

Kevin M Miller

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

2,925
citations

196777

29
h-index

198040

52
g-index

122
all docs

122
docs citations

122
times ranked

1698
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Results of the United States Food and Drug Administration Clinical Trial of the CustomFlex Artificial Iris. <i>Ophthalmology</i> , 2022, 129, 614-625. | 2.5 | 10 |
| 2 | Comprehensive Adult Medical Eye Evaluation Preferred Practice Pattern®. <i>Ophthalmology</i> , 2021, 128, P1-P29. | 2.5 | 11 |
| 3 | Experimental study of occlusion break surge volume in 3 different phacoemulsification systems. <i>Journal of Cataract and Refractive Surgery</i> , 2021, 47, 1466-1472. | 0.7 | 8 |
| 4 | Management of common iatrogenic iris defects induced by cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2021, 47, 522-532. | 0.7 | 7 |
| 5 | Complications of Cosmetic Artificial Iris Implantation and Post Explantation Outcomes. <i>American Journal of Ophthalmology</i> , 2021, 226, 156-164. | 1.7 | 9 |
| 6 | Outcomes of Resident-Performed FS-LASIK for Myopia and Myopic Astigmatism. <i>Journal of Refractive Surgery</i> , 2021, 37, 545-551. | 1.1 | 2 |
| 7 | Artificial iris exchange. <i>Journal of Cataract and Refractive Surgery</i> , 2020, 46, 1630-1636. | 0.7 | 4 |
| 8 | Preventing confusion between iris color-changing implants and therapeutic iris prostheses. <i>Journal of Cataract and Refractive Surgery</i> , 2020, 46, 804-805. | 0.7 | 1 |
| 9 | Safety and efficacy of custom foldable silicone artificial iris implantation: prospective compassionate-use case series. <i>Journal of Cataract and Refractive Surgery</i> , 2020, 46, 893-901. | 0.7 | 21 |
| 10 | Safety and Efficacy of Colored Iris Reconstruction Lens Implantation. <i>American Journal of Ophthalmology</i> , 2020, 216, 174-185. | 1.7 | 7 |
| 11 | Sutured Custom Foldable Silicone Artificial Iris Implantation Combined With Intraocular Lens Implantation and Penetrating Keratoplasty. <i>Cornea</i> , 2020, Publish Ahead of Print, 1236-1247. | 0.9 | 4 |
| 12 | Mechanical model of human eye compliance for volumetric occlusion break surge measurements. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 231-236. | 0.7 | 11 |
| 13 | Phacoemulsifier occlusion break surge volume reduction. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 1491-1496. | 0.7 | 15 |
| 14 | Aqueous volume loss associated with occlusion break surge in phacoemulsifiers from 4 different manufacturers. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 884-888. | 0.7 | 11 |
| 15 | Safety and efficacy of black iris diaphragm intraocular lens implantation in eyes with large iris defects: Report 4. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 686-700. | 0.7 | 19 |
| 16 | Lessons Learned from Implantation of Morcher 50D and 96S Artificial Iris Diaphragms. <i>Case Reports in Ophthalmology</i> , 2018, 8, 527-534. | 0.3 | 6 |
| 17 | Outcomes of cataract surgery in eyes with ocular melanoma treated with iodine-125 brachytherapy. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 287-294. | 0.7 | 3 |
| 18 | Vancomycin-Associated Hemorrhagic Occlusive Retinal Vasculitis. <i>Ophthalmology</i> , 2017, 124, 583-595. | 2.5 | 128 |

