Edward WylÄðaÅ,a

List of Publications by Year in descending order

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		279798	302126	
128	2,077	23	39	
papers	citations	h-index	g-index	
135	135	135	2646	
all docs	docs citations	times ranked	citing authors	

#	Article	IF	Citations
1	Mechanisms of the Blood–Brain Barrier Disruption in HIV-1 Infection. Cellular and Molecular Neurobiology, 2005, 25, 181-199.	3.3	203
2	Phase II Randomized, Double-Masked, Vehicle-Controlled Trial of Recombinant Human Nerve Growth Factor for Neurotrophic Keratitis. Ophthalmology, 2018, 125, 1332-1343.	5.2	188
3	Anterior segment imaging: Fourier-domain optical coherence tomography versus time-domain optical coherence tomography. Journal of Cataract and Refractive Surgery, 2009, 35, 1410-1414.	1.5	84
4	Optical coherence angiography. Medicine (United States), 2016, 95, e4907.	1.0	72
5	Comparison of Three Intraocular Pressure Measurement Methods Including Biomechanical Properties of the Cornea. , 2014, 55, 666.		68
6	Hydrogel membranes based on genipin-cross-linked chitosan blends for corneal epithelium tissue engineering. Journal of Materials Science: Materials in Medicine, 2012, 23, 1991-2000.	3.6	66
7	Phase I Trial of Recombinant Human Nerve Growth Factor for Neurotrophic Keratitis. Ophthalmology, 2018, 125, 1468-1471.	5.2	56
8	ERK 1/2 signaling pathway is involved in nicotineâ€mediated neuroprotection in spinal cord neurons. Journal of Cellular Biochemistry, 2007, 100, 279-292.	2.6	55
9	Involvement of genetic factors in the response to a variable-dosing ranibizumab treatment regimen for age-related macular degeneration. Molecular Vision, 2010, 16, 2598-604.	1.1	55
10	Management of pseudophakic bullous keratopathy by combined Descemet-stripping endothelial keratoplasty and intraocular lens exchange. Journal of Cataract and Refractive Surgery, 2008, 34, 1708-1714.	1.5	52
11	Cultivated Oral Mucosa Epithelium in Ocular Surface Reconstruction in Aniridia Patients. BioMed Research International, 2015, 2015, 1-7.	1.9	38
12	Limbal Stem Cells Transplantation in the Reconstruction of the Ocular Surface: 6 Years Experience. European Journal of Ophthalmology, 2008, 18, 886-890.	1.3	34
13	2019 Guidelines on the management of diabetic patients. A position of Diabetes Poland. Clinical Diabetology, 2019, 8, 1-95.	0.6	34
14	PAX6 Mutational Status Determines Aniridia-Associated Keratopathy Phenotype. Ophthalmology, 2020, 127, 273-275.	5.2	32
15	Early phenotypic features of aniridia-associated keratopathy and association with PAX6 coding mutations. Ocular Surface, 2020, 18, 130-140.	4.4	32
16	2018 Guidelines on the management of diabetic patients. A position of Diabetes Poland. Clinical Diabetology, 2018, 7, 1-90.	0.6	31
17	Selected parameters of the corneal deformation in the Corvis tonometer. BioMedical Engineering OnLine, 2014, 13, 55.	2.7	30
18	A quantitative method for assessing the quality of meibomian glands. Computers in Biology and Medicine, 2016, 75, 130-138.	7.0	30

