of Filtration Device Failure. <i>Journal of Current Glaucoma Practice</i> , 2019, 13, 113-115.	0.5	12
46	Angle closure glaucoma secondary to multiple ciliary body cysts: Anterior segment imaging pre- and post-treatment with laser iridotomy and cystostomy. <i>Journal Francais D'Ophtalmologie</i> , 2019, 42, 1039-1040.	0.4	1
47	Diagnostic Ability and Structure-function Relationship of Peripapillary Optical Microangiography Measurements in Glaucoma. <i>Journal of Glaucoma</i> , 2018, 27, 219-226.	1.6	15
48	Diurnal Variations of Peripapillary and Macular Vessel Density in Glaucomatous Eyes Using Optical Coherence Tomography Angiography. <i>Journal of Glaucoma</i> , 2018, 27, 336-341.	1.6	37
49	XEN Gel Implant: a new surgical approach in glaucoma. <i>Expert Review of Medical Devices</i> , 2018, 15, 47-59.	2.8	69
50	Repeatability of vessel density measurements of optical coherence tomography angiography in normal and glaucoma eyes. <i>British Journal of Ophthalmology</i> , 2018, 102, 352-357.	3.9	122
51	Revision of a Leaking Bleb With XEN Gel Stent Replacement. <i>Journal of Glaucoma</i> , 2018, 27, e11-e13.	1.6	11
52	Prospective Evaluation of XEN Gel Implant in Eyes With Pseudoexfoliative Glaucoma. <i>Journal of Glaucoma</i> , 2018, 27, 869-873.	1.6	40
53	Goniotomy Using the Kahook Dual Blade in Severe and Refractory Glaucoma: 6-Month Outcomes. <i>Journal of Glaucoma</i> , 2018, 27, 849-855.	1.6	79
54	Pattern Scanning Laser (PASCAL) for Peripheral Iridoplasty in Eyes With Plateau Iris Syndrome: A Novel Application. <i>Journal of Glaucoma</i> , 2018, 27, e124-e127.	1.6	3

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55	Association Between 24-Hour Intraocular Pressure Monitored With Contact Lens Sensor and Visual Field Progression in Older Adults With Glaucoma. <i>JAMA Ophthalmology</i> , 2018, 136, 779.	2.5	55
56	Use of Machine Learning on Contact Lens Sensorâ€œDerived Parameters for the Diagnosis of Primary Open-angle Glaucoma. <i>American Journal of Ophthalmology</i> , 2018, 194, 46-53.	3.3	23
57	Chronic Intraocular Inflammation as a Risk Factor for XEN Gel Stent Occlusion: A Case of Microscopic Examination of a Fibrin-obstructed XEN Stent. <i>Journal of Glaucoma</i> , 2018, 27, 739-741.	1.6	33
58	Vessel Density and Structural Measurements of Optical Coherence Tomography in Primary Angle Closure and Primary Angle Closure Glaucoma. <i>American Journal of Ophthalmology</i> , 2017, 177, 106-115.	3.3	81
59	In Reply:. <i>Journal of Glaucoma</i> , 2017, 26, e257-e257.	1.6	7
60	Reproducibility of Optical Coherence Tomography Angiography Macular and Optic Nerve Head Vascular Density in Glaucoma and Healthy Eyes. <i>Journal of Glaucoma</i> , 2017, 26, 851-859.	1.6	106
61	XEN-augmented Baerveldt: A New Surgical Technique for Refractory Glaucoma. <i>Journal of Glaucoma</i> , 2017, 26, e90-e92.	1.6	32
62	Comparing pattern scanning laser trabeculoplasty to selective laser trabeculoplasty: A randomized controlled trial. <i>Acta Ophthalmologica</i> , 2017, 95, e361-e365.	1.1	20
63	Swept Source OCT and Glaucoma. , 2017, , 167-174.		0
64	Optical Coherence Tomography (OCT) in Glaucoma. , 2016, , 265-288.		0
65	24-h monitoring devices and nyctohemeral rhythms of intraocular pressure. <i>Progress in Retinal and Eye Research</i> , 2016, 55, 108-148.	15.5	64
66	Optical coherence tomography angiography and glaucoma: searching for the missing link. <i>Expert Review of Medical Devices</i> , 2016, 13, 879-880.	2.8	23