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|----|--|-----|-----------|
| 19 | Cataract in the Adult Eye Preferred Practice Pattern®. Ophthalmology, 2017, 124, P1-P119. | 2.5 | 183 |
| 20 | The economics of femtosecond laser-assisted cataract surgery. Current Opinion in Ophthalmology, 2016, 27, 76-81. | 1.3 | 25 |
| 21 | November consultation #7. Journal of Cataract and Refractive Surgery, 2016, 42, 1689-1690. | 0.7 | 0 |
| 22 | Outcomes of implantation of modified capsule tension rings with multiple black occluder paddles for eyes with congenital and acquired iris defects: Report 3. Journal of Cataract and Refractive Surgery, 2016, 42, 870-878. | 0.7 | 11 |
| 23 | Cataract surgery and nonsteroidal antiinflammatory drugs. Journal of Cataract and Refractive Surgery, 2016, 42, 1368-1379. | 0.7 | 71 |
| 24 | Suprachoroidal hemorrhage during femtosecond laser assisted cataract surgery. American Journal of Ophthalmology Case Reports, 2016, 4, 45-46. | 0.4 | 8 |
| 25 | The Role of Subtractive Color Mixing in the Perception of Blue Nevi and Veins”Beyond the Tyndall Effect. JAMA Dermatology, 2016, 152, 1167. | 2.0 | 5 |
| 26 | Experimental anterior chamber maintenance in active versus passive phacoemulsification fluidics systems. Journal of Cataract and Refractive Surgery, 2016, 42, 157-162. | 0.7 | 32 |
| 27 | Outcomes of a modified capsular tension ring with a single black occluder paddle for eyes with congenital and acquired iris defects: Report 2. Journal of Cataract and Refractive Surgery, 2015, 41, 1934-1944. | 0.7 | 10 |
| 28 | November consultation #4. Journal of Cataract and Refractive Surgery, 2014, 40, 1932. | 0.7 | 0 |
| 29 | July consultation #6. Journal of Cataract and Refractive Surgery, 2014, 40, 1243-1244. | 0.7 | 0 |
| 30 | Thermal imaging comparison of Signature, Infiniti, and Stellaris phacoemulsification systems. BMC Ophthalmology, 2013, 13, 53. | 0.6 | 8 |
| 31 | July consultation #9. Journal of Cataract and Refractive Surgery, 2013, 39, 1128. | 0.7 | 1 |
| 32 | Confirmation and refinement of the Diehl-Miller nomogram for intraocular lens power calculation after laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 2013, 39, 745-751. | 0.7 | 8 |
| 33 | May consultation #7. Journal of Cataract and Refractive Surgery, 2013, 39, 814. | 0.7 | 0 |
| 34 | Reply. Journal of Cataract and Refractive Surgery, 2013, 39, 1791-1792. | 0.7 | 0 |
| 35 | Laboratory analysis of phacoemulsifier compliance and capacity. Journal of Cataract and Refractive Surgery, 2012, 38, 2019-2028. | 0.7 | 10 |
| 36 | Astigmatism management at the time of cataract surgery. Expert Review of Ophthalmology, 2011, 6, 297-305. | 0.3 | 4 |

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|----|---|-----|-----------|
| 37 | April consultation #8. Journal of Cataract and Refractive Surgery, 2011, 37, 793-794. | 0.7 | 0 |
| 38 | Descemet Stripping Endothelial Keratoplasty After Ophtec 311 Iris Reconstruction Lens Implantation. Cornea, 2011, 30, 405-408. | 0.9 | 5 |
| 39 | Reply : Accuracy of Scheimpflug Holladay equivalent keratometry readings after corneal refractive surgery. Journal of Cataract and Refractive Surgery, 2010, 36, 183-184. | 0.7 | 1 |
| 40 | Reply : Comparison of fluidics systems of phacoemulsification machines. Journal of Cataract and Refractive Surgery, 2010, 36, 365-366. | 0.7 | 0 |
| 41 | Reply : Pupil size and Scheimpflug Holladay equivalent keratometry readings. Journal of Cataract and Refractive Surgery, 2010, 36, 184. | 0.7 | 0 |
| 42 | Multivariate nonparametric techniques for astigmatism analysis. Journal of Cataract and Refractive Surgery, 2010, 36, 594-602. | 0.7 | 6 |
| 43 | Outcomes of cataract extraction in seeing eyes of functionally monocular versus completely monocular patients. Journal of Cataract and Refractive Surgery, 2010, 36, 712-717. | 0.7 | 3 |
| 44 | The AcrySof Toric Intraocular Lens in Subjects with Cataracts and Corneal Astigmatism. Ophthalmology, 2010, 117, 2104-2111. | 2.5 | 242 |
| 45 | Pillows and Tape. Ophthalmic Surgery, Lasers and Imaging, 2010, , 1-3. | 0.5 | 1 |
| 46 | Accuracy of Scheimpflug Holladay equivalent keratometry readings after corneal refractive surgery. Journal of Cataract and Refractive Surgery, 2009, 35, 1198-1203. | 0.7 | 42 |
| 47 | Upside-down vitreolysis. Journal of Cataract and Refractive Surgery, 2009, 35, 1329-1331. | 0.7 | 0 |
| 48 | Comparison of vacuum rise time, vacuum limit accuracy, and occlusion break surge of 3 new phacoemulsification systems. Journal of Cataract and Refractive Surgery, 2009, 35, 1424-1429. | 0.7 | 16 |
| 49 | Complications of sulcus placement of single-piece acrylic intraocular lenses. Journal of Cataract and Refractive Surgery, 2009, 35, 1445-1458. | 0.7 | 165 |
| 50 | Functional visual outcomes of cataract surgery in patients with 20/20 or better preoperative visual acuity. Journal of Cataract and Refractive Surgery, 2009, 35, 1505-1508. | 0.7 | 22 |
| 51 | Intraocular lens power adjustment nomogram after laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 2009, 35, 1587-1590. | 0.7 | 19 |
| 52 | Heat production: Longitudinal versus torsional phacoemulsification. Journal of Cataract and Refractive Surgery, 2009, 35, 1799-1805. | 0.7 | 55 |
| 53 | Morcher Iris Reconstruction Lens and Rigid Contact Lens for Traumatic Aniridia. Eye and Contact Lens, 2009, 35, 108-110. | 0.8 | 19 |
| 54 | Correction of astigmatism at the time of cataract surgery. Current Opinion in Ophthalmology, 2009, 20, 19-24. | 1.3 | 92 |

