

Timur M Yildirim

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

795
citations

471061

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610482

24
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57
all docs

57
docs citations

57
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	Glistening Formation and Light Scattering in Six Hydrophobic-Acrylic Intraocular Lenses. American Journal of Ophthalmology, 2018, 196, 112-120.	1.7	54
2	Material Analysis and Optical Quality Assessment of Opacified Hydrophilic Acrylic Intraocular Lenses After Pars Plana Vitrectomy. American Journal of Ophthalmology, 2018, 193, 10-19.	1.7	48
3	The impact of glistenings on the optical quality of a hydrophobic acrylic intraocular lens. Journal of Cataract and Refractive Surgery, 2019, 45, 1020-1025.	0.7	41
4	Assessment of the image quality of extended depth-of-focus intraocular lens models in polychromatic light. Journal of Cataract and Refractive Surgery, 2020, 46, 108-115.	0.7	41
5	Assessment of straylight and the modulation transfer function of intraocular lenses with centrally localized opacification associated with the intraocular injection of gas. Journal of Cataract and Refractive Surgery, 2018, 44, 615-622.	0.7	33
6	A review of late intraocular lens opacifications. Current Opinion in Ophthalmology, 2021, 32, 31-44.	1.3	27
7	Laboratory Investigation of Preclinical Visual-Quality Metrics and Halo-Size in Enhanced Monofocal Intraocular Lenses. Ophthalmology and Therapy, 2021, 10, 1093-1104.	1.0	27
8	Microscopic Characteristics of Late Intraocular Lens Opacifications. Archives of Pathology and Laboratory Medicine, 2021, 145, 759-767.	1.2	26
9	Aesthetics of iris reconstruction with a custom-made artificial iris prosthesis. PLoS ONE, 2020, 15, e0237616.	1.1	25
10	Reasons for explantation, demographics, and material analysis of 200 intraocular lens explants. Journal of Cataract and Refractive Surgery, 2020, 46, 20-26.	0.7	25
11	The Effect of a Spectral Filter on Visual Quality in Patients with an Extended-Depth-Of-Focus Intraocular Lens. American Journal of Ophthalmology, 2019, 208, 56-63.	1.7	23
12	Glistening formation in a new hydrophobic acrylic intraocular lens. BMC Ophthalmology, 2020, 20, 186.	0.6	23
13	Functional Outcomes and Reading Performance After Combined Implantation of a Small-Aperture Lens and a Segmental Refractive Bifocal Lens. Journal of Refractive Surgery, 2019, 35, 551-558.	1.1	21
14	Impact of Primary Calcification in Segmented Refractive Bifocal Intraocular Lenses on Optical Performance Including Straylight. Journal of Refractive Surgery, 2020, 36, 20-27.	1.1	21
15	Failed treatment of long bone nonunions with low intensity pulsed ultrasound. Archives of Orthopaedic and Trauma Surgery, 2016, 136, 1121-1134.	1.3	19
16	Ray propagation imaging and optical quality evaluation of different intraocular lens models. PLoS ONE, 2020, 15, e0228342.	1.1	19
17	Trifocality Achieved Through Polypseudophakia: Optical Quality and Light Loss Compared With a Single Trifocal Intraocular Lens. Journal of Refractive Surgery, 2020, 36, 570-577.	1.1	19
18	Quantification of the In Vitro Predisposition to Glistening Formation in One Manufacturer's Acrylic Intraocular Lenses Made in Different Decades. Ophthalmology and Therapy, 2021, 10, 165-174.	1.0	18

