

# Timur M Yildirim

## List of Publications by Citations

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45  
papers

357  
citations

11  
h-index

15  
g-index

57  
ext. papers

555  
ext. citations

2.8  
avg, IF

4.35  
L-index

#	Paper	IF	Citations
45	Material Analysis and Optical Quality Assessment of Opacified Hydrophilic Acrylic Intraocular Lenses After Pars Plana Vitrectomy. <i>American Journal of Ophthalmology</i> , <b>2018</b> , 193, 10-19	4.9	27
44	Glistening Formation and Light Scattering in Six Hydrophobic-Acrylic Intraocular Lenses. <i>American Journal of Ophthalmology</i> , <b>2018</b> , 196, 112-120	4.9	25
43	Assessment of the image quality of extended depth-of-focus intraocular lens models in polychromatic light. <i>Journal of Cataract and Refractive Surgery</i> , <b>2020</b> , 46, 108-115	2.3	22
42	Assessment of straylight and the modulation transfer function of intraocular lenses with centrally localized opacification associated with the intraocular injection of gas. <i>Journal of Cataract and Refractive Surgery</i> , <b>2018</b> , 44, 615-622	2.3	21
41	The impact of glistenings on the optical quality of a hydrophobic acrylic intraocular lens. <i>Journal of Cataract and Refractive Surgery</i> , <b>2019</b> , 45, 1020-1025	2.3	19
40	Failed treatment of long bone nonunions with low intensity pulsed ultrasound. <i>Archives of Orthopaedic and Trauma Surgery</i> , <b>2016</b> , 136, 1121-34	3.6	15
39	The Effect of a Spectral Filter on Visual Quality in Patients with an Extended-Depth-Of-Focus Intraocular Lens. <i>American Journal of Ophthalmology</i> , <b>2019</b> , 208, 56-63	4.9	14
38	Aesthetics of iris reconstruction with a custom-made artificial iris prosthesis. <i>PLoS ONE</i> , <b>2020</b> , 15, e0237616	3.6	14
37	Reasons for explantation, demographics, and material analysis of 200 intraocular lens explants. <i>Journal of Cataract and Refractive Surgery</i> , <b>2020</b> , 46, 20-26	2.3	12
36	Impact of Primary Calcification in Segmented Refractive Bifocal Intraocular Lenses on Optical Performance Including Straylight. <i>Journal of Refractive Surgery</i> , <b>2020</b> , 36, 20-27	3.3	11
35	Microscopic Characteristics of Late Intraocular Lens Opacifications. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2021</b> , 145, 759-767	5	11
34	Functional Outcomes and Reading Performance After Combined Implantation of a Small-Aperture Lens and a Segmental Refractive Bifocal Lens. <i>Journal of Refractive Surgery</i> , <b>2019</b> , 35, 551-558	3.3	10
33	A review of late intraocular lens opacifications. <i>Current Opinion in Ophthalmology</i> , <b>2021</b> , 32, 31-44	5.1	10
32	Trifocality Achieved Through Polypseudophakia: Optical Quality and Light Loss Compared With a Single Trifocal Intraocular Lens. <i>Journal of Refractive Surgery</i> , <b>2020</b> , 36, 570-577	3.3	9
31	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> , <b>2016</b> , 12, 1339-46	2.9	9
30	Ray propagation imaging and optical quality evaluation of different intraocular lens models. <i>PLoS ONE</i> , <b>2020</b> , 15, e0228342	3.7	8
29	In vitro optical quality assessment of a monofocal IOL sutured to an artificial iris. <i>Journal of Cataract and Refractive Surgery</i> , <b>2020</b> , 46, 1184-1188	2.3	8