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19	Monitoring Cornea and Graft Morphometric Dynamics After Descemet Stripping and Endothelial Keratoplasty With Anterior Segment Optical Coherence Tomography. Cornea, 2010, 29, 272-277.	1.7	27
20	Phenotype–Genotype Correlation in Patients With Schnyder Corneal Dystrophy. Cornea, 2014, 33, 497-503.	1.7	27
21	Fully automatic algorithm for the analysis of vessels in the angiographic image of the eye fundus. BioMedical Engineering OnLine, 2012, 11, 35.	2.7	26
22	Automatic analysis of selected choroidal diseases in OCT images of the eye fundus. BioMedical Engineering OnLine, 2013, 12, 117.	2.7	26
23	<scp>CO</scp> ₂ laserâ€assisted sclerectomy surgery compared with trabeculectomy in primary openâ€angle glaucoma and exfoliative glaucoma. A 1â€year followâ€up. Acta Ophthalmologica, 2018, 96, e582-e591.	1.1	26
24	Effectiveness of the soft-shell technique in patients with Fuchs' endothelial dystrophy. Journal of Cataract and Refractive Surgery, 2007, 33, 1907-1912.	1.5	25
25	Evaluation of the efficacy, safety, and acceptability of an eyelid warming device for the treatment of meibomian gland dysfunction. Clinical Ophthalmology, 2014, 8, 2019.	1.8	24
26	Reproducibility, and repeatability of corneal topography measured by Revo NX, Galilei G6 and Casia 2 in normal eyes. PLoS ONE, 2020, 15, e0230589.	2.5	24
27	Phenotype and genotype analysis in patients with macular corneal dystrophy. British Journal of Ophthalmology, 2014, 98, 1514-1521.	3.9	22
28	Differences in Surgical Management of Corneal Perforations, Measured over Six Years. Journal of Ophthalmology, 2017, 2017, 1-6.	1.3	22
29	Retinal OCT Findings in Patients after COVID Infection. Journal of Clinical Medicine, 2021, 10, 3233.	2.4	22
30	Corneal confocal subâ€basal nerve plexus evaluation: a review. Acta Ophthalmologica, 2018, 96, 232-242.	1.1	20
31	Stage-related central corneal epithelial transformation in congenital aniridia-associated keratopathy. Ocular Surface, 2018, 16, 163-172.	4.4	20
32	Arachidonic acid increases choline acetyltransferase activity in spinal cord neurons through a protein kinase C-mediated mechanism. Journal of Neurochemistry, 2004, 90, 629-636.	3.9	19
33	Clinical, Confocal, and Morphological Investigations on the Cornea in Human Mucopolysaccharidosis IH-S. Cornea, 2014, 33, 35-42.	1.7	18
34	Corneal Structural Changes in Nonneoplastic and Neoplastic Monoclonal Gammopathies. , 2016, 57, 2657.		18
35	Macular Corneal Dystrophy. Ophthalmology, 2014, 121, 1164-1173.	5.2	17
36	Comparative Study of Anterior Eye Segment Measurements with Spectral Swept-Source and Time-Domain Optical Coherence Tomography in Eyes with Corneal Dystrophies. BioMed Research International, 2015, 2015, 1-10.	1.9	16

