

# Edward WylÄgaÅ,a

## List of Publications by Year in descending order

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128  
papers

2,077  
citations

279798

23  
h-index

302126

39  
g-index

135  
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135  
docs citations

135  
times ranked

2646  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comment on: Optical Coherence Tomography Angiography Features in Post-COVID-19 Pneumonia Patients: A Pilot Study. <i>American Journal of Ophthalmology</i> , 2022, 234, 332.	3.3	2
2	Swept Source Optical Coherence Tomography Analysis of a Selected Eye's Anterior Segment Parameters in Patients with Pseudoexfoliation Syndrome. <i>Journal of Clinical Medicine</i> , 2022, 11, 268.	2.4	2
3	Retrospective Analysis of Sterile Corneal Infiltrates in Patients with Keratoconus after Cross-Linking Procedure. <i>Journal of Clinical Medicine</i> , 2022, 11, 585.	2.4	2
4	Long-term results of Boston keratoprosthesis surgery in Polish patients. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2022, 76, 1-10.	0.1	1
5	The Effectiveness of Brolicizumab and Aflibercept in Patients with Neovascular Age-Related Macular Degeneration. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2303.	2.6	10
6	Response to 1-Year Fixed-Regimen Bevacizumab Therapy in Treatment-Naïve DME Patients: Assessment by OCT Angiography. <i>Journal of Diabetes Research</i> , 2022, 2022, 1-12.	2.3	3
7	The Role of Hi-Tech Devices in Assessment of Corneal Healing in Patients with Neurotrophic Keratopathy. <i>Journal of Clinical Medicine</i> , 2022, 11, 1602.	2.4	3
8	Raman Spectroscopic Study of Amyloid Deposits in Gelatinous Drop-like Corneal Dystrophy. <i>Journal of Clinical Medicine</i> , 2022, 11, 1403.	2.4	5
9	1-Year Fixed-Regimen Bevacizumab Treatment in DME-Vascular Network Image Analysis in Optical Coherence Tomography Angiography Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2125.	2.4	5
10	Assessment of the Retinal Vessels in Keratoconus: An OCT Angiography Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2960.	2.4	1
11	Corneal complication after femtosecond laser-assisted cataract surgery. <i>Medicine (United States)</i> , 2021, 100, e24013.	1.0	4
12	Diabetic Macular Edema Treatment with Bevacizumab Does Not Depend on the Retinal Nonperfusion Presence. <i>Journal of Diabetes Research</i> , 2021, 2021, 1-15.	2.3	9
13	Corneal Analysis with Swept Source Optical Coherence Tomography in Patients with Coexisting Cataract and Fuchs Endothelial Corneal Dystrophy. <i>Diagnostics</i> , 2021, 11, 223.	2.6	3
14	The Influence of Work Environment Factors on the Ocular Surface in a One-Year Follow-Up Prospective Clinical Study. <i>Diagnostics</i> , 2021, 11, 392.	2.6	14
15	Intraoperative OCT microscopy in 3D. <i>Expert Review of Medical Devices</i> , 2021, 18, 221-224.	2.8	2
16	Swept Source Optical Coherence Tomography Analysis of the Selected Eye's Anterior Segment Parameters. <i>Journal of Clinical Medicine</i> , 2021, 10, 1094.	2.4	9
17	Iris-Claw Intraocular Lens Implantation in Various Clinical Indications: A 4-Year Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 1199.	2.4	3
18	Comparison of Long-Term Outcomes of the Lamellar and Penetrating Keratoplasty Approaches in Patients with Keratoconus. <i>Journal of Clinical Medicine</i> , 2021, 10, 2421.	2.4	10

