

# Ramin Khoramnia

## 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.

128  
papers

1,462  
citations

19  
h-index

30  
g-index

206  
ext. papers

2,138  
ext. citations

3.2  
avg, IF

5.32  
L-index

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 128 | Efficacy, durability, and safety of intravitreal faricimab up to every 16 weeks for neovascular age-related macular degeneration (TENAYA and LUCERNE): two randomised, double-masked, phase 3, non-inferiority trials.. <i>Lancet, The</i> , <b>2022</b> , | 4.0 | 15        |
| 127 | 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         |
| 126 | Refractive Outcomes after Cataract Surgery.. <i>Diagnostics</i> , <b>2022</b> , 12,  | 3.8 | 2         |
| 125 | Diagnostic imaging techniques in patient with liquefied aftercataract imitating intraocular lens opacification.. <i>American Journal of Ophthalmology Case Reports</i> , <b>2022</b> , 25, 101262  | 1.3 |           |
| 124 | Infrared- and white-light retinal sensitivity in glaucomatous neuropathy.. <i>Scientific Reports</i> , <b>2022</b> , 12, 1961  | 4.9 | 0         |
| 123 | Presbyopia correction after previous Intracor treatment: Combined implantation of a small-aperture and a non-diffractive extended-depth-of-focus lens.. <i>American Journal of Ophthalmology Case Reports</i> , <b>2022</b> , 25, 101398                   | 1.3 | 0         |
| 122 | Traumatic iridodialysis and mydriasis: Surgical reconstruction of the iris-lens-diaphragm with an iris implant and Intraocular lens.. <i>American Journal of Ophthalmology Case Reports</i> , <b>2022</b> , 26, 101545                                     | 1.3 |           |
| 121 | Monofocal intraocular lens with enhanced intermediate function as substitute for multifocal intraocular lens in positive dysphotopsia.. <i>American Journal of Ophthalmology Case Reports</i> , <b>2022</b> , 26, 101511                                   | 1.3 | 0         |
| 120 | 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         |
| 119 | Automated vessel centerline extraction and diameter measurement in OCT Angiography. <i>Current Directions in Biomedical Engineering</i> , <b>2021</b> , 7, 195-198   | 0.5 |           |
| 118 | Investigation on Non-Segmentation Based Algorithms for Microvasculature Quantification in OCTA Images. <i>Current Directions in Biomedical Engineering</i> , <b>2021</b> , 7, 247-250  | 0.5 |           |
| 117 | Pupil dynamics after in-the-bag versus anterior and retropupillary iris-fixated intraocular lens implantation. <i>Scientific Reports</i> , <b>2021</b> , 11, 21436   | 4.9 | 0         |
| 116 | Silicone Oil Adhesion to Hydrophobic Acrylic Intraocular Lenses: A Comparative Laboratory Study of a New versus an Established Hydrophobic Acrylic Intraocular Lens Material. <i>Journal of Ophthalmology</i> , <b>2021</b> , 2021, 1387987                | 2   |           |
| 115 | Detecting subclinical keratoconus by biomechanical analysis in tomographically regular keratoconus fellow eyes. <i>European Journal of Ophthalmology</i> , <b>2021</b> , 11206721211063740   | 1.9 | 0         |
| 114 | Microscopic Characteristics of Late Intraocular Lens Opacifications. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2021</b> , 145, 759-767   | 5   | 11        |
| 113 | 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         |
| 112 | Open Globe Injuries: Classifications and Prognostic Factors for Functional Outcome. <i>Diagnostics</i> , <b>2021</b> , 11,   | 3.8 | 1         |

