

List of Publications by Year in descending order

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133
papers

3,398
citations

185998

28
h-index

189595

50
g-index

148
all docs

148
docs citations

148
times ranked

3919
citing authors

#	ARTICLE	IF	CITATIONS
1	Subretinal Visual Implant Alpha IMS â€“ Clinical trial interim report. <i>Vision Research</i> , 2015, 111, 149-160.	0.7	324
2	Phase II Randomized, Double-Masked, Vehicle-Controlled Trial of Recombinant Human Nerve Growth Factor for Neurotrophic Keratitis. <i>Ophthalmology</i> , 2018, 125, 1332-1343.	2.5	188
3	Optical and ultrasound measurement of axial length and anterior chamber depth for intraocular lens power calculation. <i>Journal of Cataract and Refractive Surgery</i> , 2003, 29, 85-88.	0.7	152
4	Targeting neuronal and glial cell types with synthetic promoter AAVs in mice, non-human primates and humans. <i>Nature Neuroscience</i> , 2019, 22, 1345-1356.	7.1	144
5	Congenital Nystagmus Gene FRMD7 Is Necessary for Establishing a Neuronal Circuit Asymmetry for Direction Selectivity. <i>Neuron</i> , 2016, 89, 177-193.	3.8	117
6	In vivo confocal laser scanning microscopy of the cornea in dry eye. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2006, 245, 39-44.	1.0	100
7	A Comparison of Macular Structure Imaged by Optical Coherence Tomography in Preterm and Full-Term Children. , 2007, 48, 5207.		87
8	Update and guidance on management of myopia. European Society of Ophthalmology in cooperation with International Myopia Institute. <i>European Journal of Ophthalmology</i> , 2021, 31, 853-883.	0.7	76
9	<i>In vivo</i> confocal microscopic evaluation of corneal Langerhans cell density, and distribution and evaluation of dry eye in rheumatoid arthritis. <i>Innate Immunity</i> , 2013, 19, 348-354.	1.1	69
10	High-speed videotopographic measurement of tear film build-up time. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 1783-90.	3.3	69
11	Intraocular lens exchange in patients with negative dysphotopsia symptoms. <i>Journal of Cataract and Refractive Surgery</i> , 2010, 36, 418-424.	0.7	64
12	Pathologic Alterations of the Outer Retina in Streptozotocin-Induced Diabetes. , 2014, 55, 3686.		62
13	A Randomized, Controlled Trial of Cyclosporine A Cationic Emulsion in Pediatric Vernal Keratoconjunctivitis. <i>Ophthalmology</i> , 2019, 126, 671-681.	2.5	60
14	Phase I Trial of Recombinant Human Nerve Growth Factor for Neurotrophic Keratitis. <i>Ophthalmology</i> , 2018, 125, 1468-1471.	2.5	56
15	Central retinal vessel trunk exit and location of glaucomatous parapapillary atrophy in glaucoma11The authors have no propriety interests in the products or devices mentioned herein.. <i>Ophthalmology</i> , 2001, 108, 1059-1064.	2.5	55
16	The Role of Health Anxiety and Depressive Symptoms in Dry Eye Disease. <i>Current Eye Research</i> , 2016, 41, 1044-1049.	0.7	52
17	Anterior chamber characteristics of keratoconus assessed by rotating Scheimpflug imaging. <i>Journal of Cataract and Refractive Surgery</i> , 2010, 36, 1101-1106.	0.7	51
18	Lid-parallel conjunctival folds (LIPCOF) and dry eye: a multicentre study. <i>British Journal of Ophthalmology</i> , 2012, 96, 1380-1385.	2.1	51