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19	A Retrospective Study of Herpetic Keratitis in Patients with Keratoconus after Crosslinking Surgery. <i>Journal of Clinical Medicine</i> , 2021, 10, 2684.	2.4	3
20	Retinal OCT Findings in Patients after COVID Infection. <i>Journal of Clinical Medicine</i> , 2021, 10, 3233.	2.4	22
21	Detailed corneal and genetic characteristics of a pediatric patient with macular corneal dystrophy - case report. <i>BMC Ophthalmology</i> , 2021, 21, 285.	1.4	0
22	How to Achieve Near-Normal Visual Acuity with Bevacizumab in Diabetic Macular Edema Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 3572.	2.4	1
23	Assessment of Vascular Changes in Patients after Pars Plana Vitrectomy Surgery Due to Macula-Off Rhegmatogenous Retinal Detachment. <i>Journal of Clinical Medicine</i> , 2021, 10, 5054.	2.4	7
24	Knowledge and Attitudes toward Cornea Donation among Different Social Groups in Poland. <i>Journal of Clinical Medicine</i> , 2021, 10, 5031.	2.4	10
25	An Analysis of the Progression of Conjunctivalisation after Transplantation of Cultivated Corneal Epithelium. <i>Journal of Ophthalmology</i> , 2021, 2021, 1-11.	1.3	1
26	Comparative analysis of measurements of the anterior segment and the axial length parameters of the eyeball obtained with optical and ultrasound technique. <i>Expert Review of Medical Devices</i> , 2021, 18, 1245-1253.	2.8	2
27	PAX6 Mutational Status Determines Aniridia-Associated Keratopathy Phenotype. <i>Ophthalmology</i> , 2020, 127, 273-275.	5.2	32
28	Disease aetiology-based design of multifunctional microemulsion eye drops for moderate or severe dry eye: a randomized, quadruple-masked and active-controlled clinical trial. <i>Acta Ophthalmologica</i> , 2020, 98, 244-254.	1.1	12
29	Early phenotypic features of aniridia-associated keratopathy and association with PAX6 coding mutations. <i>Ocular Surface</i> , 2020, 18, 130-140.	4.4	32
30	Comparison of foveal avascular zone and retinal vascular density in healthy Chinese and Caucasian adults. <i>Acta Ophthalmologica</i> , 2020, 98, e464-e469.	1.1	15
31	The Influence of Ultrasound Ciliary Plasty on Corneal Parameters. <i>Journal of Glaucoma</i> , 2020, 29, 899-904.	1.6	3
32	Trends in optical coherence tomography angiography use in university clinic and private practice setting between 2014-2018. <i>Expert Review of Medical Devices</i> , 2020, 17, 1109-1113.	2.8	6
33	Seven-Year Analysis of Microbial Keratitis Tendency at an Ophthalmology Department in Poland: A Single-Center Study. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-10.	1.3	3
34	Assessment of Scleral and Conjunctival Thickness of the Eye after Ultrasound Ciliary Plasty. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-10.	1.3	6
35	Repeatability, reproducibility, and comparison of ocular biometry using a new optical coherence tomography-based system and another device. <i>Scientific Reports</i> , 2020, 10, 14440.	3.3	5
36	In Vivo Confocal Microscopy and Anterior Segment Optical Coherence Tomography Analysis of the Microcystic Keratitis. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-6.	1.3	4

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37	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
38	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
39	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
40	Metabolomic Signature Discriminates Normal Human Cornea from Keratoconusâ€”A Pilot GC/MS Study. Molecules, 2020, 25, 2933.	3.8	14
41	Treatment of conjunctival papilloma with topical interferon alpha-2b - case report. Medicine (United Tj ETQq1 1 0.784314 rgBT /Overbor	1.0	10
42	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
43	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
44	UltradÅ™wiÄ™kowa plastyka ciaÄ™a rzÄ™skowego w terapii jaskry odpornej â€œ obserwacje Å›rednioterminowe. OphthaTherapy Therapies in Ophthalmology, 2020, 7, 246-254.	0.1	0
45	Does Oxygen Uptake Before Physical Exercise Affect Tear Osmolarity?. Journal of Human Kinetics, 2020, 73, 297-304.	1.5	1
46	Dystrofia Å›rÅ™dbÅ™onkowa Fuchsa â€œ aktualne poglÄ™dy na patofizjologiÄ™ i leczenie choroby. OphthaTherapy Therapies in Ophthalmology, 2020, 7, 213-224.	0.1	0
47	Title is missing!. , 2020, 15, e0230589.		0
48	Title is missing!. , 2020, 15, e0230589.		0
49	Title is missing!. , 2020, 15, e0230589.		0
50	Title is missing!. , 2020, 15, e0230589.		0
51	Disseminated Intravascular Coagulation after Liposuction. Ophthalmology, 2019, 126, 1287.	5.2	1
52	Scheimpflug Camera and Swept-Source Optical Coherence Tomography in Pachymetry Evaluation of Diabetic Patients. Journal of Ophthalmology, 2019, 2019, 1-6.	1.3	10
53	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
54	2019 Guidelines on the management of diabetic patients. A position of Diabetes Poland. Clinical Diabetology, 2019, 8, 1-95.	0.6	34