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| 111 | Ellipsoid Zone Integrity and Visual Acuity Changes during Diabetic Macular Edema Therapy: A Longitudinal Study. <i>Journal of Diabetes Research</i> , <b>2021</b> , 2021, 8117650  | 3.9 | 2  |
| 110 | THE LOSS OF INFRARED LIGHT SENSITIVITY OF PHOTORECEPTOR CELLS MEASURED WITH TWO-PHOTON EXCITATION AS AN INDICATOR OF DIABETIC RETINOPATHY: A Pilot Study. <i>Retina</i> , <b>2021</b> , 41, 1302-1308                          | 3.6 | 3  |
| 109 | A review of late intraocular lens opacifications. <i>Current Opinion in Ophthalmology</i> , <b>2021</b> , 32, 31-44  | 5.1 | 10 |
| 108 | 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  |
| 107 | In-vitro glistening formation in six different foldable hydrophobic intraocular lenses. <i>BMC Ophthalmology</i> , <b>2021</b> , 21, 126   | 2.3 | 2  |
| 106 | Eintrübung von Intraokularlinsen. <i>Augenheilkunde Up2date</i> , <b>2021</b> , 11, 151-162  | 0.1 |    |
| 105 | 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  |
| 104 | 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  |
| 103 | Central and mid-peripheral corneal astigmatism in an elderly population: a retrospective analysis of Scheimpflug topography results. <i>Scientific Reports</i> , <b>2021</b> , 11, 7968  | 4.9 | 2  |
| 102 | Laboratory analysis and ray visualization of diffractive optics with enhanced intermediate vision. <i>BMC Ophthalmology</i> , <b>2021</b> , 21, 197  | 2.3 | 2  |
| 101 | Comparative analysis of in vitro accelerated glistening formation in foldable hydrophobic intraocular lenses. <i>International Ophthalmology</i> , <b>2021</b> , 41, 3073-3080   | 2.2 | 0  |
| 100 | Corneal Incision Enlargement in Two Preloaded Intraocular Lens Injectors: An Intraindividual In Vivo Study. <i>Journal of Refractive Surgery</i> , <b>2021</b> , 37, 331-336   | 3.3 | 2  |
| 99  | Stability and Visual Outcomes of the Capsulotomy-Fixated FEMTIS-IOL After Automated Femtosecond Laser-Assisted Anterior Capsulotomy. <i>American Journal of Ophthalmology</i> , <b>2021</b> , 225, 27-37                       | 4.9 | 4  |
| 98  | The impact of vitrectomy on outcomes achieved with 0.19 mg fluocinolone acetonide implant in patients with diabetic macular edema. <i>European Journal of Ophthalmology</i> , <b>2021</b> , 11206721211014728                  | 1.9 | 1  |
| 97  | 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  |
| 96  | Bilateral Artificial Iris implantation in patients with bilateral iris defects. <i>American Journal of Ophthalmology Case Reports</i> , <b>2021</b> , 22, 101108   | 1.3 | 3  |
| 95  | Unilateral implantation of a new non-diffractive extended range-of-vision IOL in a young patient with Curschmann-Steinert myotonic dystrophy. <i>American Journal of Ophthalmology Case Reports</i> , <b>2021</b> , 22, 101109 | 1.3 | 5  |
| 94  | Injection time related to intraocular pressure using a CO2 driven preloaded injector: An experimental laboratory study. <i>PLoS ONE</i> , <b>2021</b> , 16, e0254901   | 3.7 |    |