67	Systematic Review of Current Devices for 24-h Intraocular Pressure Monitoring. <i>Advances in Therapy</i> , 2016, 33, 1679-1690.	2.9	41
68	Detecting IOP Fluctuations in Glaucoma Patients. <i>Open Ophthalmology Journal</i> , 2016, 10, 44-55.	0.2	19
69	Twentyâ€œfourâ€œhour intraocular pressure patterns in patients with thyroid eye disease. <i>Clinical and Experimental Ophthalmology</i> , 2015, 43, 108-114.	2.6	19
70	Ambulatory 24-h intraocular pressure monitoring in the management of glaucoma. <i>Current Opinion in Ophthalmology</i> , 2015, 26, 214-220.	2.9	13
71	Analysis of 24-Hour IOP-related Pattern Changes After Medical Therapy. <i>Journal of Glaucoma</i> , 2015, 24, 396.	1.6	4
72	Automated Detection and Quantification of Circadian Eye Blinks Using a Contact Lens Sensor. <i>Translational Vision Science and Technology</i> , 2015, 4, 4.	2.2	20

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73	Efficacy of a Contact Lens Sensor for Monitoring 24-H Intraocular Pressure Related Patterns. PLoS ONE, 2015, 10, e0125530.	2.5	69
74	A nuanced approach to the surgical management of glaucoma. Middle East African Journal of Ophthalmology, 2015, 22, 1.	0.3	7
75	Effect of glaucoma medications on 24-hour intraocular pressure-related patterns using a contact lens sensor. Clinical and Experimental Ophthalmology, 2015, 43, 787-795.	2.6	32
76	Update on Schlemm's canal based procedures. Middle East African Journal of Ophthalmology, 2015, 22, 38.	0.3	19
77	Effect of cigarette smoking on intraocular pressure. Journal of Cataract and Refractive Surgery, 2015, 41, 682-683.	1.5	6
78	Estimation of 24-Hour Intraocular Pressure Peak Timing and Variation Using a Contact Lens Sensor. PLoS ONE, 2015, 10, e0129529.	2.5	29
79	HRT for the Diagnosis and Detection of Glaucoma Progression. Open Ophthalmology Journal, 2015, 9, 58-67.	0.2	12
80	Twenty-four-hour intraocular pressure patterns in a symptomatic patient after ab interno trabeculotomy surgery. Clinical Ophthalmology, 2014, 8, 2195.	1.8	8
81	Evaluation of Retinal and Choroidal Thickness by Swept-Source Optical Coherence Tomography: Repeatability and Assessment of Artifacts. American Journal of Ophthalmology, 2014, 157, 1022-1032.e3.	3.3	94
82	The road ahead to continuous 24-hour intraocular pressure monitoring in glaucoma. Journal of Ophthalmic and Vision Research, 2014, 9, 260-8.	1.0	21
83	Global rates of glaucoma surgery. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 2609-2615.	1.9	41
84	Assessment of Choroidal Thickness and Volume during the Water Drinking Test by Swept-Source Optical Coherence Tomography. Ophthalmology, 2013, 120, 2508-2516.	5.2	102
85	Is 24-hour Intraocular Pressure Monitoring Necessary in Glaucoma?. Seminars in Ophthalmology, 2013, 28, 157-164.	1.6	39
86	Validity of the Results of a Contact Lens Sensor? Reply. JAMA Ophthalmology, 2013, 131, 696.	2.5	9
87	Intraocular pressure changes during sexual activity. Acta Ophthalmologica, 2013, 91, e324-5.	1.1	17
88	Semiautomated quantification of zone parapapillary atrophy using blue light fundus autofluorescence. Acta Ophthalmologica, 2013, 91, e379-385.	1.1	0
89	Improved visualization of deep ocular structures in glaucoma using high penetration optical coherence tomography. Expert Review of Medical Devices, 2013, 10, 621-628.	2.8	27
90	A Minimally Invasive Device for the Monitoring of 24-hour Intraocular Pressure Patterns. US Ophthalmic Review, 2013, 06, 10.	0.2	7

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91	Error in PubMed in: Global Burden of Visual Impairment and Blindness. JAMA Ophthalmology, 2012, 130, 1559.	2.4	10