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55	Alteration of Blinking and Sex Differences During Physical Exercise Affect Tear Osmolarity. <i>Journal of Human Kinetics</i> , 2019, 67, 143-151.	1.5	5
56	Impact of ultrasound and optical biometry on refractive outcomes of cataract surgery after penetrating keratoplasty in keratoconus. <i>International Journal of Ophthalmology</i> , 2019, 12, 949-953.	1.1	4
57	Assessment of visual evoked potentials in patients eligible for penetrating keratoplasty. <i>Medicine (United States)</i> , 2018, 97, e9861.	1.0	4
58	Phase II Randomized, Double-Masked, Vehicle-Controlled Trial of Recombinant Human Nerve Growth Factor for Neurotrophic Keratitis. <i>Ophthalmology</i> , 2018, 125, 1332-1343.	5.2	188
59	CO <sub>2</sub> laser-assisted sclerectomy surgery compared with trabeculectomy in primary open-angle glaucoma and exfoliative glaucoma. A 1-year follow-up. <i>Acta Ophthalmologica</i> , 2018, 96, e582-e591.	1.1	26
60	Phase I Trial of Recombinant Human Nerve Growth Factor for Neurotrophic Keratitis. <i>Ophthalmology</i> , 2018, 125, 1468-1471.	5.2	56
61	Corneal confocal sub-basal nerve plexus evaluation: a review. <i>Acta Ophthalmologica</i> , 2018, 96, 232-242.	1.1	20
62	Stage-related central corneal epithelial transformation in congenital aniridia-associated keratopathy. <i>Ocular Surface</i> , 2018, 16, 163-172.	4.4	20
63	Structural, ultrastructural, and morphometric study of the zebrafish ocular surface: a model for human corneal diseases?. <i>Current Eye Research</i> , 2018, 43, 175-185.	1.5	11
64	Postnatal evolution of the ciliary processes in the gerbil ( <i>Meriones unguiculatus</i> ): a structural, ultrastructural and morphometric study. <i>Zoomorphology</i> , 2018, 137, 201-211.	0.8	0
65	Comparison of the Techniques of Secondary Intraocular Lens Implantation after Penetrating Keratoplasty. <i>Journal of Ophthalmology</i> , 2018, 2018, 1-8.	1.3	5
66	The CLASS Surgical Site Characteristics in a Clinical Grading Scale and Anterior Segment Optical Coherence Tomography: A One-Year Follow-Up. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-13.	1.9	4
67	Aflibercept Treatment Leads to Vascular Abnormalization of the Choroidal Neovascularization. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-5.	1.9	14
68	Total Penetrating Keratoplasty: Indications, Therapeutic Approach, and Long-Term Follow-Up. <i>Journal of Ophthalmology</i> , 2018, 2018, 1-6.	1.3	16
69	Silicone-Modified Chitosan Membranes for Corneal Epithelium Tissue Engineering. <i>Journal of Biomaterials and Tissue Engineering</i> , 2018, 8, 374-383.	0.1	6
70	2018 Guidelines on the management of diabetic patients. A position of Diabetes Poland. <i>Clinical Diabetology</i> , 2018, 7, 1-90.	0.6	31
71	Evolution or revolution in therapy of acquired corneal limbal stem insufficiency: Holoclar <sup>®</sup> – a new medicine containing corneal epithelium stem cells. <i>Ophthalmology Therapies in Ophthalmology</i> , 2018, 5, 137-141.	0.1	0
72	Rola doszklistkowych steroidów w wspólnym, nowoczesnym leczeniu cukrzycowego obrzęku płamki. <i>Ophthalmology Journal</i> , 2018, 3, 37-46.	0.1	0

