

Jnos Nmeth

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

131
papers

2,407
citations

26
h-index

43
g-index

148
ext. papers

2,922
ext. citations

3.2
avg, IF

4.67
L-index

#	Paper	IF	Citations
131	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> , 2021 , 27, 367-375	6.8	2
130	Rapid assessment of avoidable blindness-based healthcare costs of diabetic retinopathy in Hungary and its projection for the year 2045. <i>British Journal of Ophthalmology</i> , 2021 , 105, 1116-1120	5.5	1
129	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	1.9	12
128	Impact of COVID-19 Pandemic on Emergency Inpatient Volume at a Tertiary Eye Care Center in Germany with Corneal Main Specialization. <i>Klinische Monatsblatter Fur Augenheilkunde</i> , 2021 , 238, 715-720	0.8	1
127	Recently updated global diabetic retinopathy screening guidelines: commonalities, differences, and future possibilities. <i>Eye</i> , 2021 , 35, 2685-2698	4.4	5
126	Fixation stability after surgical treatment of strabismus and biofeedback fixation training in amblyopic eyes. <i>BMC Ophthalmology</i> , 2021 , 21, 264	2.3	0
125	Rural-Urban disparities in the prevalence of diabetes and diabetic eye complications in Hungary. <i>Spektrum Der Augenheilkunde</i> , 2021 , 35, 54-60	0	1
124	Retinal Function in Patients with Adalimumab Treatment: Long-term Follow-up with Microperimetry. <i>Ocular Immunology and Inflammation</i> , 2021 , 29, 370-375	2.8	1
123	Brain interstitial pH changes in the subacute phase of hypoxic-ischemic encephalopathy in newborn pigs. <i>PLoS ONE</i> , 2020 , 15, e0233851	3.7	4
122	Cataract blindness in Hungary. <i>International Journal of Ophthalmology</i> , 2020 , 13, 438-444	1.4	3
121	Relationship between diabetes mellitus and cataract in Hungary. <i>International Journal of Ophthalmology</i> , 2020 , 13, 788-793	1.4	2
120	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	4.9	10
119	Dichoptic Spatial Contrast Sensitivity Reflects Binocular Balance in Normal and Stereoeanomalous Subjects 2020 , 61, 23		3
118	Brain interstitial pH changes in the subacute phase of hypoxic-ischemic encephalopathy in newborn pigs 2020 , 15, e0233851		
117	Brain interstitial pH changes in the subacute phase of hypoxic-ischemic encephalopathy in newborn pigs 2020 , 15, e0233851		
116	Brain interstitial pH changes in the subacute phase of hypoxic-ischemic encephalopathy in newborn pigs 2020 , 15, e0233851		
115	Brain interstitial pH changes in the subacute phase of hypoxic-ischemic encephalopathy in newborn pigs 2020 , 15, e0233851		

