Gabor Nemeth

List of Publications by Year
in descending order

55	1,119	394421 19	454955 30
papers	citations	h-index	g-index

56	56	56	1252
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Repeatability of Ocular Biomechanical Data Measurements With a Scheimpflug-Based Noncontact Device on Normal Corneas. Journal of Refractive Surgery, 2013, 29, 558-563.	2.3	118
2	Assessment and reproducibility of anterior chamber depth measurement with anterior segment optical coherence tomography compared with immersion ultrasonography. Journal of Cataract and Refractive Surgery, 2007, 33, 443-447.	1.5	64
3	Early Corneal Cellular and Nerve Fiber Pathology in Young Patients With Type 1 Diabetes Mellitus Identified Using Corneal Confocal Microscopy. , 2016, 57, 853.		62
4	Anterior chamber depth measurements in phakic and pseudophakic eyes: Pentacam versus ultrasound device. Journal of Cataract and Refractive Surgery, 2006, 32, 1331-1335.	1.5	61
5	Age-related impairment of neurovascular coupling responses: a dynamic vessel analysis (DVA)-based approach to measure decreased flicker light stimulus-induced retinal arteriolar dilation in healthy older adults. GeroScience, 2019, 41, 341-349.	4.6	53
6	Anterior segment changes with age and during accommodation measured with partial coherence interferometry. Journal of Cataract and Refractive Surgery, 2007, 33, 1597-1601.	1.5	44
7	Examination of ocular biomechanics with a new Scheimpflug technology after corneal refractive surgery. Contact Lens and Anterior Eye, 2014, 37, 337-341.	1.7	43
8	Evaluation of Posterior Astigmatism Measured With Scheimpflug Imaging. Cornea, 2014, 33, 1214-1218.	1.7	39
9	Astigmatism Prevalence and Biometric Analysis in Normal Population. European Journal of Ophthalmology, 2013, 23, 779-783.	1.3	36
10	Collagen cross-linking in the treatment of pellucid marginal degeneration. Indian Journal of Ophthalmology, 2014, 62, 367.	1.1	35
11	Analysis of Surgically Induced Astigmatism on the Posterior Surface of the Cornea. Journal of Refractive Surgery, 2014, 30, 604-608.	2.3	34
12	Pseudophakic accommodation and pseudoaccommodation under physiological conditions measured with partial coherence interferometry. Journal of Cataract and Refractive Surgery, 2006, 32, 1345-1350.	1.5	31
13	Keratometry Evaluations With the Pentacam High Resolution in Comparison With the Automated Keratometry and Conventional Corneal Topography. Cornea, 2012, 31, 36-41.	1.7	28
14	Comparison of central corneal thickness measurements with a new optical device and a standard ultrasonic pachymeter. Journal of Cataract and Refractive Surgery, 2006, 32, 460-463.	1.5	27
15	Comparison of intraocular lens power prediction using immersion ultrasound and optical biometry with and without formula optimization. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1321-1325.	1.9	26
16	Assessment of Tear Osmolarity and Other Dry Eye Parameters in Post-LASIK Eyes. Cornea, 2013, 32, e142-e145.	1.7	26
17	Noncontact Evaluation of Corneal Grafts: Swept-Source Fourier Domain OCT Versus High-Resolution Scheimpflug Imaging. Cornea, 2017, 36, 434-439.	1.7	24
18	Comparative analysis of white-to-white and angle-to-angle distance measurements with partial coherence interferometry and optical coherence tomography. Journal of Cataract and Refractive Surgery, 2010, 36, 1862-1866.	1.5	23

#	Article	IF	Citations
19	Assessment of Corneal Topography Indices after Collagen Crosslinking for Keratoconus. European Journal of Ophthalmology, 2013, 23, 635-640.	1.3	21
20	Reliability of the Corneal Thickness Measurements With the Pentacam HR Imaging System and Ultrasound Pachymetry. Cornea, 2011, 30, 561-566.	1.7	20
21	Effects of aging on corneal parameters measured with Pentacam in healthy subjects. Scientific Reports, 2019, 9, 3419.	3.3	20
22	Repeatability Data and Agreement of Keratometry With the VERION System Compared to the IOLMaster. Journal of Refractive Surgery, 2015, 31, 333-337.	2.3	20
23	Accuracy of the Hillâ€“radial basis function method and the Barrett Universal II formula. European Journal of Ophthalmology, 2021, 31, 566-571.	1.3	19
24	Evaluation of the Corneal Endothelium Using Noncontact and Contact Specular Microscopy. Cornea, 2011, 30, 567-570.	1.7	17
25	Thyroid hormone- and estrogen receptor interactions with natural ligands and endocrine disruptors in the cerebellum. Frontiers in Neuroendocrinology, 2018, 48, 23-36.	5.2	14
26	Corneal Manifestations of Inflammatory Bowel Disease. Seminars in Ophthalmology, 2019, 34, 543-550.	1.6	14
27	Paired opposite Clear Corneal Incision: Time-Related Changes of its Effect and Factors on which those Changes Depend. European Journal of Ophthalmology, 2014, 24, 676-681.	1.3	13
28	Corneal biomechanical data and biometric parameters measured with Scheimpflug-based devices on normal corneas. International Journal of Ophthalmology, 2017, 10, 217-222.	1.1	13
29	Evaluation of a Recently Developed Noncontact Specular Microscope in Comparison with Conventional Pachymetry Devices. European Journal of Ophthalmology, 2010, 20, 831-838.	1.3	12
30	Corneal Manifestations of Systemic Sclerosis. Ocular Immunology and Inflammation, 2019, 27, 968-977.	1.8	12
31	Ocular measurements of a swept-source biometer: Repeatability data and comparison with an optical low-coherence interferometry biometer. Journal of Cataract and Refractive Surgery, 2019, 45, 789-797.	1.5	12
32	Comparison of Anterior Chamber Depth Measurements Conducted with Pentacam HR Â® and IOLMaster Â®. Ophthalmic Surgery Lasers and Imaging Retina, 2011, 42, 144-147.	0.7	12
33	Analysis of Age-Dependence of the Anterior and Posterior Cornea With Scheimpflug Imaging. Journal of Refractive Surgery, 2013, 29, 326-331.	2.3	11
34	Cell adhesion molecules in stromal corneal dystrophies. Histology and Histopathology, 2008, 23, 945-52.	0.7	11
35	Intraoperative and Postoperative Corneal Thickness Change after Collagen Crosslinking Therapy. European Journal of Ophthalmology, 2014, 24, 179-185.	1.3	10
36	Comparison of accuracy of different intraocular lens power calculation methods using artificial intelligence. European Journal of Ophthalmology, 2022, 32, 235-241.	1.3	9