28	Glistening formation in a new hydrophobic acrylic intraocular lens. <i>BMC Ophthalmology</i> , <b>2020</b> , 20, 186	2.3	7
27	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> , <b>2019</b> , 13, 46-49	1.3	6
26	First Results of a New Hyperaspheric Add-on Intraocular Lens Approach Implanted in Pseudophakic Patients with Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , <b>2018</b> , 2, 900-905	3.8	5
25	Quantification of the In Vitro Predisposition to Glistening Formation in One Manufacturer's Acrylic Intraocular Lenses Made in Different Decades. <i>Ophthalmology and Therapy</i> , <b>2021</b> , 10, 165-174	5	5
24	Ab interno gel implant in patients with primary open angle glaucoma and pseudoexfoliation glaucoma. <i>BMC Ophthalmology</i> , <b>2018</b> , 18, 339	2.3	5
23	Dispersive viscosurgical devices demonstrate greater efficacy in protecting corneal endothelium in vitro. <i>BMJ Open Ophthalmology</i> , <b>2019</b> , 4, e000227	3.2	4
22	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> , <b>2020</b> , 18, 100673	1.3	4
21	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> , <b>2016</b> , 13, 306-12	1.6	4
20	Clinical Application of Infrared-Light Microperimetry in the Assessment of Scotopic-Eye Sensitivity. <i>Translational Vision Science and Technology</i> , <b>2020</b> , 9, 7	3.3	4
19	Variation in intraocular lens calcification under different environmental conditions in eyes with supplementary sulcus-supported lenses. <i>American Journal of Ophthalmology Case Reports</i> , <b>2020</b> , 19, 100797	1.3	4
18	Semi-fluorinated Alkane Eye Drops Reduce Signs and Symptoms of Evaporative Dry Eye Disease After Cataract Surgery. <i>Journal of Refractive Surgery</i> , <b>2020</b> , 36, 474-480	3.3	3
17	Simulations of Decentration and Tilt of a Supplementary Sulcus-Fixated Intraocular Lens in a Polypseudophakic Combination Using Ray-Tracing Software. <i>Photonics</i> , <b>2021</b> , 8, 309	2.2	3
16	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> , <b>2020</b> , 20, 100957	1.3	2
15	Laboratory Investigation of Preclinical Visual-Quality Metrics and Halo-Size in Enhanced Monofocal Intraocular Lenses. <i>Ophthalmology and Therapy</i> , <b>2021</b> , 10, 1093-1104	5	2
14	A pinhole implant to correct postoperative residual refractive error in an RK cataract patient. <i>American Journal of Ophthalmology Case Reports</i> , <b>2020</b> , 20, 100890	1.3	2
13	Duet procedure to achieve reversible trifocality in a young patient with hereditary hyperferritinemia-cataract syndrome. <i>American Journal of Ophthalmology Case Reports</i> , <b>2021</b> , 21, 101026	1.3	2
12	Laboratory evaluation of higher-order aberrations and light scattering in explanted opacified intraocular lenses. <i>Eye and Vision (London, England)</i> , <b>2021</b> , 8, 14	4.9	2
11	Quantitative evaluation of microvacuole formation in five intraocular lens models made of different hydrophobic materials. <i>PLoS ONE</i> , <b>2021</b> , 16, e0250860	3.7	2

10	Laboratory analysis and ray visualization of diffractive optics with enhanced intermediate vision. <i>BMC Ophthalmology</i> , <b>2021</b> , 21, 197	2.3	2
9	A Novel Approach for Assessing Visual Impairment Caused by Intraocular Lens Opacification: High-Resolution Optical Coherence Tomography. <i>American Journal of Ophthalmology</i> , <b>2021</b> , 226, 108-116	4.9	2
8	Reasons for explantation of phakic intraocular lenses and associated perioperative complications: cross-sectional explant registry analysis. <i>BMC Ophthalmology</i> , <b>2021</b> , 21, 80	2.3	2
7	Preloaded injectors used in a clinical study: videographic assessment and laboratory analysis of injector nozzle damage. <i>Journal of Cataract and Refractive Surgery</i> , <b>2021</b> , 47, 1338-1344	2.3	2
6	Reply to Comment on: The Effect of a Spectral Filter on Visual Quality in Patients with an Extended-Depth-of-Focus Intraocular Lens. <i>American Journal of Ophthalmology</i> , <b>2020</b> , 213, 322	4.9	1
5	Laboratory and Clinical Experience With a Diffractive Trifocal Intraocular Lens Sutured to an Artificial Iris.. <i>Journal of Refractive Surgery</i> , <b>2022</b> , 38, 61-68	3.3	1
4	Visualization of Forward Light Scatter in Opacified Intraocular Lenses and Straylight Assessment. <i>Diagnostics</i> , <b>2021</b> , 11,	3.8	1
3	Optical function of intraocular lenses in different opacification patterns: metrology analysis of 67 explants. <i>Journal of Cataract and Refractive Surgery</i> , <b>2021</b> , 47, 1210-1217	2.3	1
2	High-addition segmented refractive bifocal intraocular lens in inactive age-related macular degeneration: A multicenter pilot study. <i>PLoS ONE</i> , <b>2021</b> , 16, e0256985	3.7	0
1	Development of a standardized in vitro model to reproduce hydrophilic acrylic intraocular lens calcification.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7685	4.9	0