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19	Dry Eye and Corneal Langerhans Cells in Systemic Lupus Erythematosus. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-8.	0.6	49
20	Corneal topography changes after a 15 second pause in blinking. <i>Journal of Cataract and Refractive Surgery</i> , 2001, 27, 589-592.	0.7	48
21	In Vivo Evaluation of Retinal Neurodegeneration in Patients with Multiple Sclerosis. <i>PLoS ONE</i> , 2012, 7, e30922.	1.1	48
22	The Structure and Function of the Macula in Patients with Advanced Retinitis Pigmentosa. , 2011, 52, 8425.		46
23	Corneal Langerhans cell and dry eye examinations in ankylosing spondylitis. <i>Innate Immunity</i> , 2014, 20, 471-477.	1.1	46
24	Beta-glucogallin reduces the expression of lipopolysaccharide-induced inflammatory markers by inhibition of aldose reductase in murine macrophages and ocular tissues. <i>Chemico-Biological Interactions</i> , 2013, 202, 283-287.	1.7	43
25	Changes in the ocular dimensions after trabeculectomy. <i>International Ophthalmology</i> , 1992, 16, 355-357.	0.6	38
26	Recently updated global diabetic retinopathy screening guidelines: commonalities, differences, and future possibilities. <i>Eye</i> , 2021, 35, 2685-2698.	1.1	35
27	Retinal and choroidal thickness measurements using spectral domain optical coherence tomography in anterior and intermediate uveitis. <i>BMC Ophthalmology</i> , 2014, 14, 103.	0.6	34
28	Observer experience improves reproducibility of color doppler sonography of orbital blood vessels. <i>Journal of Clinical Ultrasound</i> , 2002, 30, 332-335.	0.4	33
29	Imaging Lid-Parallel Conjunctival Folds with OCT and Comparing Its Grading with the Slit Lamp Classification in Dry Eye Patients and Normal Subjects. , 2011, 52, 2945.		33
30	The role of reference body selection in calculating posterior corneal elevation and prediction of keratoconus using rotating Scheimpflug camera. <i>Acta Ophthalmologica</i> , 2011, 89, e251-6.	0.6	32
31	Mechanism of aberration balance and the effect on retinal image quality in keratoconus: Optical and visual characteristics of keratoconus. <i>Journal of Cataract and Refractive Surgery</i> , 2011, 37, 914-922.	0.7	31
32	A Morphological Study of Retinal Changes in Unilateral Amblyopia Using Optical Coherence Tomography Image Segmentation. <i>PLoS ONE</i> , 2014, 9, e88363.	1.1	31
33	Bipolar cell gap junctions serve major signaling pathways in the human retina. <i>Brain Structure and Function</i> , 2017, 222, 2603-2624.	1.2	30
34	Twelve-Month Results of Cyclosporine A Cationic Emulsion in a Randomized Study in Patients With Pediatric Vernal Keratoconjunctivitis. <i>American Journal of Ophthalmology</i> , 2020, 212, 116-126.	1.7	30
35	Different autoregulation response to dynamic exercise in ophthalmic and central retinal arteries: a color Doppler study in healthy subjects. , 2002, 240, 835-840.		29
36	Characterization of connexin36 gap junctions in the human outer retina. <i>Brain Structure and Function</i> , 2016, 221, 2963-2984.	1.2	29