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| 93 | Complete anterior segment reconstruction: Corneal transplantation and implantation of an iris prosthesis and IOL in a single surgery. <i>European Journal of Ophthalmology</i> , <b>2021</b> , 31, 3300-3308   | 1.9 | 6 |
| 92 | 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 |
| 91 | "Double Prosthesis Implantation": Biometry and Refractive Outcomes in Combined Intraocular Lens and Artificial Iris Surgery. <i>Clinical Ophthalmology</i> , <b>2021</b> , 15, 799-805   | 2.5 | 5 |
| 90 | Progressive-toric IOL design reduces residual astigmatism with increasing pupil size: a ray-tracing simulation based on corneal topography data. <i>Biomedical Optics Express</i> , <b>2021</b> , 12, 1568-1576  | 3.5 | 3 |
| 89 | 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 |
| 88 | Visualization of Forward Light Scatter in Opacified Intraocular Lenses and Straylight Assessment. <i>Diagnostics</i> , <b>2021</b> , 11,   | 3.8 | 1 |
| 87 | 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 |
| 86 | Current Developments in Corneal Topography and Tomography. <i>Diagnostics</i> , <b>2021</b> , 11,  | 3.8 | 7 |
| 85 | Clinical Outcomes of Combined Implantation of an Extended Depth of Focus IOL and a Trifocal IOL in a Korean Population. <i>Journal of Ophthalmology</i> , <b>2021</b> , 2021, 9034258  | 2   | 0 |
| 84 | Clinical Outcomes of a New Hybrid Monofocal IOL With Extended Depth of Focus. <i>Journal of Refractive Surgery</i> , <b>2021</b> , 37, 601-608   | 3.3 | 0 |
| 83 | Intravitreal 0.19 mg Fluocinolone Acetonide Implant in Non-Infectious Uveitis. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,   | 5.1 | 3 |
| 82 | 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 |
| 81 | 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 |
| 80 | Chronic and Recurrent Herpes Zoster Ophthalmicus. <i>Medicina (Lithuania)</i> , <b>2021</b> , 57,  | 3.1 | 2 |
| 79 | 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 |
| 78 | 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 |
| 77 | 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 |
| 76 | 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 |

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| 75 | Ray propagation imaging and optical quality evaluation of different intraocular lens models. <i>PLoS ONE</i> , <b>2020</b> , 15, e0228342  | 3.7 | 8  |
| 74 | Laboratory evaluation of the optical properties of two extended-depth-of-focus intraocular lenses. <i>BMC Ophthalmology</i> , <b>2020</b> , 20, 53   | 2.3 | 13 |
| 73 | 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 |
| 72 | Preventing relapse in non-infectious uveitis affecting the posterior segment of the eye - evaluating the 0.2 µ/day fluocinolone acetonide intravitreal implant (ILUVIEN). <i>Journal of Ophthalmic Inflammation and Infection</i> , <b>2020</b> , 10, 32 | 2.3 | 4  |
| 71 | Complications of dexamethasone implants: risk factors, prevention, and clinical management. <i>International Journal of Ophthalmology</i> , <b>2020</b> , 13, 1612-1620  | 1.4 | 7  |
| 70 | 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  |
| 69 | Surgical Management for Silicone Oil Barrier of Traumatic Aniridia with Aphakia: Suturing of Temporary Iris-Diaphragm Prior to Final Iris-Lens-Diaphragm Implantation. <i>Clinical Ophthalmology</i> , <b>2020</b> , 14, 4439-4450                       | 2.5 | 4  |
| 68 | 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 |
| 67 | European, Multicenter, Prospective, Non-comparative Clinical Evaluation of an Extended Depth of Focus Intraocular Lens. <i>Journal of Refractive Surgery</i> , <b>2020</b> , 36, 426-434   | 3.3 | 9  |
| 66 | Comparison Between Bilateral Implantation of a Trifocal IOL and Mix-and-Match Implantation of a Bifocal IOL and an Extended Depth of Focus IOL. <i>Journal of Refractive Surgery</i> , <b>2020</b> , 36, 528-535   | 3.3 | 5  |
| 65 | 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  |
| 64 | 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  |
| 63 | 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 |
| 62 | 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  |
| 61 | 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  |
| 60 | Aesthetics of iris reconstruction with a custom-made artificial iris prosthesis. <i>PLoS ONE</i> , <b>2020</b> , 15, e0237616  | 3.1 | 14 |
| 59 | Bilateral implantation of +56 and +58 diopter custom-made intraocular lenses in patient with extreme nanophthalmos. <i>American Journal of Ophthalmology Case Reports</i> , <b>2020</b> , 20, 100963   | 1.3 | 1  |
| 58 | 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  |