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73	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
74	Cytoarchitecture of epithelial inflammatory infiltration indicates the aetiology of infectious keratitis. Acta Ophthalmologica, 2017, 95, 405-413.	1.1	15
75	Traumatic cataract in patient with anterior megalophthalmos. Medicine (United States), 2017, 96, e7160.	1.0	3
76	Comparative Confocal and Histopathological Study of Corneal Changes in Multiple Myeloma. Cornea, 2017, 36, 123-126.	1.7	9
77	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
78	Differences in Surgical Management of Corneal Perforations, Measured over Six Years. Journal of Ophthalmology, 2017, 2017, 1-6.	1.3	22
79	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
80	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
81	Corneal Structural Changes in Nonneoplastic and Neoplastic Monoclonal Gammopathies. , 2016, 57, 2657.		18
82	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
83	Optical coherence angiography. Medicine (United States), 2016, 95, e4907.	1.0	72
84	A quantitative method for assessing the quality of meibomian glands. Computers in Biology and Medicine, 2016, 75, 130-138.	7.0	30
85	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
86	Cultivated Oral Mucosa Epithelium in Ocular Surface Reconstruction in Aniridia Patients. BioMed Research International, 2015, 2015, 1-7.	1.9	38
87	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
88	Atypical Regressive Corneal Endothelial Cysts in Long-Term Confocal Follow-Up. Medicine (United States), 2015, 94, e7160.	1.0	10
89	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
90	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

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91	A novel proteotoxic stress associated mechanism for macular corneal dystrophy. <i>Histology and Histopathology</i> , 2015, 30, 921-30.	0.7	4
92	NMR Spectroscopy of Human Eye Tissues: A New Insight into Ocular Biochemistry. <i>Scientific World Journal, The</i> , 2014, 2014, 1-9.	2.1	9
93	Evaluation of the efficacy, safety, and acceptability of an eyelid warming device for the treatment of meibomian gland dysfunction. <i>Clinical Ophthalmology</i> , 2014, 8, 2019.	1.8	24
94	Comparison of Three Intraocular Pressure Measurement Methods Including Biomechanical Properties of the Cornea. , 2014, 55, 666.		68
95	Phenotype and genotype analysis in patients with macular corneal dystrophy. <i>British Journal of Ophthalmology</i> , 2014, 98, 1514-1521.	3.9	22
96	Clinical, Confocal, and Morphological Investigations on the Cornea in Human Mucopolysaccharidosis IH-S. <i>Cornea</i> , 2014, 33, 35-42.	1.7	18
97	A new algorithm and problems in automatic anterior eye chamber volume determining. <i>Computers in Biology and Medicine</i> , 2014, 52, 144-152.	7.0	3
98	Phenotypeâ€“Genotype Correlation in Patients With Schnyder Corneal Dystrophy. <i>Cornea</i> , 2014, 33, 497-503.	1.7	27
99	Selected parameters of the corneal deformation in the Corvis tonometer. <i>BioMedical Engineering OnLine</i> , 2014, 13, 55.	2.7	30
100	Macular Corneal Dystrophy. <i>Ophthalmology</i> , 2014, 121, 1164-1173.	5.2	17
101	Quantitative measurement of pseudoexfoliation in the anterior segment of the eye performed in visible light. <i>BioMedical Engineering OnLine</i> , 2013, 12, 74.	2.7	2
102	Methods of measuring the iridocorneal angle in tomographic images of the anterior segment of the eye. <i>BioMedical Engineering OnLine</i> , 2013, 12, 40.	2.7	12
103	Metabolic Profile of Keratoconic Cornea. <i>Current Eye Research</i> , 2013, 38, 305-309.	1.5	10
104	Automatic analysis of selected choroidal diseases in OCT images of the eye fundus. <i>BioMedical Engineering OnLine</i> , 2013, 12, 117.	2.7	26
105	Donor disc attachment assessment with intraoperative spectral optical coherence tomography during descemet stripping automated endothelial keratoplasty. <i>Indian Journal of Ophthalmology</i> , 2013, 61, 511.	1.1	12
106	Long-term results of excimer laser procedure to correct astigmatic refractive errors. <i>Medical Science Monitor</i> , 2013, 19, 927-933.	1.1	12
107	Fully automatic algorithm for the analysis of vessels in the angiographic image of the eye fundus. <i>BioMedical Engineering OnLine</i> , 2012, 11, 35.	2.7	26
108	Hydrogel membranes based on genipin-cross-linked chitosan blends for corneal epithelium tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1991-2000.	3.6	66