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37	Cataract surgery anaesthesia: is topical anaesthesia really better than retrobulbar?. Acta Ophthalmologica, 2007, 85, 309-316.	0.4	27
38	Shifting of the Line of Sight in Keratoconus Measured by a Hartmann-Shack Sensor. Ophthalmology, 2010, 117, 41-48.	2.5	27
39	Calcium buffer proteins are specific markers of human retinal neurons. Cell and Tissue Research, 2016, 365, 29-50.	1.5	26
40	Visual impairment and blindness in Hungary. Acta Ophthalmologica, 2018, 96, 168-173.	0.6	26
41	Hydroxypropyl-guar gellable lubricant eye drops for dry eye treatment. Expert Opinion on Pharmacotherapy, 2008, 9, 1431-1436.	0.9	25
42	Amblyopic deficits in the timing and strength of visual cortical responses to faces. Cortex, 2013, 49, 1013-1024.	1.1	25
43	Drug Reservoir Function of Human Amniotic Membrane. Journal of Ocular Pharmacology and Therapeutics, 2011, 27, 323-326.	0.6	24
44	Positioning of Electronic Subretinal Implants in Blind Retinitis Pigmentosa Patients Through Multimodal Assessment of Retinal Structures. , 2012, 53, 3748.		24
45	The Effect of Axial Length on the Thickness of Intraretinal Layers of the Macula. PLoS ONE, 2015, 10, e0142383.	1.1	24
46	Confocal Microscopy of Epithelial and Langerhans Cells of the Cornea in Patients Using Travoprost Drops Containing Two Different Preservatives. Pathology and Oncology Research, 2014, 20, 741-746.	0.9	23
47	Comparison of Tearscope-Plus versus Slit Lamp Measurements of Inferior Tear Meniscus Height in Normal Individuals. European Journal of Ophthalmology, 2010, 20, 819-824.	0.7	22
48	The Diameters of the Human Retinal Branch Vessels Do Not Change in Darkness. , 2003, 44, 3115.		21
49	Bilateral cystoid macular edema following docetaxel chemotherapy in a patient with retinitis pigmentosa: a case report. BMC Ophthalmology, 2015, 15, 32.	0.6	20
50	Corneal Changes in Progressive Keratoconus After Cross-linking Assessed by Scheimpflug Camera. Journal of Refractive Surgery, 2012, 28, 645-649.	1.1	20
51	The posterior coats of the eye in glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 1990, 228, 33-35.	1.0	19
52	Diabetes and diabetic retinopathy in people aged 50â€¦years and older in Hungary. British Journal of Ophthalmology, 2017, 101, 965-969.	2.1	19
53	Confocal Microscopic Evidence of Increased Langerhans Cell Activity after Corneal Metal Foreign Body Removal. European Journal of Ophthalmology, 2008, 18, 703-707.	0.7	18
54	OCT Imaging of Lid-Parallel Conjunctival Folds in Soft Contact Lens Wearers. Optometry and Vision Science, 2011, 88, 1206-1213.	0.6	18

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55	Isotonic Glycerol and Sodium Hyaluronate Containing Artificial Tear Decreases Conjunctivochalasis after One and Three Months: A Self-Controlled, Unmasked Study. <i>PLoS ONE</i> , 2015, 10, e0132656.	1.1	18
56	Retinal Microcirculation Correlates With Ocular Wall Thickness, Axial Eye Length, and Refraction in Glaucoma Patients. <i>Journal of Glaucoma</i> , 2001, 10, 390-395.	0.8	17
57	Subjective health expectations of patients with age-related macular degeneration treated with antiVEGF drugs. <i>BMC Geriatrics</i> , 2017, 17, 233.	1.1	17
58	Scheimpflug Imaging for Long-Term Evaluation of Optical Components in Hungarian Children With a History of Preterm Birth. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2014, 51, 235-241.	0.3	17
59	Permeability of Human Amniotic Membrane to Ofloxacin In Vitro. , 2010, 51, 1024.		15
60	Increased Tear Osmolarity in Patients with Severe Cases of Conjunctivochalasis. <i>Current Eye Research</i> , 2012, 37, 80-84.	0.7	15
61	Molecular hydrogen alleviates asphyxia-induced neuronal cyclooxygenase-2 expression in newborn pigs. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1273-1283.	2.8	15
62	Telemedical diabetic retinopathy screening in Hungary: a pilot programme. <i>Journal of Telemedicine and Telecare</i> , 2015, 21, 167-173.	1.4	14
63	Diabetes and blindness in people with diabetes in Hungary. <i>European Journal of Ophthalmology</i> , 2019, 29, 141-147.	0.7	14
64	Novel features of neurodegeneration in the inner retina of early diabetic rats. <i>Histology and Histopathology</i> , 2015, 30, 971-85.	0.5	14
65	Variability of Higher Order Wavefront Aberrations After Blinks. <i>Journal of Refractive Surgery</i> , 2009, 25, 59-68.	1.1	14
66	Optical Coherence Tomography Features of POEMS Syndrome and Castleman Disease-associated Papillopathy. <i>Ocular Immunology and Inflammation</i> , 2014, 22, 454-460.	1.0	13
67	Conversion Formulas between Automated-Perimetry Indexes as Measured by Two Different Types of Instrument. <i>Ophthalmologica</i> , 2001, 215, 87-90.	1.0	12
68	Dynamics of ocular surface topography in healthy subjects. <i>Ophthalmic and Physiological Optics</i> , 2006, 26, 419-425.	1.0	12
69	Both Freshly Prepared and Frozen-Stored Amniotic Membrane Cells Express the Complement Inhibitor CD59. <i>Scientific World Journal</i> , The, 2012, 2012, 1-5.	0.8	12
70	Spectral domain optical coherence tomography in patients after successful management of postoperative endophthalmitis following cataract surgery by pars plana vitrectomy. <i>BMC Ophthalmology</i> , 2014, 14, 76.	0.6	12
71	In Vivo Confocal Microscopic Imaging of the Cornea After Femtosecond and Excimer Laser-assisted Penetrating Keratoplasty. <i>Journal of Refractive Surgery</i> , 2015, 31, 620-626.	1.1	12
72	Macular Changes Correlate with the Degree of Acute Anterior Uveitis in Patients with Spondyloarthritis. <i>Ocular Immunology and Inflammation</i> , 2014, 24, 1-6.	1.0	11

