Marek Rekas

List of Publications by Year
in descending order

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67	1,005	516710 16	501196 28
papers	citations	h-index	g-index

67	67	67	858
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Schlemm Canal Microstent for Intraocular Pressure Reduction in Primary Open-Angle Glaucoma and Cataract. Ophthalmology, 2019, 126, 29-37.	5.2	152
2	Prospective unmasked randomized evaluation of the iStent inject® versus two ocular hypotensive agents in patients with primary open-angle glaucoma. Clinical Ophthalmology, 2014, 8, 875.	1.8	122
3	Apodized diffractive versus refractive multifocal intraocular lenses: Optical and visual evaluation. Journal of Cataract and Refractive Surgery, 2008, 34, 2036-2042.	1.5	73
4	Comparison of torsional and longitudinal modes using phacoemulsification parameters. Journal of Cataract and Refractive Surgery, 2009, 35, 1719-1724.	1.5	53
5	The RELIEF study: Tolerability and efficacy of preservative-free latanoprost in the treatment of glaucoma or ocular hypertension. European Journal of Ophthalmology, 2019, 29, 210-215.	1.3	31
6	Evaluation of a Schlemm canal scaffold microstent combined with phacoemulsification in routine clinical practice: Two-year multicenter study. Journal of Cataract and Refractive Surgery, 2017, 43, 886-891.	1.5	27
7	Prospective Randomized Study Comparing Combined Phaco-ExPress and Phacotrabeculectomy in Open Angle Glaucoma Treatment: 12-Month Follow-Up. Journal of Ophthalmology, 2015, 2015, 1-9.	1.3	26
8	Use of Machine Learning on Contact Lens Sensorâ€“Derived Parameters for the Diagnosis of Primary Open-angle Glaucoma. American Journal of Ophthalmology, 2018, 194, 46-53.	3.3	23
9	Canaloplasty versus non-penetrating deep sclerectomy â€“ a prospective, randomised study of the safety and efficacy of combined cataract and glaucoma surgery; 12-month follow-up. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 591-599.	1.9	22
10	Analysis and Modeling of Anatomical Changes of the Anterior Segment of the Eye After Cataract Surgery with Consideration of Different Phenotypes of Eye Structure. Current Eye Research, 2015, 40, 1018-1027.	1.5	21
11	Effectiveness of iStent Trabecular Microbypass System Combined with Phacoemulsification versus Phacoemulsification Alone in Patients with Glaucoma and Cataract Depending on the Initial Intraocular Pressure. Ophthalmic Research, 2021, 64, 327-336.	1.9	21
12	Assessing Efficacy of Canaloplasty Using Continuous 24-Hour Monitoring of Ocular Dimensional Changes. , 2016, 57, 2533.		20
13	Citicoline: A Food Beneficial for Patients Suffering from or Threated with Glaucoma. Frontiers in Aging Neuroscience, 2016, 8, 73.	3.4	20
14	Intention to Get COVID-19 Vaccinations among Ophthalmology Residents in Poland: A Cross-Sectional Survey. Vaccines, 2021, 9, 371.	4.4	20
15	Vision-Related Quality of Life in Patients with Diabetic Macular Edema Treated with Intravitreal Aflibercept. Ophthalmology Retina, 2019, 3, 567-575.	2.4	19
16	Canaloplasty in the Treatment of Primary Open-Angle Glaucoma: Patient Selection and Perspectives . Clinical Ophthalmology, 2019, Volume 13, 2617-2629.	1.8	19
17	Risk Factors of Malignant Glaucoma Occurrence after Glaucoma Surgery. Journal of Ophthalmology, 2017, 2017, 1-6.	1.3	18
18	Microinvasive glaucoma surgery: a review and classification of implantâ€dependent procedures and techniques. Acta Ophthalmologica, 2022, 100, .	1.1	18

