

Jnos Nmeth

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1713136/janos-nemeth-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Subretinal Visual Implant Alpha IMS--Clinical trial interim report. <i>Vision Research</i> , 2015 , 111, 149-60	2.1	250
130	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
129	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
128	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
127	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
126	In vivo confocal laser scanning microscopy of the cornea in dry eye. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2007 , 245, 39-44	3.8	76
125	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
124	High-speed videotopographic measurement of tear film build-up time. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 1783-90		57
123	Intraocular lens exchange in patients with negative dysphotopsia symptoms. <i>Journal of Cataract and Refractive Surgery</i> , 2010 , 36, 418-24	2.3	55
122	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
121	Pathologic alterations of the outer retina in streptozotocin-induced diabetes 2014 , 55, 3686-99		46
120	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
119	Lid-parallel conjunctival folds (LIPCOF) and dry eye: a multicentre study. <i>British Journal of Ophthalmology</i> , 2012 , 96, 1380-5	5.5	42
118	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
117	Phase I Trial of Recombinant Human Nerve Growth Factor for Neurotrophic Keratitis. <i>Ophthalmology</i> , 2018 , 125, 1468-1471	7.3	39
116	Central retinal vessel trunk exit and location of glaucomatous parapapillary atrophy in glaucoma. <i>Ophthalmology</i> , 2001 , 108, 1059-64	7.3	39
115	In vivo evaluation of retinal neurodegeneration in patients with multiple sclerosis. <i>PLoS ONE</i> , 2012 , 7, e30922	3.7	39

114	Dry eye and corneal langerhans cells in systemic lupus erythematosus. <i>Journal of Ophthalmology</i> , 2015 , 2015, 543835	2	35
113	The Role of Health Anxiety and Depressive Symptoms in Dry Eye Disease. <i>Current Eye Research</i> , 2016 , 41, 1044-1049	2.9	34
112	The structure and function of the macula in patients with advanced retinitis pigmentosa 2011 , 52, 8425-32		34
111	Corneal Langerhans cell and dry eye examinations in ankylosing spondylitis. <i>Innate Immunity</i> , 2014 , 20, 471-7	2.7	31
110	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
109	Changes in the ocular dimensions after trabeculectomy. <i>International Ophthalmology</i> , 1992 , 16, 355-7	2.2	30
108	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
107	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
106	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
105	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
104	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
103	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
102	Cataract surgery anaesthesia: is topical anaesthesia really better than retrobulbar?. <i>Acta Ophthalmologica</i> , 2007 , 85, 309-16		25
101	Observer experience improves reproducibility of color Doppler sonography of orbital blood vessels. <i>Journal of Clinical Ultrasound</i> , 2002 , 30, 332-5	1	24
100	Amblyopic deficits in the timing and strength of visual cortical responses to faces. <i>Cortex</i> , 2013 , 49, 1013-24	3.24	23
99	Different autoregulation response to dynamic exercise in ophthalmic and central retinal arteries: a color Doppler study in healthy subjects 2002 , 240, 835-40		23
98	Shifting of the line of sight in keratoconus measured by a hartmann-shack sensor. <i>Ophthalmology</i> , 2010 , 117, 41-8	7.3	22
97	Positioning of electronic subretinal implants in blind retinitis pigmentosa patients through multimodal assessment of retinal structures 2012 , 53, 3748-55		22

96	The Effect of Axial Length on the Thickness of Intraretinal Layers of the Macula. <i>PLoS ONE</i> , 2015 , 10, e0142383	3.7	21
95	Drug reservoir function of human amniotic membrane. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2011 , 27, 323-6	2.6	20
94	Hydroxypropyl-guar gellable lubricant eye drops for dry eye treatment. <i>Expert Opinion on Pharmacotherapy</i> , 2008 , 9, 1431-6	4	20
93	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
92	Bipolar cell gap junctions serve major signaling pathways in the human retina. <i>Brain Structure and Function</i> , 2017 , 222, 2603-2624	4	17
91	Calcium buffer proteins are specific markers of human retinal neurons. <i>Cell and Tissue Research</i> , 2016 , 365, 29-50	4.2	17
90	Characterization of connexin36 gap junctions in the human outer retina. <i>Brain Structure and Function</i> , 2016 , 221, 2963-84	4	16
89	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
88	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
87	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
86	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
85	Increased tear osmolarity in patients with severe cases of conjunctivochalasis. <i>Current Eye Research</i> , 2012 , 37, 80-4	2.9	15
84	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
83	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
82	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
81	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
80	Permeability of human amniotic membrane to ofloxacin in vitro 2010 , 51, 1024-7		13
79	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