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37	Total Penetrating Keratoplasty: Indications, Therapeutic Approach, and Long-Term Follow-Up. Journal of Ophthalmology, 2018, 2018, 1-6.	1.3	16
38	Cytoarchitecture of epithelial inflammatory infiltration indicates the aetiology of infectious keratitis. Acta Ophthalmologica, 2017, 95, 405-413.	1.1	15
39	Comparison of foveal avascular zone and retinal vascular density in healthy Chinese and Caucasian adults. Acta Ophthalmologica, 2020, 98, e464-e469.	1.1	15
40	Amniotic Membrane as a Main Component in Treatments Supporting Healing and Patch Grafts in Corneal Melting and Perforations. Journal of Ophthalmology, 2020, 2020, 1-7.	1.3	15
41	A69S and R38X ARMS2 and Y402H CFH gene polymorphisms as risk factors for neovascular age-related macular degeneration in Poland – a brief report. Medical Science Monitor, 2012, 18, PR1-PR3.	1.1	15
42	Aflibercept Treatment Leads to Vascular Abnormalization of the Choroidal Neovascularization. Journal of Healthcare Engineering, 2018, 2018, 1-5.	1.9	14
43	Metabolomic Signature Discriminates Normal Human Cornea from Keratoconus—A Pilot GC/MS Study. Molecules, 2020, 25, 2933.	3.8	14
44	The Influence of Work Environment Factors on the Ocular Surface in a One-Year Follow-Up Prospective Clinical Study. Diagnostics, 2021, 11, 392.	2.6	14
45	Methods of measuring the iridocorneal angle in tomographic images of the anterior segment of the eye. BioMedical Engineering OnLine, 2013, 12, 40.	2.7	12
46	Donor disc attachment assessment with intraoperative spectral optical coherence tomography during descemet stripping automated endothelial keratoplasty. Indian Journal of Ophthalmology, 2013, 61, 511.	1.1	12
47	Quantitative assessment of responses of the eyeball based on data from the Corvis tonometer. Computers in Biology and Medicine, 2015, 58, 91-100.	7.0	12
48	Disease aetiologyâ€based design of multifunctional microemulsion eye drops for moderate or severe dry eye: a randomized, quadrupleâ€masked and activeâ€controlled clinical trial. Acta Ophthalmologica, 2020, 98, 244-254.	1.1	12
49	Long-term results of excimer laser procedure to correct astigmatic refractive errors. Medical Science Monitor, 2013, 19, 927-933.	1.1	12
50	Structural, ultrastructural, and morphometric study of the zebrafish ocular surface: a model for human corneal diseases?. Current Eye Research, 2018, 43, 175-185.	1.5	11
51	Metabolic Profile of Keratoconic Cornea. Current Eye Research, 2013, 38, 305-309.	1.5	10
52	Measurements of Corneal Thickness in Eyes with Pseudoexfoliation Syndrome: Comparative Study of Different Image Processing Protocols. Journal of Healthcare Engineering, 2017, 2017, 1-6.	1.9	10
53	Scheimpflug Camera and Swept-Source Optical Coherence Tomography in Pachymetry Evaluation of Diabetic Patients. Journal of Ophthalmology, 2019, 2019, 1-6.	1.3	10

Treatment of conjunctival papilloma with topical interferon alpha-2b - case report. Medicine (United) Tj ETQq0 0 0 0 rgBT /Overlock 10 Tf

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55	Comparison of Long-Term Outcomes of the Lamellar and Penetrating Keratoplasty Approaches in Patients with Keratoconus. Journal of Clinical Medicine, 2021, 10, 2421.	2.4	10
56	Knowledge and Attitudes toward Cornea Donation among Different Social Groups in Poland. Journal of Clinical Medicine, 2021, 10, 5031.	2.4	10
57	Usefulness of anterior segment optical coherence tomography in Descemet membrane detachment. European Journal of Ophthalmology, 2009, 19, 723-8.	1.3	10
58	The Effectiveness of Brolucizumab and Aflibercept in Patients with Neovascular Age-Related Macular Degeneration. International Journal of Environmental Research and Public Health, 2022, 19, 2303.	2.6	10
59	NMR Spectroscopy of Human Eye Tissues: A New Insight into Ocular Biochemistry. Scientific World Journal, The, 2014, 2014, 1-9.	2.1	9
60	Comparative Confocal and Histopathological Study of Corneal Changes in Multiple Myeloma. Cornea, 2017, 36, 123-126.	1.7	9
61	Long-Term Outcomes of Allogeneic Ocular Surface Reconstruction: Keratolimbal Allograft (KLAL) Followed by Penetrating Keratoplasty (PK). Journal of Ophthalmology, 2020, 2020, 1-7.	1.3	9
62	Diabetic Macular Edema Treatment with Bevacizumab Does Not Depend on the Retinal Nonperfusion Presence. Journal of Diabetes Research, 2021, 2021, 1-15.	2.3	9
63	Swept Source Optical Coherence Tomography Analysis of the Selected Eye's Anterior Segment Parameters. Journal of Clinical Medicine, 2021, 10, 1094.	2.4	9
64	Changes in Technique and Indications for Keratoplasty in Poland, 1989 to 2014: An Analysis of Corneal Transplantations Performed at Saint Barbara Hospital, Trauma Center, Sosnowiec, Poland. Transplantation Proceedings, 2016, 48, 1818-1823.	0.6	8
65	Photodynamic therapy in VEGF inhibition non-respondersâ€"Pharmacogenetic study in age-related macular degeneration assessed with swept-source optical coherence tomography. Photodiagnosis and Photodynamic Therapy, 2016, 13, 108-113.	2.6	7
66	Comparison of the selected parameters of the anterior segment of the eye between femtosecond laser-assisted cataract surgery, microincision cataract surgery, and conventional phacoemulsification. Medicine (United States), 2019, 98, e18340.	1.0	7
67	Assessment of Vascular Changes in Patients after Pars Plana Vitrectomy Surgery Due to Macula-Off Rhegmatogenous Retinal Detachment. Journal of Clinical Medicine, 2021, 10, 5054.	2.4	7
68	Genotype-phenotype correlation of TGFBI corneal dystrophies in Polish patients. Molecular Vision, 2011, 17, 2333-42.	1.1	7
69	Application of autologous cultivated corneal epithelium for corneal limbal stem cell insufficiency-short-term results. Klinika Oczna, 2011, 113, 346-51.	0.0	7
70	New insight into the shortening of the collagen fibril D-period in human cornea. Journal of Biomolecular Structure and Dynamics, 2017, 35, 551-563.	3.5	6
71	Trends in optical coherence tomography angiography use in university clinic and private practice setting between 2014-2018. Expert Review of Medical Devices, 2020, 17, 1109-1113.	2.8	6
72	Assessment of Scleral and Conjunctival Thickness of the Eye after Ultrasound Ciliary Plasty. Journal of Ophthalmology, 2020, 2020, 1-10.	1.3	6