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109	A69S and R38X ARMS2 and Y402H CFH gene polymorphisms as risk factors for neovascular age-related macular degeneration in Poland – a brief report. <i>Medical Science Monitor</i> , 2012, 18, PR1-PR3.	1.1	15
110	Experimental glaucoma model in two lines of rats using polystyren microspheres (Bead Model). <i>Acta Ophthalmologica</i> , 2012, 90, 0-0.	1.1	0
111	Cultivated oral mucosa epithelium transplantaion (COMET) in bilateral limbal stem cell deficiency. <i>Acta Ophthalmologica</i> , 2011, 89, 0-0.	1.1	3
112	Genotype-phenotype correlation of TGFBI corneal dystrophies in Polish patients. <i>Molecular Vision</i> , 2011, 17, 2333-42.	1.1	7
113	Culture morphology of the autologous cultivated corneal epithelium. <i>Klinika Oczna</i> , 2011, 113, 249-53.	0.0	2
114	Application of autologous cultivated corneal epithelium for corneal limbal stem cell insufficiency–short-term results. <i>Klinika Oczna</i> , 2011, 113, 346-51.	0.0	7
115	Monitoring Cornea and Graft Morphometric Dynamics After Descemet Stripping and Endothelial Keratoplasty With Anterior Segment Optical Coherence Tomography. <i>Cornea</i> , 2010, 29, 272-277.	1.7	27
116	Involvement of genetic factors in the response to a variable-dosing ranibizumab treatment regimen for age-related macular degeneration. <i>Molecular Vision</i> , 2010, 16, 2598-604.	1.1	55
117	Anterior segment imaging: Fourier-domain optical coherence tomography versus time-domain optical coherence tomography. <i>Journal of Cataract and Refractive Surgery</i> , 2009, 35, 1410-1414.	1.5	84
118	Usefulness of anterior segment optical coherence tomography in Descemet membrane detachment. <i>European Journal of Ophthalmology</i> , 2009, 19, 723-8.	1.3	10
119	Management of pseudophakic bullous keratopathy by combined Descemet-stripping endothelial keratoplasty and intraocular lens exchange. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 1708-1714.	1.5	52
120	Limbal Stem Cells Transplantation in the Reconstruction of the Ocular Surface: 6 Years Experience. <i>European Journal of Ophthalmology</i> , 2008, 18, 886-890.	1.3	34
121	Effectiveness of the soft-shell technique in patients with Fuchs' endothelial dystrophy. <i>Journal of Cataract and Refractive Surgery</i> , 2007, 33, 1907-1912.	1.5	25
122	Monitoring of Photodynamic Therapy Results in Age-Related Macular Degeneration by Means of Preferential Hyperacuity Perimeter. <i>European Journal of Ophthalmology</i> , 2007, 17, 768-775.	1.3	4
123	ERK 1/2 signaling pathway is involved in nicotine–mediated neuroprotection in spinal cord neurons. <i>Journal of Cellular Biochemistry</i> , 2007, 100, 279-292.	2.6	55
124	Mechanisms of the Blood–Brain Barrier Disruption in HIV-1 Infection. <i>Cellular and Molecular Neurobiology</i> , 2005, 25, 181-199.	3.3	203
125	Arachidonic acid increases choline acetyltransferase activity in spinal cord neurons through a protein kinase C-mediated mechanism. <i>Journal of Neurochemistry</i> , 2004, 90, 629-636.	3.9	19
126	Pars Plana Vitrectomy Foreign Body Extraction Assisted With a 24-Gauge Needle Tunnel. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2004, 35, 70-73.	0.7	2



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127	Anti-vascular endothelial growth factor and macular atrophy: an unanswered question. Annals of Eye Science, 0, 3, 61-61.	2.1	1
128	Dry eye syndrome triggered by wearing hard contact lens in keratoconus â€“ case report. OphthaTherapy Therapies in Ophthalmology, 0, , .	0.1	0