92	Continuous 24-Hour Monitoring of Intraocular Pressure Patterns With a Contact Lens Sensor. JAMA Ophthalmology, 2012, 130, 1534.	2.4	154
93	Meeting an unmet need in glaucoma: continuous 24-h monitoring of intraocular pressure. Expert Review of Medical Devices, 2012, 9, 225-231.	2.8	30
94	Association Between Corneal Biomechanical Properties and Glaucoma Severity. American Journal of Ophthalmology, 2012, 153, 419-427.e1.	3.3	72
95	Positional Independence of Optic Nerve Head and Retinal Nerve Fiber Layer Thickness Measurements With Spectral-Domain Optical Coherence Tomography. American Journal of Ophthalmology, 2012, 154, 712-721.e1.	3.3	11
96	Effects of Aging on 24-Hour Intraocular Pressure Measurements in Sitting and Supine Body Positions. , 2012, 53, 112.		54
97	Analysis of Continuous 24-Hour Intraocular Pressure Patterns in Glaucoma. , 2012, 53, 8050.		67
98	Imaging of the Lamina Cribrosa using Swept-Source Optical Coherence Tomography. Journal of Current Glaucoma Practice, 2012, 6, 113-119.	0.5	14
99	A refractive surgery candidate with optic nerve head cupping. Journal of Ophthalmic and Vision Research, 2012, 7, 248-56.	1.0	1
100	Compliance and knowledge about glaucoma in patients at tertiary glaucoma units. International Ophthalmology, 2011, 31, 369-376.	1.4	33
101	Letter to the editor: 24-hour versus daytime intraocular pressure phasing in the management of patients with treated glaucoma. British Journal of Ophthalmology, 2011, 95, 594-595.	3.9	11
102	Visualization of the Trabeculo-Descemet Membrane in Deep Sclerectomy After Nd:YAG Goniopuncture. JAMA Ophthalmology, 2011, 129, 1305.	2.4	15
103	Reconditioning of the trabeculo-descemet's membrane with the 532-nm Nd:YAG (SLT) laser after deep sclerectomy. Eye, 2011, 25, 1655-1657.	2.1	10
104	Continuous intraocular pressure monitoring with a wireless ocular telemetry sensor: initial clinical experience in patients with open angle glaucoma. British Journal of Ophthalmology, 2011, 95, 627-629.	3.9	196
105	Efficacy and Tolerability of Topical 0.05% Flunarizine in Patients With Open-angle Glaucoma or Ocular Hypertensionâ€”A Pilot Study. Journal of Glaucoma, 2011, 20, 519-522.	1.6	4
106	Comparing Deep Sclerectomy With Collagen Implant to the New Method of Very Deep Sclerectomy With Collagen Implant. Journal of Glaucoma, 2010, 19, 24-30.	1.6	20
107	Argon-Laser Iridoplasty in the Management of Uveitis-Induced Acute Angle-Closure Glaucoma. European Journal of Ophthalmology, 2009, 19, 304-306.	1.3	7
108	Effect of different application depths of mitomycinâ€” in deep sclerectomy with collagen implant: a randomized controlled trial. Clinical and Experimental Ophthalmology, 2009, 37, 286-292.	2.6	4

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109	A prospective ultrasound biomicroscopy evaluation of changes in anterior segment morphology following laser iridotomy in European eyes. <i>Eye</i> , 2009, 23, 2046-2051.	2.1	22
110	Will improvement of knowledge lead to improvement of compliance with glaucoma medication?. <i>Acta Ophthalmologica</i> , 2009, 87, 468-469.	1.1	5
111	Comparing Polymethylmethacrylate Implant With Collagen Implant in Deep Sclerectomy. <i>Journal of Glaucoma</i> , 2006, 15, 264-270.	1.6	39
112	Awareness about Glaucoma and Related Eye Health Attitudes in Switzerland: A Survey of the General Public. <i>Ophthalmologica</i> , 2006, 220, 101-108.	1.9	47
113	Long-term results of deep sclerectomy with collagen implant. <i>Journal of Cataract and Refractive Surgery</i> , 2004, 30, 1225-1231.	1.5	116