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73	Preventing blindness and visual impairment in Europe: What do we have to do?. European Journal of Ophthalmology, 2019, 29, 129-132.	0.7	11
74	Role of Multifocal Electroretinography in the Diagnosis of Idiopathic Macular Hole. , 2010, 51, 1666.		10
75	Tear Film Function in Patients with Seasonal Allergic Conjunctivitis Outside the Pollen Season. International Archives of Allergy and Immunology, 2012, 157, 81-88.	0.9	10
76	Individual Test Point Fluctuations of Macular Sensitivity in Healthy Eyes and Eyes With Age-Related Macular Degeneration Measured With Microperimetry. Translational Vision Science and Technology, 2018, 7, 25.	1.1	10
77	Cone function in children with a history of preterm birth. Documenta Ophthalmologica, 2011, 122, 141-148.	1.0	9
78	Brain interstitial pH changes in the subacute phase of hypoxic-ischemic encephalopathy in newborn pigs. PLoS ONE, 2020, 15, e0233851.	1.1	9
79	Primary Sjögren's syndrome from the viewpoint of an internal physician. International Ophthalmology, 1991, 15, 401-406.	0.6	8
80	Ultrasound biomicroscopic morphometry of the anterior eye segment before and after one drop of pilocarpine. International Ophthalmology, 1997, 20, 39-42.	0.6	8
81	Spontaneous alterations of the corneal topographic pattern. Journal of Cataract and Refractive Surgery, 2005, 31, 973-978.	0.7	8
82	Diffuse type alteration of the ocular wall in different eye diseases. Acta Ophthalmologica, 1992, 70, 353-356.	0.6	8
83	Amblyopic Deficit Beyond the Fovea: Delayed and Variable Single-Trial ERP Response Latencies, but Unaltered Amplitudes. , 2014, 55, 1109.		8
84	Feasibility of the rapid assessment of avoidable blindness with diabetic retinopathy module (RAAB+DR) in industrialised countries: challenges and lessons learned in Hungary. Ophthalmic Epidemiology, 2018, 25, 273-279.	0.8	7
85	Dichoptic Spatial Contrast Sensitivity Reflects Binocular Balance in Normal and Stereoanomalous Subjects. , 2020, 61, 23.		7
86	Rapid assessment of avoidable blindness-based healthcare costs of diabetic retinopathy in Hungary and its projection for the year 2045. British Journal of Ophthalmology, 2020, 105, bjophthalmol-2020-316337.	2.1	7
87	Cataract blindness in Hungary. International Journal of Ophthalmology, 2020, 13, 438-444.	0.5	7
88	Relationship between diabetes mellitus and cataract in Hungary. International Journal of Ophthalmology, 2020, 13, 788-793.	0.5	7
89	Central Corneal Thickness Measurements with Optical Coherence Tomography and Ultrasound Pachymetry in Healthy Subjects and in Patients after Photorefractive Keratectomy. European Journal of Ophthalmology, 2009, 19, 180-187.	0.7	6
90	Preliminary Findings on the Optimization of Visual Performance in Patients with Age-Related Macular Degeneration Using Biofeedback Training. Applied Psychophysiology Biofeedback, 2019, 44, 61-70.	1.0	6