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| 57 | Functional outcomes after combined iris and intraocular lens implantation in various iris and lens defects. <i>BMC Ophthalmology</i> , <b>2020</b> , 20, 370   | 2-3 | 7  |
| 56 | Three-year results from the Retro-IDEAL study: Real-world data from diabetic macular edema (DME) patients treated with ILUVIEN (0.19 mg fluocinolone acetonide implant). <i>European Journal of Ophthalmology</i> , <b>2020</b> , 30, 382-391              | 1-9 | 32 |
| 55 | Functional results and photic phenomena with new extended-depth-of-focus intraocular Lens. <i>BMC Ophthalmology</i> , <b>2019</b> , 19, 197  | 2-3 | 22 |
| 54 | Lenticular Imaging: A New Experimental and Quantitative Analysis of Capsular Dynamics, "Choi-Apple View". <i>Translational Vision Science and Technology</i> , <b>2019</b> , 8, 22   | 3-3 |    |
| 53 | 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 |
| 52 | 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  |
| 51 | Injectable 0.19-mg fluocinolone acetonide intravitreal implant for the treatment of non-infectious uveitic macular edema. <i>Journal of Ophthalmic Inflammation and Infection</i> , <b>2019</b> , 9, 3   | 2-3 | 14 |
| 50 | 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 |
| 49 | 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 |
| 48 | 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  |
| 47 | Residual Iris Retraction Syndrome After Artificial Iris Implantation. <i>American Journal of Ophthalmology</i> , <b>2019</b> , 199, 159-166  | 4-9 | 16 |
| 46 | Microbial keratitis-induced endophthalmitis: incidence, symptoms, therapy, visual prognosis and outcomes. <i>BMC Ophthalmology</i> , <b>2018</b> , 18, 112   | 2-3 | 15 |
| 45 | 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 |
| 44 | 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 |
| 43 | Longitudinal Chromatic Aberration and Polychromatic Image Quality Metrics of Intraocular Lenses. <i>Journal of Refractive Surgery</i> , <b>2018</b> , 34, 832-838  | 3-3 | 17 |
| 42 | Clinical outcomes after implantation of a toric intraocular lens with a transitional conic toric surface. <i>British Journal of Ophthalmology</i> , <b>2018</b> , 102, 313-316   | 5-5 | 11 |
| 41 | Opacification of hydrophilic intraocular lenses associated with vitrectomy and injection of intraocular gas. <i>BMJ Open Ophthalmology</i> , <b>2018</b> , 3, e000157  | 3-2 | 22 |
| 40 | Challenges and Complication Management in Novel Artificial Iris Implantation. <i>Journal of Ophthalmology</i> , <b>2018</b> , 2018, 3262068  | 2   | 21 |

