

Kaweh Mansouri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6008754/publications.pdf>

Version: 2024-02-01

113
papers

3,095
citations

147801

31
h-index

197818

49
g-index

113
all docs

113
docs citations

113
times ranked

2105
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous intraocular pressure monitoring with a wireless ocular telemetry sensor: initial clinical experience in patients with open angle glaucoma. <i>British Journal of Ophthalmology</i> , 2011, 95, 627-629.	3.9	196
2	Continuous 24-Hour Monitoring of Intraocular Pressure Patterns With a Contact Lens Sensor. <i>JAMA Ophthalmology</i> , 2012, 130, 1534.	2.4	154
3	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
4	Long-term results of deep sclerectomy with collagen implant. <i>Journal of Cataract and Refractive Surgery</i> , 2004, 30, 1225-1231.	1.5	116
5	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
6	Assessment of Choroidal Thickness and Volume during the Water Drinking Test by Swept-Source Optical Coherence Tomography. <i>Ophthalmology</i> , 2013, 120, 2508-2516.	5.2	102
7	Evaluation of Retinal and Choroidal Thickness by Swept-Source Optical Coherence Tomography: Repeatability and Assessment of Artifacts. <i>American Journal of Ophthalmology</i> , 2014, 157, 1022-1032.e3.	3.3	94
8	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
9	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
10	Association Between Corneal Biomechanical Properties and Glaucoma Severity. <i>American Journal of Ophthalmology</i> , 2012, 153, 419-427.e1.	3.3	72
11	Efficacy of a Contact Lens Sensor for Monitoring 24-H Intraocular Pressure Related Patterns. <i>PLoS ONE</i> , 2015, 10, e0125530.	2.5	69
12	XEN Gel Implant: a new surgical approach in glaucoma. <i>Expert Review of Medical Devices</i> , 2018, 15, 47-59.	2.8	69
13	Analysis of Continuous 24-Hour Intraocular Pressure Patterns in Glaucoma. , 2012, 53, 8050.		67
14	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
15	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
16	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
17	Effects of Aging on 24-Hour Intraocular Pressure Measurements in Sitting and Supine Body Positions. , 2012, 53, 112.		54
18	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