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91	Use of ultrasound diagnostics in lacrimal sac diseases. <i>International Ophthalmology</i> , 1991, 15, 397-399.	0.6	5
92	Preliminary studies of the effects of vascular adhesion protein-1 inhibitors on experimental corneal neovascularization. <i>Journal of Neural Transmission</i> , 2011, 118, 1065-1069.	1.4	5
93	Leber Congenital Amaurosis: First Genotyped Hungarian Patients and Report of 2 Novel Mutations in the <i>CRB1</i> and <i>CEP290</i> Genes. <i>European Journal of Ophthalmology</i> , 2016, 26, 78-84.	0.7	5
94	Active forms of Akt and ERK are dominant in the cerebral cortex of newborn pigs that are unaffected by asphyxia. <i>Life Sciences</i> , 2018, 192, 1-8.	2.0	5
95	Rural–urban disparities in the prevalence of diabetes and diabetic eye complications in Hungary. <i>Spektrum Der Augenheilkunde</i> , 2021, 35, 54-60.	0.2	5
96	Fixation stability after surgical treatment of strabismus and biofeedback fixation training in amblyopic eyes. <i>BMC Ophthalmology</i> , 2021, 21, 264.	0.6	5
97	Dacryocystography or echography?: Value of these diagnostic methods before and after dacryocystorhinostomy. <i>Orbit</i> , 1988, 7, 191-195.	0.5	4
98	Excimer laser treatment of hyperopia. <i>Acta Ophthalmologica</i> , 1998, 76, 686-691.	0.4	4
99	Visual acuity and corneal surface regularity after blinking. <i>American Journal of Ophthalmology</i> , 2002, 134, 301-302.	1.7	4
100	Distribution of Axial, Corneal, and Combined Ametropia in a Refractive Surgery Unit. <i>European Journal of Ophthalmology</i> , 2003, 13, 739-744.	0.7	4
101	SURFACE DESCRIPTION FOR CORNEA TOPOGRAPHY USING MODIFIED CHEBYSHEV-POLYNOMIALS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 325-330.	0.4	4
102	Lack of association between VAP-1/SSAO activity and corneal neovascularization in a rabbit model. <i>Journal of Neural Transmission</i> , 2013, 120, 969-975.	1.4	4
103	The role of complement activation in the pathogenesis of Fuchs’s dystrophy. <i>Molecular Immunology</i> , 2014, 58, 177-181.	1.0	4
104	The validity of telemedicine-based screening for retinopathy of prematurity in the Premature Eye Rescue Program in Hungary. <i>Journal of Telemedicine and Telecare</i> , 2019, 27, 1357633X1988011.	1.4	4
105	Impact of COVID-19 Pandemic on Emergency Inpatient Volume at a Tertiary Eye Care Center in Germany with Corneal Main Specialization. <i>Klinische Monatsblätter Fur Augenheilkunde</i> , 2021, 238, 715-720.	0.3	4
106	Fixation instability, astigmatism, and lack of stereopsis as factors impeding recovery of binocular balance in amblyopia following binocular therapy. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
107	A new device in ultrasound diagnostics of the lacrimal sac. <i>Orbit</i> , 1988, 7, 197-200.	0.5	3
108	Unusual echographic form of retinoblastoma. <i>Acta Ophthalmologica</i> , 2009, 70, 107-109.	0.6	3