114	A Randomized, Controlled Trial of Cyclosporine A Cationic Emulsion in Pediatric Vernal Keratoconjunctivitis: The VEKTIS Study. <i>Ophthalmology</i> , 2019 , 126, 671-681	7.3	29
113	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	25.5	84
112	NMDA attenuates the neurovascular response to hypercapnia in the neonatal cerebral cortex. <i>Scientific Reports</i> , 2019 , 9, 18900	4.9	1
111	Diabetes and blindness in people with diabetes in Hungary. <i>European Journal of Ophthalmology</i> , 2019 , 29, 141-147	1.9	6
110	Preliminary Findings on the Optimization of Visual Performance in Patients with Age-Related Macular Degeneration Using Biofeedback Training. <i>Applied Psychophysiology Biofeedback</i> , 2019 , 44, 61-70	7.4	5
109	Phase II Randomized, Double-Masked, Vehicle-Controlled Trial of Recombinant Human Nerve Growth Factor for Neurotrophic Keratitis. <i>Ophthalmology</i> , 2018 , 125, 1332-1343	7.3	122
108	Phase I Trial of Recombinant Human Nerve Growth Factor for Neurotrophic Keratitis. <i>Ophthalmology</i> , 2018 , 125, 1468-1471	7.3	39
107	Feasibility of the rapid assessment of avoidable blindness with diabetic retinopathy module (RAAB+DR) in industrialised countries: challenges and lessons learned in Hungary. <i>Ophthalmic Epidemiology</i> , 2018 , 25, 273-279	1.9	6
106	Molecular hydrogen alleviates asphyxia-induced neuronal cyclooxygenase-2 expression in newborn pigs. <i>Acta Pharmacologica Sinica</i> , 2018 , 39, 1273-1283	8	10
105	Vision Restoration with Implants 2018 , 617-630		0
104	Visual impairment and blindness in Hungary. <i>Acta Ophthalmologica</i> , 2018 , 96, 168-173	3.7	10
103	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	6.8	4
102	Individual Test Point Fluctuations of Macular Sensitivity in Healthy Eyes and Eyes With Age-Related Macular Degeneration Measured With Microperimetry. <i>Translational Vision Science and Technology</i> , 2018 , 7, 25	3.3	5
101	Bipolar cell gap junctions serve major signaling pathways in the human retina. <i>Brain Structure and Function</i> , 2017 , 222, 2603-2624	4	17
100	Diabetes and diabetic retinopathy in people aged 50 years and older in Hungary. <i>British Journal of Ophthalmology</i> , 2017 , 101, 965-969	5.5	13
99	Subjective health expectations of patients with age-related macular degeneration treated with antiVEGF drugs. <i>BMC Geriatrics</i> , 2017 , 17, 233	4.1	9
98	Characterization of connexin36 gap junctions in the human outer retina. <i>Brain Structure and Function</i> , 2016 , 221, 2963-84	4	16
97	The inheritance of corneal endothelial cell density. <i>Ophthalmic Genetics</i> , 2016 , 37, 281-4	1.2	2

96	Leber congenital amaurosis: first genotyped Hungarian patients and report of 2 novel mutations in the CRB1 and CEP290 genes. <i>European Journal of Ophthalmology</i> , 2016 , 26, 78-84	1.9	4
95	Congenital Nystagmus Gene FRMD7 Is Necessary for Establishing a Neuronal Circuit Asymmetry for Direction Selectivity. <i>Neuron</i> , 2016 , 89, 177-93	13.9	77
94	Calcium buffer proteins are specific markers of human retinal neurons. <i>Cell and Tissue Research</i> , 2016 , 365, 29-50	4.2	17
93	The Role of Health Anxiety and Depressive Symptoms in Dry Eye Disease. <i>Current Eye Research</i> , 2016 , 41, 1044-1049	2.9	34
92	Macular Changes Correlate with the Degree of Acute Anterior Uveitis in Patients with Spondyloarthropathy. <i>Ocular Immunology and Inflammation</i> , 2016 , 24, 153-8	2.8	9
91	The Role of the Ophthalmologic Ultrasound in Neuro-ophthalmology 2016 , 253-256		
90	Color Doppler Ultrasound Examination in Orbital Diseases 2016 , 247-252		
89	Telemedical diabetic retinopathy screening in Hungary: a pilot programme. <i>Journal of Telemedicine and Telecare</i> , 2015 , 21, 167-73	6.8	10
88	Subretinal Visual Implant Alpha IMS--Clinical trial interim report. <i>Vision Research</i> , 2015 , 111, 149-60	2.1	250
87	Bilateral cystoid macular edema following docetaxel chemotherapy in a patient with retinitis pigmentosa: a case report. <i>BMC Ophthalmology</i> , 2015 , 15, 32	2.3	13
86	Modeling of in vivo acousto-optic two-photon imaging of the retina in the human eye. <i>Optics Express</i> , 2015 , 23, 23436-49	3.3	1
85	Amniotic Membrane and the Controlled Drug Release 2015 , 177-192		1
84	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	3.7	10
83	Dry eye and corneal langerhans cells in systemic lupus erythematosus. <i>Journal of Ophthalmology</i> , 2015 , 2015, 543835	2	35
82	The Effect of Axial Length on the Thickness of Intraretinal Layers of the Macula. <i>PLoS ONE</i> , 2015 , 10, e0142383	3.7	21
81	Novel features of neurodegeneration in the inner retina of early diabetic rats. <i>Histology and Histopathology</i> , 2015 , 30, 971-85	1.4	12
80	In Vivo Confocal Microscopic Imaging of the Cornea After Femtosecond and Excimer Laser-assisted Penetrating Keratoplasty. <i>Journal of Refractive Surgery</i> , 2015 , 31, 620-6	3.3	9
79	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	2.3	11