#	ARTICLE	IF	CITATIONS
19	Telemetric Measurement of Intraocular Pressure via an Implantable Pressure Sensor—12-Month Results from the ARGOS-02 Trial. <i>American Journal of Ophthalmology</i> , 2020, 209, 187-196.	3.3	44
20	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
21	Global rates of glaucoma surgery. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 2609-2615.	1.9	41
22	Systematic Review of Current Devices for 24-h Intraocular Pressure Monitoring. <i>Advances in Therapy</i> , 2016, 33, 1679-1690.	2.9	41
23	Prospective Evaluation of XEN Gel Implant in Eyes With Pseudoexfoliative Glaucoma. <i>Journal of Glaucoma</i> , 2018, 27, 869-873.	1.6	40
24	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
25	Comparing Polymethylmethacrylate Implant With Collagen Implant in Deep Sclerectomy. <i>Journal of Glaucoma</i> , 2006, 15, 264-270.	1.6	39
26	Is 24-hour Intraocular Pressure Monitoring Necessary in Glaucoma?. <i>Seminars in Ophthalmology</i> , 2013, 28, 157-164.	1.6	39
27	Efficacy of Needling Revision After XEN Gel Stent Implantation: A Prospective Study. <i>Journal of Glaucoma</i> , 2020, 29, 11-14.	1.6	38
28	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
29	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
30	Compliance and knowledge about glaucoma in patients at tertiary glaucoma units. <i>International Ophthalmology</i> , 2011, 31, 369-376.	1.4	33
31	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
32	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
33	Effect of glaucoma medications on 24-hour intraocular pressure-related patterns using a contact lens sensor. <i>Clinical and Experimental Ophthalmology</i> , 2015, 43, 787-795.	2.6	32
34	XEN-augmented Baerveldt: A New Surgical Technique for Refractory Glaucoma. <i>Journal of Glaucoma</i> , 2017, 26, e90-e92.	1.6	32
35	Identifying the predictors of needling after XEN gel implant. <i>Eye</i> , 2019, 33, 353-357.	2.1	32
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	Meeting an unmet need in glaucoma: continuous 24-h monitoring of intraocular pressure. <i>Expert Review of Medical Devices</i> , 2012, 9, 225-231.	2.8	30
39	Estimation of 24-Hour Intraocular Pressure Peak Timing and Variation Using a Contact Lens Sensor. <i>PLoS ONE</i> , 2015, 10, e0129529.	2.5	29
40	Choroidal Microvascular Dropout in Primary Angle Closure Glaucoma. <i>American Journal of Ophthalmology</i> , 2019, 199, 184-192.	3.3	28
41	Improved visualization of deep ocular structures in glaucoma using high penetration optical coherence tomography. <i>Expert Review of Medical Devices</i> , 2013, 10, 621-628.	2.8	27
42	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
43	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
44	Use of Machine Learning on Contact Lens Sensorâ€Derived Parameters for the Diagnosis of Primary Open-angle Glaucoma. <i>American Journal of Ophthalmology</i> , 2018, 194, 46-53.	3.3	23
45	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
46	Acute emotional stress as a trigger for intraocular pressure elevation in Glaucoma. <i>BMC Ophthalmology</i> , 2019, 19, 69.	1.4	21
47	The road ahead to continuous 24-hour intraocular pressure monitoring in glaucoma. <i>Journal of Ophthalmic and Vision Research</i> , 2014, 9, 260-8.	1.0	21
48	Comparing Deep Sclerectomy With Collagen Implant to the New Method of Very Deep Sclerectomy With Collagen Implant. <i>Journal of Glaucoma</i> , 2010, 19, 24-30.	1.6	20
49	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
50	Comparing pattern scanning laser trabeculoplasty to selective laser trabeculoplasty: A randomized controlled trial. <i>Acta Ophthalmologica</i> , 2017, 95, e361-e365.	1.1	20
51	Twentyâ€fourâ€hour intraocular pressure patterns in patients with thyroid eye disease. <i>Clinical and Experimental Ophthalmology</i> , 2015, 43, 108-114.	2.6	19
52	Update on Schlemmâ€™s canal based procedures. <i>Middle East African Journal of Ophthalmology</i> , 2015, 22, 38.	0.3	19
53	Detecting IOP Fluctuations in Glaucoma Patients. <i>Open Ophthalmology Journal</i> , 2016, 10, 44-55.	0.2	19
54	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

#	ARTICLE	IF	CITATIONS
55	Intraocular pressure changes during sexual activity. <i>Acta Ophthalmologica</i> , 2013, 91, e324-5.	1.1	17
56	Visualization of the Trabeculo-Descemet Membrane in Deep Sclerectomy After Nd:YAG Goniopuncture. <i>JAMA Ophthalmology</i> , 2011, 129, 1305.	2.4	15
57	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
58	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
59	Imaging of the Lamina Cribrosa using Swept-Source Optical Coherence Tomography. <i>Journal of Current Glaucoma Practice</i> , 2012, 6, 113-119.	0.5	14
60	Ambulatory 24-h intraocular pressure monitoring in the management of glaucoma. <i>Current Opinion in Ophthalmology</i> , 2015, 26, 214-220.	2.9	13
61	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
62	HRT for the Diagnosis and Detection of Glaucoma Progression. <i>Open Ophthalmology Journal</i> , 2015, 9, 58-67.	0.2	12
63	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
64	Letter to the editor: 24-hour versus daytime intraocular pressure phasing in the management of patients with treated glaucoma. <i>British Journal of Ophthalmology</i> , 2011, 95, 594-595.	3.9	11
65	Positional Independence of Optic Nerve Head and Retinal Nerve Fiber Layer Thickness Measurements With Spectral-Domain Optical Coherence Tomography. <i>American Journal of Ophthalmology</i> , 2012, 154, 712-721.e1.	3.3	11
66	Revision of a Leaking Bleb With XEN Gel Stent Replacement. <i>Journal of Glaucoma</i> , 2018, 27, e11-e13.	1.6	11
67	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
68	Reconditioning of the trabeculo-descemet's membrane with the 532-nm Nd:YAG (SLT) laser after deep sclerectomy. <i>Eye</i> , 2011, 25, 1655-1657.	2.1	10
69	Error in PubMed in: Global Burden of Visual Impairment and Blindness. <i>JAMA Ophthalmology</i> , 2012, 130, 1559.	2.4	10
70	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
71	Intraocular Pressure Telemetry for Managing Glaucoma during the COVID-19 Pandemic. <i>Ophthalmology Glaucoma</i> , 2021, 4, 447-453.	1.9	10
72	Validity of the Results of a Contact Lens Sensor? Reply. <i>JAMA Ophthalmology</i> , 2013, 131, 696.	2.5	9