#	ARTICLE	IF	CITATIONS
19	Does surgical treatment within 4 hours after trauma have an influence on neurological remission in patients with acute spinal cord injury?. <i>Therapeutics and Clinical Risk Management</i> , 2016, Volume 12, 1339-1346.	0.9	17
20	Ab interno gel implant in patients with primary open angle glaucoma and pseudoexfoliation glaucoma. <i>BMC Ophthalmology</i> , 2018, 18, 339.	0.6	11
21	Bilateral trifocal IOL implantation in a pediatric case of cataract following steroid-therapy for acute lymphoblastic leukemia. <i>American Journal of Ophthalmology Case Reports</i> , 2019, 13, 46-49.	0.4	11
22	Variation in intraocular lens calcification under different environmental conditions in eyes with supplementary sulcus-supported lenses. <i>American Journal of Ophthalmology Case Reports</i> , 2020, 19, 100797.	0.4	11
23	In vitro optical quality assessment of a monofocal IOL sutured to an artificial iris. <i>Journal of Cataract and Refractive Surgery</i> , 2020, 46, 1184-1188.	0.7	11
24	Reversibility of the duet procedure: Bilateral exchange of a supplementary trifocal sulcus-fixated intraocular lens for correction of a postoperative refractive error. <i>American Journal of Ophthalmology Case Reports</i> , 2020, 20, 100957.	0.4	11
25	Reasons for explantation of phakic intraocular lenses and associated perioperative complications: cross-sectional explant registry analysis. <i>BMC Ophthalmology</i> , 2021, 21, 80.	0.6	11
26	Quantitative evaluation of microvacuole formation in five intraocular lens models made of different hydrophobic materials. <i>PLoS ONE</i> , 2021, 16, e0250860.	1.1	11
27	Dispersive viscosurgical devices demonstrate greater efficacy in protecting corneal endothelium in vitro. <i>BMJ Open Ophthalmology</i> , 2019, 4, e000227.	0.8	10
28	Implantation of a small-aperture intraocular lens and a partial aniridia implant in eyes with traumatic iris defects. <i>American Journal of Ophthalmology Case Reports</i> , 2020, 18, 100673.	0.4	10
29	Preloaded injectors used in a clinical study: videographic assessment and laboratory analysis of injector nozzle damage. <i>Journal of Cataract and Refractive Surgery</i> , 2021, 47, 1338-1344.	0.7	10
30	Clinical Application of Infrared-Light Microperimetry in the Assessment of Scotopic-Eye Sensitivity. <i>Translational Vision Science and Technology</i> , 2020, 9, 7.	1.1	9
31	A Novel Approach for Assessing Visual Impairment Caused by Intraocular Lens Opacification: High-Resolution Optical Coherence Tomography. <i>American Journal of Ophthalmology</i> , 2021, 226, 108-116.	1.7	9
32	A pinhole implant to correct postoperative residual refractive error in an RK cataract patient. <i>American Journal of Ophthalmology Case Reports</i> , 2020, 20, 100890.	0.4	8
33	First Results of a New Hyperaspheric Add-on Intraocular Lens Approach Implanted in Pseudophakic Patients with Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , 2018, 2, 900-905.	1.2	6
34	Semi-fluorinated Alkane Eye Drops Reduce Signs and Symptoms of Evaporative Dry Eye Disease After Cataract Surgery. <i>Journal of Refractive Surgery</i> , 2020, 36, 474-480.	1.1	6
35	Development of a standardized in vitro model to reproduce hydrophilic acrylic intraocular lens calcification. <i>Scientific Reports</i> , 2022, 12, 7685.	1.6	6
36	Low intensity pulsed ultrasound in the treatment of long bone nonunions: Evaluation of cytokine expression as a tool for objectifying nonunion therapy. <i>Journal of Orthopaedics</i> , 2016, 13, 306-312.	0.6	5

#	ARTICLE	IF	CITATIONS
37	Laboratory analysis and ray visualization of diffractive optics with enhanced intermediate vision. BMC Ophthalmology, 2021, 21, 197.	0.6	5
38	Visualization of Forward Light Scatter in Opacified Intraocular Lenses and Straylight Assessment. Diagnostics, 2021, 11, 1512.	1.3	5
39	Simulations of Decentration and Tilt of a Supplementary Sulcus-Fixated Intraocular Lens in a Polypseudophakic Combination Using Ray-Tracing Software. Photonics, 2021, 8, 309.	0.9	5
40	Duet procedure to achieve reversible trifocality in a young patient with hereditary hyperferritinemia-cataract syndrome. American Journal of Ophthalmology Case Reports, 2021, 21, 101026.	0.4	4
41	Laboratory evaluation of higher-order aberrations and light scattering in explanted opacified intraocular lenses. Eye and Vision (London, England), 2021, 8, 14.	1.4	4
42	Optical function of intraocular lenses in different opacification patterns: metrology analysis of 67 explants. Journal of Cataract and Refractive Surgery, 2021, 47, 1210-1217.	0.7	4
43	Reply to Comment on: The Effect of a Spectral Filter on Visual Quality in Patients with an Extended-Depth-of-Focus Intraocular Lens. American Journal of Ophthalmology, 2020, 213, 322.	1.7	3
44	Laboratory and Clinical Experience With a Diffractive Trifocal Intraocular Lens Sutured to an Artificial Iris. Journal of Refractive Surgery, 2022, 38, 61-68.	1.1	3
45	Development and Verification of an Adjustment Factor for Determining the Axial Length Using Optical Biometry in Silicone Oil-Filled Eyes. Diagnostics, 2022, 12, 163.	1.3	2
46	High-addition segmented refractive bifocal intraocular lens in inactive age-related macular degeneration: A multicenter pilot study. PLoS ONE, 2021, 16, e0256985.	1.1	1