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73	Silicone-Modified Chitosan Membranes for Corneal Epithelium Tissue Engineering. Journal of Biomaterials and Tissue Engineering, 2018, 8, 374-383.	0.1	6
74	Corneal Epithelial Scaffolds Based on Chitosan Membranes Containing Collagen and Keratin. International Journal of Polymeric Materials and Polymeric Biomaterials, 2015, 64, 140-148.	3.4	5
75	Comparison of the Techniques of Secondary Intraocular Lens Implantation after Penetrating Keratoplasty. Journal of Ophthalmology, 2018, 2018, 1-8.	1.3	5
76	Repeatability, reproducibility, and comparison of ocular biometry using a new optical coherence tomography-based system and another device. Scientific Reports, 2020, 10, 14440.	3.3	5
77	Acute macular edema and serous detachment on the first day after phacoemulsification surgery: A case report. American Journal of Ophthalmology Case Reports, 2020, 20, 100905.	0.7	5
78	Alteration of Blinking and Sex Differences During Physical Exercise Affect Tear Osmolarity. Journal of Human Kinetics, 2019, 67, 143-151.	1.5	5
79	Raman Spectroscopic Study of Amyloid Deposits in Gelatinous Drop-like Corneal Dystrophy. Journal of Clinical Medicine, 2022, 11, 1403.	2.4	5
80	1-Year Fixed-Regimen Bevacizumab Treatment in DME-Vascular Network Image Analysis in Optical Coherence Tomography Angiography Study. Journal of Clinical Medicine, 2022, 11, 2125.	2.4	5
81	Monitoring of Photodynamic Therapy Results in Age-Related Macular Degeneration by Means of Preferential Hyperacuity Perimeter. European Journal of Ophthalmology, 2007, 17, 768-775.	1.3	4
82	Assessment of visual evoked potentials in patients eligible for penetrating keratoplasty. Medicine (United States), 2018, 97, e9861.	1.0	4
83	The CLASS Surgical Site Characteristics in a Clinical Grading Scale and Anterior Segment Optical Coherence Tomography: A One-Year Follow-Up. Journal of Healthcare Engineering, 2018, 2018, 1-13.	1.9	4
84	In Vivo Confocal Microscopy and Anterior Segment Optical Coherence Tomography Analysis of the Microcystic Keratitis. Journal of Ophthalmology, 2020, 2020, 1-6.	1.3	4
85	Corneal complication after femtosecond laser-assisted cataract surgery. Medicine (United States), 2021, 100, e24013.	1.0	4
86	Impact of ultrasound and optical biometry on refractive outcomes of cataract surgery after penetrating keratoplasty in keratoconus. International Journal of Ophthalmology, 2019, 12, 949-953.	1.1	4
87	A novel proteotoxic stress associated mechanism for macular corneal dystrophy. Histology and Histopathology, 2015, 30, 921-30.	0.7	4
88	A new algorithm and problems in automatic anterior eye chamber volume determining. Computers in Biology and Medicine, 2014, 52, 144-152.	7.0	3
89	Traumatic cataract in patient with anterior megalophthalmos. Medicine (United States), 2017, 96, e7160.	1.0	3
90	The Influence of Ultrasound Ciliary Plasty on Corneal Parameters. Journal of Glaucoma, 2020, 29, 899-904.	1.6	3