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19	Microinvasive Glaucoma Surgery: A Review of Schlemmâ€™s Canal-Based Procedures. Clinical Ophthalmology, 2021, Volume 15, 1109-1118.	1.8	17
20	Sealed-capsule Irrigation with Distilled Deionized Water to Prevent Posterior Capsule Opacification â€“ Prospective, Randomized Clinical Trial. Current Eye Research, 2013, 38, 363-370.	1.5	16
21	Evacuating a pre-Descemet hematoma through a clear corneal incision during a canaloplasty procedure. Journal of Cataract and Refractive Surgery, 2014, 40, 1953-1957.	1.5	15
22	Evaluation of the Effectiveness of Surgical Treatment of Malignant Glaucoma in Pseudophakic Eyes through Partial PPV with Establishment of Communication between the Anterior Chamber and the Vitreous Cavity. Journal of Ophthalmology, 2015, 2015, 1-6.	1.3	15
23	Phacoemulsification with corneal astigmatism correction with the use of a toric intraocular lens in a case of megalocornea. Journal of Cataract and Refractive Surgery, 2011, 37, 1546-1550.	1.5	14
24	The Effectiveness of First-Generation iStent Microbypass Implantation Depends on Initial Intraocular Pressure: 24-Month Follow-Upâ€”Prospective Clinical Trial. Journal of Ophthalmology, 2020, 2020, 1-8.	1.3	14
25	Long-Term Reduction of Short-Wavelength Light Affects Sustained Attention and Visuospatial Working Memory With No Evidence for a Change in Circadian Rhythmicity. Frontiers in Neuroscience, 2020, 14, 654.	2.8	13
26	XEN Glaucoma Implant for the Management of Operated Uncontrolled Glaucoma: Results and Complications during a Long-Term Follow-Up. Journal of Ophthalmology, 2021, 2021, 1-9.	1.3	13
27	Schlemm's canal: the outflow â€˜vesselâ€™. Acta Ophthalmologica, 2022, 100, .	1.1	13
28	XEN Glaucoma Implant for the Management of Glaucoma in NaÃ¯ve Patients versus Patients with Previous Glaucoma Surgery. Journal of Clinical Medicine, 2021, 10, 4417.	2.4	13
29	Aqueous humor selenium level and open-angle glaucoma. Journal of Trace Elements in Medicine and Biology, 2018, 50, 67-72.	3.0	11
30	Impact of the COVID-19 pandemic on ophthalmic specialist training in Poland. PLoS ONE, 2021, 16, e0257876.	2.5	11
31	High Efficacy of Methotrexate in Patients with Recurrent Idiopathic Acute Anterior Uveitis: a Prospective Study. Archivum Immunologiae Et Therapiae Experimentalis, 2017, 65, 93-97.	2.3	10
32	Optical quality in eyes with aspheric intraocular lenses and in younger and older adult phakic eyes: Comparative study. Journal of Cataract and Refractive Surgery, 2009, 35, 297-302.	1.5	9
33	Surgical reconstruction of traumatic ciliary body dialysis: a case report. Journal of Medical Case Reports, 2017, 11, 22.	0.8	8
34	Canaloplasty versus Nonpenetrating Deep Sclerectomy: 2-Year Results and Quality of Life Assessment. Journal of Ophthalmology, 2018, 2018, 1-10.	1.3	8
35	Treatment of Open-Angle Glaucoma with iStent Implantation Combined with Phacoemulsification in Polish Caucasian Population. Clinical Ophthalmology, 2021, Volume 15, 473-480.	1.8	8
36	Protective effect of chitosan oligosaccharide lactate against DNA double-strand breaks induced by a model methacrylate dental adhesive. Medical Science Monitor, 2011, 17, BR201-BR208.	1.1	8