78	Retinal and choroidal thickness measurements using spectral domain optical coherence tomography in anterior and intermediate uveitis. <i>BMC Ophthalmology</i> , 2014 , 14, 103	2.3	28
77	Retinal thickness measurements with optical coherence biometry and optical coherence tomography. <i>Spektrum Der Augenheilkunde</i> , 2014 , 28, 121-125	0	1
76	Confocal microscopy of epithelial and langerhans cells of the cornea in patients using travoprost drops containing two different preservatives. <i>Pathology and Oncology Research</i> , 2014 , 20, 741-6	2.6	15
75	Pathologic alterations of the outer retina in streptozotocin-induced diabetes 2014 , 55, 3686-99		46
74	Genetic effects on refraction and correlation with hemodynamic variables: a twin study. <i>Acta Physiologica Hungarica</i> , 2014 , 101, 309-20		
73	A morphological study of retinal changes in unilateral amblyopia using optical coherence tomography image segmentation. <i>PLoS ONE</i> , 2014 , 9, e88363	3.7	25
72	Measurements of orbital volume using cone-beam computed tomography in eye movement abnormalities. <i>European Journal of Ophthalmology</i> , 2014 , 24, 101-6	1.9	
71	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	2.2	2
70	Optical coherence tomography features of POEMS syndrome and Castleman disease-associated papillopathy. <i>Ocular Immunology and Inflammation</i> , 2014 , 22, 454-60	2.8	8
69	Corneal Langerhans cell and dry eye examinations in ankylosing spondylitis. <i>Innate Immunity</i> , 2014 , 20, 471-7	2.7	31
68	Amblyopic deficit beyond the fovea: delayed and variable single-trial ERP response latencies, but unaltered amplitudes 2014 , 55, 1109-17		6
67	The role of complement activation in the pathogenesis of FuchsSdystrophy. <i>Molecular Immunology</i> , 2014 , 58, 177-81	4.3	4
66	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, 235-41	0.9	11
65	Lack of association between VAP-1/SSAO activity and corneal neovascularization in a rabbit model. <i>Journal of Neural Transmission</i> , 2013 , 120, 969-75	4.3	4
64	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, 283-7	5	30
63	Amblyopic deficits in the timing and strength of visual cortical responses to faces. <i>Cortex</i> , 2013 , 49, 1013-24	3.24	23
62	In vivo confocal microscopic evaluation of corneal Langerhans cell density, and distribution and evaluation of dry eye in rheumatoid arthritis. <i>Innate Immunity</i> , 2013 , 19, 348-54	2.7	48
61	Complement activation in the aqueous humor of pseudophakic bullous keratopathy patients. <i>Ophthalmic Research</i> , 2013 , 49, 161-6	2.9	1