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91	Seven-Year Analysis of Microbial Keratitis Tendency at an Ophthalmology Department in Poland: A Single-Center Study. Journal of Ophthalmology, 2020, 2020, 1-10.	1.3	3
92	Corneal Analysis with Swept Source Optical Coherence Tomography in Patients with Coexisting Cataract and Fuchs Endothelial Corneal Dystrophy. Diagnostics, 2021, 11, 223.	2.6	3
93	Iris-Claw Intraocular Lens Implantation in Various Clinical Indications: A 4-Year Study. Journal of Clinical Medicine, 2021, 10, 1199.	2.4	3
94	A Retrospective Study of Herpetic Keratitis in Patients with Keratoconus after Crosslinking Surgery. Journal of Clinical Medicine, 2021, 10, 2684.	2.4	3
95	Cultivated oral mucosa epithelium transplantation (COMET) in bilateral limbal stem cell deficiency. Acta Ophthalmologica, 2011, 89, 0-0.	1.1	3
96	A single-centre retrospective observational study of fungal keratitis in Poland with a review of findings in Europe. Annals of Agricultural and Environmental Medicine, 2020, 27, 343-347.	1.0	3
97	Longitudinal observation of the retinal nerve fibre layer in glaucoma patients treated with brimonidine combined with timolol or timolol alone. Ophthalmology Journal, 2017, 2, 13-16.	0.1	3
98	Response to 1-Year Fixed-Regimen Bevacizumab Therapy in Treatment-Na \tilde{A} -ve DME Patients: Assessment by OCT Angiography. Journal of Diabetes Research, 2022, 2022, 1-12.	2.3	3
99	The Role of Hi-Tech Devices in Assessment of Corneal Healing in Patients with Neurotrophic Keratopathy. Journal of Clinical Medicine, 2022, 11, 1602.	2.4	3
100	Quantitative measurement of pseudoexfoliation in the anterior segment of the eye performed in visible light. BioMedical Engineering OnLine, 2013, 12, 74.	2.7	2
101	Evaluation of EX-PRESS glaucoma implant in elderly diabetic patients after 23G vitrectomy. Clinical Interventions in Aging, 2017, Volume 12, 653-658.	2.9	2
102	Intraoperative OCT microscopy in 3D. Expert Review of Medical Devices, 2021, 18, 221-224.	2.8	2
103	Pars Plana Vitrectomy Foreign Body Extraction Assisted With a 24-Gauge Needle Tunnel. Ophthalmic Surgery Lasers and Imaging Retina, 2004, 35, 70-73.	0.7	2
104	Comment on: Optical Coherence Tomography Angiography Features in Post-COVID-19 Pneumonia Patients: A Pilot Study. American Journal of Ophthalmology, 2022, 234, 332.	3.3	2
105	Comparative analysis of measurements of the anterior segment and the axial length parameters of the eyeball obtained with optical and ultrasound technique. Expert Review of Medical Devices, 2021, 18, 1245-1253.	2.8	2
106	Swept Source Optical Coherence Tomography Analysis of a Selected Eye's Anterior Segment Parameters in Patients with Pseudoexfoliation Syndrome. Journal of Clinical Medicine, 2022, 11, 268.	2.4	2
107	Retrospective Analysis of Sterile Corneal Infiltrates in Patients with Keratoconus after Cross-Linking Procedure. Journal of Clinical Medicine, 2022, 11, 585.	2.4	2
108	Culture morphology of the autologous cultivated corneal epithelium. Klinika Oczna, 2011, 113, 249-53.	0.0	2