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37	The Impact of the COVID-19 Pandemic on Ophthalmology Residents: A Narrative Review. International Journal of Environmental Research and Public Health, 2021, 18, 11567.	2.6	8
38	Combined surgery for cataract and glaucoma: PDS with absorbable SK-gel implant compared with PDS with non-absorbable T-flux implant â€“ medium-term results. Current Medical Research and Opinion, 2010, 26, 1131-1137.	1.9	7
39	Model of the light sword intraocular lens: in-vitro comparative studies. Biomedical Optics Express, 2020, 11, 40.	2.9	7
40	Effect of Phacoemulsification on Visual Acuity and Macular Morphology in Patients with Wet Age-Related Macular Degeneration. Medical Science Monitor, 2018, 24, 6517-6524.	1.1	6
41	The Light Sword Lens - A novel method of presbyopia compensation: Pilot clinical study. PLoS ONE, 2019, 14, e0211823.	2.5	6
42	Mini-canaloplasty as a modified technique for the surgical treatment of open-angle glaucoma. Scientific Reports, 2020, 10, 12801.	3.3	6
43	Predicting Factors Influencing Visual Function of the Eye in Patients with Unresolved Facial Nerve Palsy after Upper Eyelid Gold Weight Loading. Journal of Clinical Medicine, 2021, 10, 578.	2.4	6
44	Sclerokeratoplasty as the Therapy for Corneal Perforation due to Exposure and Neurotrophic Keratopathy. Case Reports in Ophthalmological Medicine, 2014, 2014, 1-4.	0.5	4
45	Quality of Life in Patients with Unresolved Facial Nerve Palsy and Exposure Keratopathy Treated by Upper Eyelid Gold Weight Loading . Clinical Ophthalmology, 2020, Volume 14, 2211-2222.	1.8	4
46	Processing of OPA1 with a novel N-terminal mutation in patients with autosomal dominant optic atrophy: Escape from nonsense-mediated decay. PLoS ONE, 2017, 12, e0183866.	2.5	4
47	Phacoemulsificationâ€“deep sclerectomy modified by trabeculum microperforations and implantation of lens anterior capsule as autologous scleral implant. Current Medical Research and Opinion, 2010, 26, 2025-2032.	1.9	3
48	Changes in spectral parameters of corneal pulse following canaloplasty. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 2449-2459.	1.9	3
49	Improvement of the Safety Profile of Canaloplasty and Phacocanaloplasty: A Review of Complications and Their Management. Journal of Ophthalmology, 2020, 2020, 1-6.	1.3	3
50	Mid-term evaluation of the safety and efficacy of the iStent trabecular micro-bypass system combined with phacoemulsification. Advances in Clinical and Experimental Medicine, 2021, 30, 49-54.	1.4	3
51	Ophthalmological and obstetric management in pregnant women with retinal disorders. Ginekologia Polska, 2019, 90, 285-288.	0.7	3
52	Relationship Between the Parameters of Corneal and Fundus Pulse Signals Acquired With a Combined Ultrasound and Laser Interferometry Technique. Translational Vision Science and Technology, 2019, 8, 15.	2.2	2
53	Comparison of ExPress Implantation and Partial Deep Sclerectomy Combined with ExPress Implantation and Simultaneous Phacoemulsification. Journal of Ophthalmology, 2019, 2019, 1-9.	1.3	2
54	Cefuroxime (AprokamÂ®) in the Prophylaxis of Postoperative Endophthalmitis After Cataract Surgery Versus Absence of Antibiotic Prophylaxis: A Cost-Effectiveness Analysis in Poland. Value in Health Regional Issues, 2020, 22, 115-121.	1.2	2

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55	Phacotrabeculectomy versus Phaco with Implantation of the Ex-PRESS Device: Surgical and Refractive Outcomesâ€"A Randomized Controlled Trial. Journal of Clinical Medicine, 2021, 10, 424.	2.4	2
56	Comparison of Self-Reported and Objective Adherence to Antiglaucoma Medications. Journal of Ocular Pharmacology and Therapeutics, 2016, 32, 403-404.	1.4	1
57	Using the entropy of the corneal pulse signal to distinguish healthy eyes from eyes affected by primary open-angle glaucoma. Physiological Measurement, 2020, 41, 055011.	2.1	1
58	Transitory hypotonia as a prognostic factor in combined procedures of phacoemulsification and deep sclerectomy. Klinika Oczna, 2008, 110, 292-6.	0.0	1
59	Reply. Journal of Cataract and Refractive Surgery, 2015, 41, 1123-1124.	1.5	0
60	Ophthalmological manifestations in antiphospholid syndrome â€" case series. Klinika Oczna, 2019, 2019, 47-50.	0.0	0
61	Structural retinal changes in optical coherence tomography in patients with multiple sclerosis patients. Klinika Oczna, 2018, 2018, 205-210.	0.0	0
62	Changes in corneal astigmatism following pterygium surgery â€" comparison of 3 different surgical techniques. Klinika Oczna, 2018, 2018, 80-84.	0.0	0
63	Enucleation in the material of the Department of Ophthalmology of Military Institute of Medicine in Warsaw in 2014â€"2018. Klinika Oczna, 2018, 2018, 221-226.	0.0	0
64	NEUROPROTECTION TO COUNTERACT GLAUCOMATOUS DEGENERATION OF RETINA; THE USE OF CITICOLINE. Acta Poloniae Pharmaceutica, 2019, 76, 409-420.	0.1	0
65	The effectiveness of phacodeepsclerectomy performed with implantation sk-gel and T-flux--12 months observations. Klinika Oczna, 2008, 110, 145-50.	0.0	0
66	Refractive astigmatism in phaco-canaloplasty vs phaco-non-penetrating deep sclerectomy. Scientific Reports, 2022, 12, .	3.3	0
67	The impact of implantation site on procedure success in patients with unresolved facial palsy treated with upper-eyelid gold weight loading. Scientific Reports, 2022, 12, .	3.3	0