60	Both freshly prepared and frozen-stored amniotic membrane cells express the complement inhibitor CD59. <i>Scientific World Journal, The</i> , 2012 , 2012, 815615	2.2	9
59	Positioning of electronic subretinal implants in blind retinitis pigmentosa patients through multimodal assessment of retinal structures 2012 , 53, 3748-55		22
58	Lid-parallel conjunctival folds (LIPCOF) and dry eye: a multicentre study. <i>British Journal of Ophthalmology</i> , 2012 , 96, 1380-5	5.5	42
57	Increased tear osmolarity in patients with severe cases of conjunctivochalasis. <i>Current Eye Research</i> , 2012 , 37, 80-4	2.9	15
56	Tear film function in patients with seasonal allergic conjunctivitis outside the pollen season. <i>International Archives of Allergy and Immunology</i> , 2012 , 157, 81-8	3.7	9
55	In vivo evaluation of retinal neurodegeneration in patients with multiple sclerosis. <i>PLoS ONE</i> , 2012 , 7, e30922	3.7	39
54	Corneal changes in progressive keratoconus after cross-linking assessed by Scheimpflug camera. <i>Journal of Refractive Surgery</i> , 2012 , 28, 645-9	3.3	16
53	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, 914-22	2.3	25
52	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	3.7	26
51	The structure and function of the macula in patients with advanced retinitis pigmentosa 2011 , 52, 8425-32		34
50	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, 2945-51		29
49	OCT Imaging of lid-parallel conjunctival folds in soft contact lens wearers. <i>Optometry and Vision Science</i> , 2011 , 88, 1206-13	2.1	15
48	Cone function in children with a history of preterm birth. <i>Documenta Ophthalmologica</i> , 2011 , 122, 141-8	2.2	6
47	Preliminary studies of the effects of vascular adhesion protein-1 inhibitors on experimental corneal neovascularization. <i>Journal of Neural Transmission</i> , 2011 , 118, 1065-9	4.3	5
46	Hornhaut Konfokal-Mikroskopie bei einer bilateralen Augenverletzung mit multiplen kornealen Fremdkörpern. <i>Spektrum Der Augenheilkunde</i> , 2011 , 25, 231-233	0	
45	Drug reservoir function of human amniotic membrane. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2011 , 27, 323-6	2.6	20
44	Kinetic analysis of topographical parameters and interference pattern of tear lipid layer in normal subjects. <i>Ophthalmic and Physiological Optics</i> , 2010 , 30, 790-9	4.1	
43	Comparison of Tearscope-plus versus slit lamp measurements of inferior tear meniscus height in normal individuals. <i>European Journal of Ophthalmology</i> , 2010 , 20, 819-24	1.9	14

42	Role of multifocal electroretinography in the diagnosis of idiopathic macular hole 2010 , 51, 1666-70		8
41	Permeability of human amniotic membrane to ofloxacin in vitro 2010 , 51, 1024-7		13
40	Intraocular lens exchange in patients with negative dysphotopsia symptoms. <i>Journal of Cataract and Refractive Surgery</i> , 2010 , 36, 418-24	2.3	55
39	Anterior chamber characteristics of keratoconus assessed by rotating Scheimpflug imaging. <i>Journal of Cataract and Refractive Surgery</i> , 2010 , 36, 1101-6	2.3	45
38	Shifting of the line of sight in keratoconus measured by a hartmann-shack sensor. <i>Ophthalmology</i> , 2010 , 117, 41-8	7.3	22
37	Boundary detection errors on optical coherence tomography images in patients with diabetic retinopathy. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2010 , 41, 54-9	1.4	2
36	Central corneal thickness measurements with optical coherence tomography and ultrasound pachymetry in healthy subjects and in patients after photorefractive keratectomy. <i>European Journal of Ophthalmology</i> , 2009 , 19, 180-7	1.9	5
35	Variability of higher order wavefront aberrations after blinks. <i>Journal of Refractive Surgery</i> , 2009 , 25, 59-68	3.3	11
34	Hydroxypropyl-guar gellable lubricant eye drops for dry eye treatment. <i>Expert Opinion on Pharmacotherapy</i> , 2008 , 9, 1431-6	4	20
33	Confocal microscopic evidence of increased Langerhans cell activity after corneal metal foreign body removal. <i>European Journal of Ophthalmology</i> , 2008 , 18, 703-7	1.9	13
32	A comparison of macular structure imaged by optical coherence tomography in preterm and full-term children. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 5207-11		67
31	Cataract surgery anaesthesia: is topical anaesthesia really better than retrobulbar?. <i>Acta Ophthalmologica</i> , 2007 , 85, 309-16		25
30	In vivo confocal laser scanning microscopy of the cornea in dry eye. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2007 , 245, 39-44	3.8	76
29	Dynamics of ocular surface topography in healthy subjects. <i>Ophthalmic and Physiological Optics</i> , 2006 , 26, 419-25	4.1	10
28	Spontaneous alterations of the corneal topographic pattern. <i>Journal of Cataract and Refractive Surgery</i> , 2005 , 31, 973-8	2.3	6
27	SURFACE DESCRIPTION FOR CORNEA TOPOGRAPHY USING MODIFIED CHEBYSHEV-POLYNOMIALS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005 , 38, 325-330		
26	Distribution of axial, corneal, and combined ametropia in a refractive surgery unit. <i>European Journal of Ophthalmology</i> , 2003 , 13, 739-44	1.9	2
25	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, 85-8	2.3	127