#	ARTICLE	IF	CITATIONS
73	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
74	Twenty-four-hour intraocular pressure patterns in a symptomatic patient after ab interno trabeculotomy surgery. <i>Clinical Ophthalmology</i> , 2014, 8, 2195.	1.8	8
75	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
76	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
77	Argon-Laser Iridoplasty in the Management of Uveitis-induced Acute Angle-Closure Glaucoma. <i>European Journal of Ophthalmology</i> , 2009, 19, 304-306.	1.3	7
78	A nuanced approach to the surgical management of glaucoma. <i>Middle East African Journal of Ophthalmology</i> , 2015, 22, 1.	0.3	7
79	In Reply:. <i>Journal of Glaucoma</i> , 2017, 26, e257-e257.	1.6	7
80	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
81	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
82	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
83	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
84	A Minimally Invasive Device for the Monitoring of 24-hour Intraocular Pressure Patterns. <i>US Ophthalmic Review</i> , 2013, 06, 10.	0.2	7
85	Effect of cigarette smoking on intraocular pressure. <i>Journal of Cataract and Refractive Surgery</i> , 2015, 41, 682-683.	1.5	6
86	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
87	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
88	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
89	Will improvement of knowledge lead to improvement of compliance with glaucoma medication?. <i>Acta Ophthalmologica</i> , 2009, 87, 468-469.	1.1	5
90	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

#	ARTICLE	IF	CITATIONS
91	Using 24-hour 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
92	Intraocular Pressure Monitoring Using an Intraocular Sensor Before and After Glaucoma Surgery. <i>Journal of Glaucoma</i> , 2021, 30, 941-946.	1.6	5
93	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
94	Effect of different application depths of mitomycin in deep sclerectomy with collagen implant: a randomized controlled trial. <i>Clinical and Experimental Ophthalmology</i> , 2009, 37, 286-292.	2.6	4
95	Analysis of 24-Hour IOP-related Pattern Changes After Medical Therapy. <i>Journal of Glaucoma</i> , 2015, 24, 396.	1.6	4
96	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
97	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
98	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
99	Efficacy and Tolerability of Topical 0.05% Flunarizine in Patients With Open-angle Glaucoma or Ocular Hypertension: A Pilot Study. <i>Journal of Glaucoma</i> , 2011, 20, 519-522.	1.6	4
100	Optical Microangiography and Progressive Ganglion Cell Inner Plexiform Layer Loss in Primary Open-Angle Glaucoma. <i>American Journal of Ophthalmology</i> , 2022, 238, 36-44.	3.3	4
101	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
102	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
103	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
104	Minimally Invasive Surgery, Implantable Sensors, and Personalized Therapies. <i>Journal of Ophthalmic and Vision Research</i> , 2020, 15, 531-546.	1.0	3
105	Measurement of intraocular temperature in glaucoma: week-day and seasonal fluctuations. <i>British Journal of Ophthalmology</i> , 2023, 107, 941-945.	3.9	2
106	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
107	A refractive surgery candidate with optic nerve head cupping. <i>Journal of Ophthalmic and Vision Research</i> , 2012, 7, 248-56.	1.0	1
108	Semiautomated quantification of zone parapapillary atrophy using blue light fundus autofluorescence. <i>Acta Ophthalmologica</i> , 2013, 91, e379-385.	1.1	0

#	ARTICLE	IF	CITATIONS
109	Optical Coherence Tomography (OCT) in Glaucoma. , 2016, , 265-288.		0
110	A Metric to Consider on the Global Accessibility of Glaucoma Surgery. JAMA Ophthalmology, 2019, 137, 1090.	2.5	0
111	Swept Source OCT and Glaucoma. , 2017, , 167-174.		0
112	OCT in Glaucoma. , 2020, , 427-472.		0
113	Minimally Invasive Surgery, Implantable Sensors, and Personalized Therapies. Journal of Ophthalmic and Vision Research, 2020, 15, 531-546.	1.0	0