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109	Anti-vascular endothelial growth factor and macular atrophy: an unanswered question. Annals of Eye Science, 0, 3, 61-61.	2.1	1
110	Disseminated Intravascular Coagulation after Liposuction. Ophthalmology, 2019, 126, 1287.	5.2	1
111	How to Achieve Near-Normal Visual Acuity with Bevacizumab in Diabetic Macular Edema Patients. Journal of Clinical Medicine, 2021, 10, 3572.	2.4	1
112	Does Oxygen Uptake Before Physical Exercise Affect Tear Osmolarity?. Journal of Human Kinetics, 2020, 73, 297-304.	1.5	1
113	An Analysis of the Progression of Conjunctivalisation after Transplantation of Cultivated Corneal Epithelium. Journal of Ophthalmology, 2021, 2021, 1-11.	1.3	1
114	Long-term results of Boston keratoprosthesis surgery in Polish patients. Postepy Higieny I Medycyny Doswiadczalnej, 2022, 76, 1-10.	0.1	1
115	Assessment of the Retinal Vessels in Keratoconus: An OCT Angiography Study. Journal of Clinical Medicine, 2022, 11, 2960.	2.4	1
116	Atypical Regressive Corneal Endothelial Cysts in Long-Term Confocal Follow-Up. Medicine (United) Tj ETQq0 0 0 rg	ςΒΤ/Overlo	ogk 10 Tf 50
117	Postnatal evolution of the ciliary processes in the gerbil (Meriones unguiculatus): a structural, ultrastructural and morphometric study. Zoomorphology, 2018, 137, 201-211.	0.8	O
118	Detailed corneal and genetic characteristics of a pediatric patient with macular corneal dystrophy case report. BMC Ophthalmology, 2021, 21, 285.	1.4	0
119	Experimental glaucoma model in two lines of rats using polystyren microspheres (Bead Model). Acta Ophthalmologica, 2012, 90, 0-0.	1.1	0
120	Evolution or revolution in therapy of acquired corneal limbal stem insufficiency: Holoclar® – a new medicine containing corneal epithelium stem cells. OphthaTherapy Therapies in Ophthalmology, 2018, 5, 137-141.	0.1	0
121	Rola doszklistkowych steroidów we wspóÅ,czesnym leczeniu cukrzycowego obrzÄ™ku plamki. Ophthalmology Journal, 2018, 3, 37-46.	0.1	O
122	UltradźwiÄ™kowa plastyka ciaÅ,a rzÄ™skowego w terapii jaskry opornej – obserwacje Å›rednioterminowe. OphthaTherapy Therapies in Ophthalmology, 2020, 7, 246-254.	0.1	0
123	Dystrofia ÅródbÅ,onkowa Fuchsa – aktualne poglÄ…dy na patofizjologiÄ™ i leczenie choroby. OphthaTherapy Therapies in Ophthalmology, 2020, 7, 213-224.	0.1	O
124	Dry eye syndrome triggered by wearing hard contact lens in keratoconus – case report. OphthaTherapy Therapies in Ophthalmology, 0, , .	0.1	0
125	Title is missing!. , 2020, 15, e0230589.		O
126	Title is missing!. , 2020, 15, e0230589.		0

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127	Title is missing!. , 2020, 15, e0230589.		O
128	Title is missing!. , 2020, 15, e0230589.		0