78	Novel features of neurodegeneration in the inner retina of early diabetic rats. <i>Histology and Histopathology</i> , 2015 , 30, 971-85	1.4	12
77	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
76	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
75	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
74	Variability of higher order wavefront aberrations after blinks. <i>Journal of Refractive Surgery</i> , 2009 , 25, 59-68	3.3	11
73	Telemedical diabetic retinopathy screening in Hungary: a pilot programme. <i>Journal of Telemedicine and Telecare</i> , 2015 , 21, 167-73	6.8	10
72	Molecular hydrogen alleviates asphyxia-induced neuronal cyclooxygenase-2 expression in newborn pigs. <i>Acta Pharmacologica Sinica</i> , 2018 , 39, 1273-1283	8	10
71	Visual impairment and blindness in Hungary. <i>Acta Ophthalmologica</i> , 2018 , 96, 168-173	3.7	10
70	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
69	Dynamics of ocular surface topography in healthy subjects. <i>Ophthalmic and Physiological Optics</i> , 2006 , 26, 419-25	4.1	10
68	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
67	Subjective health expectations of patients with age-related macular degeneration treated with antiVEGF drugs. <i>BMC Geriatrics</i> , 2017 , 17, 233	4.1	9
66	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
65	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
64	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
63	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
62	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
61	Role of multifocal electroretinography in the diagnosis of idiopathic macular hole 2010 , 51, 1666-70		8

60	Conversion formulas between automated-perimetry indexes as measured by two different types of instrument. <i>Ophthalmologica</i> , 2001 , 215, 87-90	3.7	8
59	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
58	Amblyopic deficit beyond the fovea: delayed and variable single-trial ERP response latencies, but unaltered amplitudes 2014 , 55, 1109-17		6
57	Cone function in children with a history of preterm birth. <i>Documenta Ophthalmologica</i> , 2011 , 122, 141-8	2.2	6
56	Spontaneous alterations of the corneal topographic pattern. <i>Journal of Cataract and Refractive Surgery</i> , 2005 , 31, 973-8	2.3	6
55	Primary Sjögren's syndrome from the viewpoint of an internal physician. <i>International Ophthalmology</i> , 1991 , 15, 401-6	2.2	6
54	Diabetes and blindness in people with diabetes in Hungary. <i>European Journal of Ophthalmology</i> , 2019 , 29, 141-147	1.9	6
53	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
52	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
51	Diffuse type alteration of the ocular wall in different eye diseases. <i>Acta Ophthalmologica</i> , 1992 , 70, 353-6	6.7	5
50	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
49	Use of ultrasound diagnostics in lacrimal sac diseases. <i>International Ophthalmology</i> , 1991 , 15, 397-9	2.2	5
48	Recently updated global diabetic retinopathy screening guidelines: commonalities, differences, and future possibilities. <i>Eye</i> , 2021 , 35, 2685-2698	4.4	5
47	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
46	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
45	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
44	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
43	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