#	Article	IF	Citations
37	Spectroscopic study of explanted opacified hydrophilic acrylic intraocular lenses. Acta Ophthalmologica, 2011, 89, e161-e166.	1.1	8
38	Accommodation in phakic and pseudophakic eyes measured with subjective and objective methods. Journal of Cataract and Refractive Surgery, 2013, 39, 1534-1542.	1.5	8
39	Evaluation of placental vascularization indices in monochorionic diamniotic and dichorionic diamniotic twin pregnancies. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2018, 228, 225-231.	1.1	8
40	Pseudophakic accommodation with 2 models of foldable intraocular lenses. Journal of Cataract and Refractive Surgery, 2006, 32, 221-226.	1.5	7
41	Anterior Segment Parameters Measured with 2 Optical Devices Compared to Ultrasonic Data. European Journal of Ophthalmology, 2013, 23, 177-182.	1.3	7
42	Assessment of endothelial cell density and corneal thickness in corneal grafts an average of 5 years after penetrating keratoplasty. Wiener Klinische Wochenschrift, 2014, 126, 286-290.	1.9	7
43	Scheimpflug imaged corneal changes on anterior and posterior surfaces after collagen cross-linking. International Journal of Ophthalmology, 2014, 7, 313-6.	1.1	6
44	Ocular biomechanical measurements on post-keratoplasty corneas using a Scheimpflug-based noncontact device. International Journal of Ophthalmology, 2016, 9, 235-8.	1.1	6
45	Corneal Involvement of Patients with Polymyositis and Dermatomyositis. Ocular Immunology and Inflammation, 2020, 28, 58-66.	1.8	5
46	Anterior Chamber Depth Measurements Obtained with Pentacam HR Â® Imaging System and Conventional A-Scan Ultrasound. Ophthalmic Surgery Lasers and Imaging Retina, 2011, 42, 248-253.	0.7	5
47	Scheimpflug imaging in anterior megalophthalmos. Indian Journal of Ophthalmology, 2013, 61, 32.	1.1	4
48	Long-Term Changes in Backscattered Light Measurements in Keratoconus Corneas Treated with Collagen Cross-Linking. Current Eye Research, 2018, 43, 18-26.	1.5	4
49	Scanning-slit topography in patients with keratoconus. International Journal of Ophthalmology, 2017, 10, 1686-1692.	1.1	3
50	Scheimpflug Image-Based Changes in Anterior Segment Parameters during Accommodation Induced by Short-Term Reading. European Journal of Ophthalmology, 2017, 27, 301-307.	1.3	2
51	Corneal endothelial morphology and function after torsional and longitudinal ultrasound mode phacoemulsification. Romanian Journal of Ophthalmology, 2016, 60, 109-115.	0.5	1
52	Anterior segment parameters associated with extramuscular manifestations in polymyositis and dermatomyositis. International Journal of Ophthalmology, 2020, 13, 1443-1450.	1.1	1
53	Angiogenic factors measured in aspirated placental tissue between the 10â€‰+â€‰6 and 18â€‰+â€‰3 weeks of gestation. Reproductive Biology, 2021, 21, 100572.	1.9	1
54	Menarche as a predictor of risk-taking behavior in a sample of Hungarian adolescent girls. International Journal of Adolescent Medicine and Health, 2019, 31, .	1.3	0

#	Article	IF	Citations
55	Differences Between the Estimated and Scheimpflug Image-Measured Axial Intraocular Lens Positions and Their Relation to Refractive Error After Cataract Surgery. Journal of Refractive Surgery, 2014, 30, 1-2.	2.3	0