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109	Genetic Covariance Between Central Corneal Thickness and Anterior Chamber Volume: A Hungarian Twin Study. <i>Twin Research and Human Genetics</i> , 2014, 17, 397-404.	0.3	3
110	Modeling of in vivo acousto-optic two-photon imaging of the retina in the human eye. <i>Optics Express</i> , 2015, 23, 23436.	1.7	3
111	The inheritance of corneal endothelial cell density. <i>Ophthalmic Genetics</i> , 2016, 37, 281-284.	0.5	3
112	NMDA attenuates the neurovascular response to hypercapnia in the neonatal cerebral cortex. <i>Scientific Reports</i> , 2019, 9, 18900.	1.6	3
113	Non-invasive volumetric blood flow measurement in the orbit. <i>British Journal of Ophthalmology</i> , 2003, 87, 927-928.	2.1	2
114	Complement Activation in the Aqueous Humor of Pseudophakic Bullous Keratopathy Patients. <i>Ophthalmic Research</i> , 2013, 49, 161-166.	1.0	2
115	Vision Restoration with Implants. , 2018, , 617-630.		2
116	Boundary Detection Errors on Optical Coherence Tomography Images in Patients with Diabetic Retinopathy. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2010, 41, 54-59.	0.4	2
117	Eye Health Care in Hungary. <i>European Journal of Ophthalmology</i> , 2002, 12, 228-231.	0.7	1
118	Retinal thickness measurements with optical coherence biometry and optical coherence tomography. <i>Spektrum Der Augenheilkunde</i> , 2014, 28, 121-125.	0.2	1
119	Amniotic Membrane and the Controlled Drug Release. , 2015, , 177-192.		1
120	Retinal Function in Patients with Adalimumab Treatment: Long-term Follow-up with Microperimetry. <i>Ocular Immunology and Inflammation</i> , 2021, 29, 370-375.	1.0	1
121	Retinal Sensitivity and Fixation Stability Changes during Repeated Microperimetry. <i>Journal of Clinical & Experimental Ophthalmology</i> , 2017, 08, .	0.1	1
122	Comparison of the two primary surgical procedures for disrupted canaliculus. <i>Orbit</i> , 1989, 8, 269-273.	0.5	0
123	Echographic Signs of Perfluorodecalin. <i>American Journal of Ophthalmology</i> , 1993, 115, 679-680.	1.7	0
124	Examination of subepithelial scarring with ultrasound biomicroscopy following photorefractive keratectomy. <i>Lasers in Medical Science</i> , 1997, 12, 113-116.	1.0	0
125	Kinetic analysis of topographical parameters and interference pattern of tear lipid layer in normal subjects. <i>Ophthalmic and Physiological Optics</i> , 2010, 30, 790-799.	1.0	0
126	Measurements of Orbital Volume using Cone-Beam Computed Tomography in Eye Movement Abnormalities. <i>European Journal of Ophthalmology</i> , 2014, 24, 101-106.	0.7	0

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127	Genetic effects on refraction and correlation with hemodynamic variables: A twin study. Acta Physiologica Hungarica, 2014, 101, 309-320.	0.9	0
128	The Role of the Ophthalmologic Ultrasound in Neuro-ophthalmology. , 2016, , 253-256.		0
129	Color Doppler Ultrasound Examination in Orbital Diseases. , 2016, , 247-252.		0
130	Title is missing!. , 2020, 15, e0233851.		0
131	Title is missing!. , 2020, 15, e0233851.		0
132	Title is missing!. , 2020, 15, e0233851.		0
133	Title is missing!. , 2020, 15, e0233851.		0