42	The role of complement activation in the pathogenesis of FuchsSdystrophy. <i>Molecular Immunology</i> , 2014 , 58, 177-81	4.3	4
41	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
40	Dacryocystography or echography?: Value of these diagnostic methods before and after dacryocystorhinostomy. <i>Orbit</i> , 1988 , 7, 191-195	1.5	4
39	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
38	Unusual echographic form of retinoblastoma. <i>Acta Ophthalmologica</i> , 1992 , 70, 107-9	3.7	3
37	Excimer laser treatment of hyperopia. <i>Acta Ophthalmologica</i> , 1998 , 76, 686-91		3
36	A new device in ultrasound diagnostics of the lacrimal sac. <i>Orbit</i> , 1988 , 7, 197-200	1.5	3
35	Cataract blindness in Hungary. <i>International Journal of Ophthalmology</i> , 2020 , 13, 438-444	1.4	3
34	Dichoptic Spatial Contrast Sensitivity Reflects Binocular Balance in Normal and Stereoanomalous Subjects 2020 , 61, 23		3
33	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
32	The inheritance of corneal endothelial cell density. <i>Ophthalmic Genetics</i> , 2016 , 37, 281-4	1.2	2
31	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
30	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
29	Non-invasive volumetric blood flow measurement in the orbit. <i>British Journal of Ophthalmology</i> , 2003 , 87, 927-8	5.5	2
28	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
27	Relationship between diabetes mellitus and cataract in Hungary. <i>International Journal of Ophthalmology</i> , 2020 , 13, 788-793	1.4	2
26	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
25	Amniotic Membrane and the Controlled Drug Release 2015 , 177-192		1

24	Retinal thickness measurements with optical coherence biometry and optical coherence tomography. <i>Spektrum Der Augenheilkunde</i> , 2014 , 28, 121-125	0	1
23	Complement activation in the aqueous humor of pseudophakic bullous keratopathy patients. <i>Ophthalmic Research</i> , 2013 , 49, 161-6	2.9	1
22	Eye health care in Hungary. <i>European Journal of Ophthalmology</i> , 2002 , 12, 228-31	1.9	1
21	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
20	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	9.8	1
19	NMDA attenuates the neurovascular response to hypercapnia in the neonatal cerebral cortex. <i>Scientific Reports</i> , 2019 , 9, 18900	4.9	1
18	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
17	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
16	Vision Restoration with Implants 2018 , 617-630		0
15	Fixation stability after surgical treatment of strabismus and biofeedback fixation training in amblyopic eyes. <i>BMC Ophthalmology</i> , 2021 , 21, 264	2.3	0
14	Genetic effects on refraction and correlation with hemodynamic variables: a twin study. <i>Acta Physiologica Hungarica</i> , 2014 , 101, 309-20		
13	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	
12	Hornhaut Konfokal-Mikroskopie bei einer bilateralen Augenverletzung mit multiplen kornealen Fremdkörpern. <i>Spektrum Der Augenheilkunde</i> , 2011 , 25, 231-233	0	
11	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	
10	Examination of subepithelial scarring with ultrasound biomicroscopy following photorefractive keratectomy. <i>Lasers in Medical Science</i> , 1997 , 12, 113-116	3.1	
9	SURFACE DESCRIPTION FOR CORNEA TOPOGRAPHY USING MODIFIED CHEBYSHEV-POLYNOMIALS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005 , 38, 325-330		
8	Echographic signs of perfluorodecalin. <i>American Journal of Ophthalmology</i> , 1993 , 115, 679-80	4.9	
7	Comparison of the two primary surgical procedures for disrupted canaliculus. <i>Orbit</i> , 1989 , 8, 269-273	1.5	

6 The Role of the Ophthalmologic Ultrasound in Neuro-ophthalmology **2016**, 253-256

5 Color Doppler Ultrasound Examination in Orbital Diseases **2016**, 247-252

4 Brain interstitial pH changes in the subacute phase of hypoxic-ischemic encephalopathy in newborn pigs **2020**, 15, e0233851

3 Brain interstitial pH changes in the subacute phase of hypoxic-ischemic encephalopathy in newborn pigs **2020**, 15, e0233851

2 Brain interstitial pH changes in the subacute phase of hypoxic-ischemic encephalopathy in newborn pigs **2020**, 15, e0233851

1 Brain interstitial pH changes in the subacute phase of hypoxic-ischemic encephalopathy in newborn pigs **2020**, 15, e0233851