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|----|--|-----|-----------|
| 55 | Comparison of Clinical and Patient-Reported Outcomes with Bilateral AcrySof Toric or Spherical Control Intraocular Lenses. <i>Journal of Refractive Surgery</i> , 2009, 25, 899-901. | 1.1 | 58 |
| 56 | July consultation # 3. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 1060-1061. | 0.7 | 0 |
| 57 | Interim results of a compassionate-use clinical trial of Morcher iris diaphragm implantation: Report 1. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 1674-1680. | 0.7 | 34 |
| 58 | August consultation #5. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 1234-1235. | 0.7 | 1 |
| 59 | October consultation # 10. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 1629-1630. | 0.7 | 0 |
| 60 | ASCRS White Paper: Clinical review of intraoperative floppy-iris syndrome. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 2153-2162. | 0.7 | 105 |
| 61 | Long-term Staar Toric Intraocular Lens Rotational Stability. <i>American Journal of Ophthalmology</i> , 2008, 146, 550-553.e2. | 1.7 | 34 |
| 62 | Clinical experience with intraoperative floppy-iris syndrome. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 1201-1209. | 0.7 | 73 |
| 63 | Functional and cosmetic outcomes of combined penetrating keratoplasty and iris reconstruction lens implantation in eyes with a history of trauma. <i>Journal of Cataract and Refractive Surgery</i> , 2007, 33, 808-814. | 0.7 | 23 |
| 64 | Prophylaxis of postoperative endophthalmitis after cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2007, 33, 1801-1805. | 0.7 | 146 |
| 65 | In Water Thermal Imaging Comparison of the Alcon Legacy and AMO Sovereign Phacoemulsification Systems. <i>Open Ophthalmology Journal</i> , 2007, 2, 20-26. | 0.1 | 2 |
| 66 | Cataract Surgery Takes Longer in Functionally Monocular Patients. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2007, 38, 23-26. | 0.4 | 1 |
| 67 | Efficacy and Safety of Cataract Extraction with Negative Power Intraocular Lens Implantation. <i>Open Ophthalmology Journal</i> , 2007, 2, 15-19. | 0.1 | 7 |
| 68 | Implanting a Clear Intraocular Lens in One Eye and a Yellow Lens in the Other Eye: A Case Series. <i>American Journal of Ophthalmology</i> , 2006, 141, 957-958. | 1.7 | 25 |
| 69 | Bilateral blindness in a monocular patient after cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2005, 31, 438-440. | 0.7 | 7 |
| 70 | In-air thermal imaging comparison of Legacy AdvanTec, Millennium, and Sovereign WhiteStar phacoemulsification systems. <i>Journal of Cataract and Refractive Surgery</i> , 2005, 31, 1640-1647. | 0.7 | 30 |
| 71 | Pillow case. <i>Journal of Cataract and Refractive Surgery</i> , 2005, 31, 1824-1825. | 0.7 | 10 |
| 72 | CATARACT SURGICAL PROBLEM. <i>Journal of Cataract and Refractive Surgery</i> , 2005, 31, 1482-1483. | 0.7 | 0 |