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|----|---|-----|----|
| 39 | 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 |
| 38 | In vitro comparative optical bench analysis of a spherical and aspheric optic design of the same IOL model. <i>BMC Ophthalmology</i> , <b>2017</b> , 17, 9  | 2.3 | 6  |
| 37 | Hydrophilic intraocular lens opacification after posterior lamellar keratoplasty - a material analysis with special reference to optical quality assessment. <i>BMC Ophthalmology</i> , <b>2017</b> , 17, 150                           | 2.3 | 32 |
| 36 | Artificial iris implantation in various iris defects and lens conditions. <i>Journal of Cataract and Refractive Surgery</i> , <b>2017</b> , 43, 724-731   | 2.3 | 33 |
| 35 | In vitro optical quality measurements of three intraocular lens models having identical platform. <i>BMC Ophthalmology</i> , <b>2017</b> , 17, 108  | 2.3 | 19 |
| 34 | Clinical Evaluation of an Extended Depth of Focus Intraocular Lens With the Salzburg Reading Desk. <i>Journal of Refractive Surgery</i> , <b>2017</b> , 33, 664-669   | 3.3 | 39 |
| 33 | Laboratory Evaluation of the Influence of Decentration and Pupil Size on the Optical Performance of a Monofocal, Bifocal, and Trifocal Intraocular Lens. <i>Journal of Refractive Surgery</i> , <b>2017</b> , 33, 808-812               | 3.3 | 27 |
| 32 | Material Analysis of Spontaneously Subluxated Iris-Fixated Phakic Intraocular Lenses. <i>Journal of Refractive Surgery</i> , <b>2016</b> , 32, 618-25   | 3.3 | 5  |
| 31 | Clinical Evaluation of Reading Performance Using the Salzburg Reading Desk With a Refractive Rotational Asymmetric Multifocal Intraocular Lens. <i>Journal of Refractive Surgery</i> , <b>2016</b> , 32, 526-32                         | 3.3 | 14 |
| 30 | Clinical Evaluation of Functional Vision of +1.5 Diopters near Addition, Aspheric, Rotational Asymmetric Multifocal Intraocular Lens. <i>Korean Journal of Ophthalmology: KJO</i> , <b>2016</b> , 30, 382-389                           | 1.2 | 9  |
| 29 | In Vivo Imaging of Intraocular Fluidics in Vitrectomized Swine Eyes Using a Digital Fluoroscopy System. <i>Journal of Ophthalmology</i> , <b>2016</b> , 2016, 9695165   | 2   | 6  |
| 28 | Impact of Indocyanine Green Concentration, Exposure Time, and Degree of Dissolution in Creating Toxic Anterior Segment Syndrome: Evaluation in a Rabbit Model. <i>Journal of Ophthalmology</i> , <b>2016</b> , 2016, 3827050            | 2   | 5  |
| 27 | Long-term outcomes of intrastromal femtosecond laser presbyopia correction: 3-year results. <i>British Journal of Ophthalmology</i> , <b>2016</b> , 100, 1536-1541  | 5.5 | 11 |
| 26 | Near and intermediate visual and reading performance of patients with a multifocal apodized diffractive intraocular lens using an electronic reading desk. <i>Journal of Cataract and Refractive Surgery</i> , <b>2016</b> , 42, 582-90 | 2.3 | 13 |
| 25 | Rotation and decentration of an undersized plate-haptic trifocal toric intraocular lens in an eye with moderate myopia. <i>Journal of Cataract and Refractive Surgery</i> , <b>2016</b> , 42, 489-93                                    | 2.3 | 5  |
| 24 | Intrastromal femtosecond laser surgical compensation of presbyopia with six intrastromal ring cuts: 3-year results. <i>British Journal of Ophthalmology</i> , <b>2015</b> , 99, 170-6   | 5.5 | 12 |
| 23 | Optical and material analysis of opacified hydrophilic intraocular lenses after explantation: a laboratory study. <i>BMC Ophthalmology</i> , <b>2015</b> , 15, 170  | 2.3 | 28 |
| 22 | Intraocular Lens Opacification Following Intracameral Injection of Recombinant Tissue Plasminogen Activator to Treat Inflammatory Membranes after Cataract Surgery. <i>Journal of Ophthalmology</i> , <b>2015</b> , 2015, 975075        | 2   | 15 |