24	Non-invasive volumetric blood flow measurement in the orbit. <i>British Journal of Ophthalmology</i> , 2003 , 87, 927-8	5.5	2
23	The diameters of the human retinal branch vessels do not change in darkness. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 3115-8		19
22	Eye health care in Hungary. <i>European Journal of Ophthalmology</i> , 2002 , 12, 228-31	1.9	1
21	Observer experience improves reproducibility of color Doppler sonography of orbital blood vessels. <i>Journal of Clinical Ultrasound</i> , 2002 , 30, 332-5	1	24
20	Different autoregulation response to dynamic exercise in ophthalmic and central retinal arteries: a color Doppler study in healthy subjects 2002 , 240, 835-40		23
19	Visual acuity and corneal surface regularity after blinking. <i>American Journal of Ophthalmology</i> , 2002 , 134, 301-2; author reply 302-3	4.9	4
18	High-speed videotopographic measurement of tear film build-up time. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 1783-90		57
17	Conversion formulas between automated-perimetry indexes as measured by two different types of instrument. <i>Ophthalmologica</i> , 2001 , 215, 87-90	3.7	8
16	Central retinal vessel trunk exit and location of glaucomatous parapapillary atrophy in glaucoma. <i>Ophthalmology</i> , 2001 , 108, 1059-64	7.3	39
15	Corneal topography changes after a 15 second pause in blinking. <i>Journal of Cataract and Refractive Surgery</i> , 2001 , 27, 589-92	2.3	40
14	Retinal microcirculation correlates with ocular wall thickness, axial eye length, and refraction in glaucoma patients. <i>Journal of Glaucoma</i> , 2001 , 10, 390-5	2.1	16
13	Excimer laser treatment of hyperopia. <i>Acta Ophthalmologica</i> , 1998 , 76, 686-91		3
12	Examination of subepithelial scarring with ultrasound biomicroscopy following photorefractive keratectomy. <i>Lasers in Medical Science</i> , 1997 , 12, 113-116	3.1	
11	Ultrasound biomicroscopic morphometry of the anterior eye segment before and after one drop of pilocarpine. <i>International Ophthalmology</i> , 1996 , 20, 39-42	2.2	5
10	Echographic signs of perfluorodecalin. <i>American Journal of Ophthalmology</i> , 1993 , 115, 679-80	4.9	
9	Unusual echographic form of retinoblastoma. <i>Acta Ophthalmologica</i> , 1992 , 70, 107-9	3.7	3
8	Diffuse type alteration of the ocular wall in different eye diseases. <i>Acta Ophthalmologica</i> , 1992 , 70, 353-6.7		5
7	Changes in the ocular dimensions after trabeculectomy. <i>International Ophthalmology</i> , 1992 , 16, 355-7	2.2	30

6	Use of ultrasound diagnostics in lacrimal sac diseases. <i>International Ophthalmology</i> , 1991 , 15, 397-9	2.2	5
5	Primary Sjögren's syndrome from the viewpoint of an internal physician. <i>International Ophthalmology</i> , 1991 , 15, 401-6	2.2	6
4	The posterior coats of the eye in glaucoma. An echobiometric study. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1990 , 228, 33-5	3.8	15
3	Comparison of the two primary surgical procedures for disrupted canaliculus. <i>Orbit</i> , 1989 , 8, 269-273	1.5	
2	Dacryocystography or echography?: Value of these diagnostic methods before and after dacryocystorhinostomy. <i>Orbit</i> , 1988 , 7, 191-195	1.5	4
1	A new device in ultrasound diagnostics of the lacrimal sac. <i>Orbit</i> , 1988 , 7, 197-200	1.5	3