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| 21 | Near and intermediate reading performance of a diffractive trifocal intraocular lens using a reading desk. <i>Journal of Cataract and Refractive Surgery</i> , <b>2015</b> , 41, 2707-14   | 2.3  | 26 |
| 20 | High order aberration and straylight evaluation after cataract surgery with implantation of an aspheric, aberration correcting monofocal intraocular lens. <i>International Journal of Ophthalmology</i> , <b>2015</b> , 8, 736-41 | 1.4  | 6  |
| 19 | Safety, efficacy, predictability and stability of laser in situ keratomileusis (LASIK) with a 1000-Hz scanning spot excimer laser. <i>Acta Ophthalmologica</i> , <b>2012</b> , 90, 508-13  | 3.7  | 8  |
| 18 | Implantation of a multifocal toric intraocular lens with a surface-embedded near segment after repeated LASIK treatments. <i>Journal of Cataract and Refractive Surgery</i> , <b>2012</b> , 38, 2049-52                            | 2.3  | 18 |
| 17 | Precision, morphology, and histology of corneal flap cuts using a 200-kHz femtosecond laser. <i>European Journal of Ophthalmology</i> , <b>2012</b> , 22, 161-7  | 1.9  | 11 |
| 16 | First clinical results with a new 200 kHz femtosecond laser system. <i>British Journal of Ophthalmology</i> , <b>2012</b> , 96, 788-92   | 5.5  | 5  |
| 15 | Cataract is a self-defence reaction to protect the retina from oxidative damage. <i>Medical Hypotheses</i> , <b>2011</b> , 76, 741-4   | 3.8  | 16 |
| 14 | Nearly an eye-catcher. <i>Lancet, The</i> , <b>2011</b> , 377, 1599  | 4.0  |    |
| 13 | Purtscher-like retinopathy caused by acute pancreatitis. <i>Lancet, The</i> , <b>2011</b> , 378, 1653  | 4.0  | 8  |
| 12 | Primary signet ring cell carcinoma of the eyelid in a young woman. <i>Eye</i> , <b>2011</b> , 25, 1380-2   | 4.4  | 11 |
| 11 | Neurosensory retinal detachment due to sunitinib treatment. <i>Eye</i> , <b>2011</b> , 25, 1517-8  | 4.4  | 16 |
| 10 | Corneal collagen crosslinking in post-LASIK keratectasia. <i>British Journal of Ophthalmology</i> , <b>2011</b> , 95, 493-5  | 5.5  | 56 |
| 9  | EpiLASIK with mitomycin C. <i>European Journal of Ophthalmology</i> , <b>2010</b> , 20, 55-61  | 1.9  | 4  |
| 8  | Images in clinical medicine: Subconjunctival <i>Dirofilaria repens</i> . <i>New England Journal of Medicine</i> , <b>2010</b> , 363, e37   | 59.2 | 7  |
| 7  | First clinical results of epithelial laser in situ keratomileusis with a 1000 Hz excimer laser. <i>Journal of Cataract and Refractive Surgery</i> , <b>2010</b> , 36, 449-55   | 2.3  | 6  |
| 6  | Effect of 3 excimer laser ablation frequencies (200 Hz, 500 Hz, 1000 Hz) on the cornea using a 1000 Hz scanning-spot excimer laser. <i>Journal of Cataract and Refractive Surgery</i> , <b>2010</b> , 36, 1385-91                  | 2.3  | 5  |
| 5  | Clinical results with the light adjustable intraocular lens after cataract surgery. <i>Journal of Refractive Surgery</i> , <b>2010</b> , 26, 314-20  | 3.3  | 13 |
| 4  | Comparison of different excimer laser ablation frequencies (50, 200, and 500 Hz). <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , <b>2009</b> , 247, 1539-45   | 3.8  | 11 |



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|---|---|-----|-----|
| 3 | Central and peripheral pachymetry measurements according to age using the Pentacam rotating Scheimpflug camera. <i>Journal of Cataract and Refractive Surgery</i> , <b>2007</b> , 33, 830-6 | 2.3 | 81  |
| 2 | Anterior chamber measurements using Pentacam rotating Scheimpflug camera. <i>Journal of Cataract and Refractive Surgery</i> , <b>2006</b> , 32, 456-9                                       | 2.3 | 163 |
| 1 | Traumatischer Irisverlust: Implantation einer künstlichen Iris zur Wiederherstellung von Funktion und Ästhetik. <i>Spektrum Der Augenheilkunde</i> , 1                                      | 0   |     |