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|----|---|-----|-----------|
| 73 | Interim results of the United States investigational device study of the Ophtec capsular tension ring. <i>Ophthalmology</i> , 2005, 112, 460-465. | 2.5 | 30 |
| 74 | Ophtec Iris Reconstruction Lens. <i>Ophthalmology</i> , 2005, 112, 1172-1172. | 2.5 | 1 |
| 75 | Preliminary Efficacy and Safety of Zero Diopter Lens Implantation in Highly Myopic Eyes. <i>American Journal of Ophthalmology</i> , 2005, 139, 914-915. | 1.7 | 14 |
| 76 | Explantation of an AcrySof Natural Intraocular Lens because of a Color Vision Disturbance. <i>American Journal of Ophthalmology</i> , 2005, 140, 941-942. | 1.7 | 34 |
| 77 | Ophtec iris reconstruction lens United States clinical trial phase I. <i>Ophthalmology</i> , 2004, 111, 1847-1852. | 2.5 | 43 |
| 78 | Functional visual outcomes of cataract extraction in monocular versus binocular patients. <i>American Journal of Ophthalmology</i> , 2004, 138, 125-132. | 1.7 | 20 |
| 79 | Outcomes of cataract extraction in functionally monocular patients. <i>Journal of Cataract and Refractive Surgery</i> , 2002, 28, 1348-1354. | 0.7 | 15 |
| 80 | Ophthalmology inpatient consultation. <i>Ophthalmology</i> , 2001, 108, 1505-1511. | 2.5 | 39 |
| 81 | Cataract surgery after retinal surgery. <i>Current Opinion in Ophthalmology</i> , 2001, 12, 196-201. | 1.3 | 1 |
| 82 | Phacoemulsification and lens implantation after scleral buckling surgery. <i>American Journal of Ophthalmology</i> , 2000, 129, 286-290. | 1.7 | 14 |
| 83 | Posterior dislocation of a plate-haptic silicone intraocular lens with large fixation holes. <i>Journal of Cataract and Refractive Surgery</i> , 2000, 26, 1428-1429. | 0.7 | 15 |
| 84 | Outcomes of cataract surgery in monocular patients. <i>Journal of Cataract and Refractive Surgery</i> , 2000, 26, 1631-1637. | 0.7 | 17 |
| 85 | Visual complaints associated with the AcrySof acrylic intraocular lens. <i>Journal of Cataract and Refractive Surgery</i> , 2000, 26, 1339-1345. | 0.7 | 64 |
| 86 | Digital overlay technique for documenting toric intraocular lens axis orientation. <i>Journal of Cataract and Refractive Surgery</i> , 2000, 26, 1496-1504. | 0.7 | 40 |
| 87 | Randomized clinical comparison of Healon GV and Viscoat 1. <i>Journal of Cataract and Refractive Surgery</i> , 1999, 25, 1630-1636. | 0.7 | 25 |
| 88 | Long-term intraocular pressure changes after phacoemulsification. <i>Journal of Cataract and Refractive Surgery</i> , 1999, 25, 1560. | 0.7 | 3 |
| 89 | Phacoemulsification and lens implantation after pars plana vitrectomy. <i>Ophthalmology</i> , 1998, 105, 287-294. | 2.5 | 112 |
| 90 | Phacoemulsification and lens implantation in patients treated with aspirin or warfarin. <i>Journal of Cataract and Refractive Surgery</i> , 1998, 24, 1361-1364. | 0.7 | 47 |

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|-----|---|-----|-----------|
| 91 | Intraocular pressure change after sutureless phacoemulsification and foldable posterior chamber lens implantation. <i>Journal of Cataract and Refractive Surgery</i> , 1998, 24, 256-262. | 0.7 | 93 |
| 92 | Corneal Endothelial Toxicity of Topical Anesthesia. <i>Ophthalmology</i> , 1997, 104, 1373-1379. | 2.5 | 107 |
| 93 | Corneal Astigmatism After Phacoemulsification and Lens Implantation Through Unsutured Scleral and Corneal Tunnel Incisions. <i>American Journal of Ophthalmology</i> , 1996, 121, 57-64. | 1.7 | 48 |
| 94 | Bacterial Endophthalmitis Following Sutureless Cataract Surgery-Reply. <i>JAMA Ophthalmology</i> , 1994, 112, 301. | 2.6 | 0 |
| 95 | Phacoemulsification in the standing position with loupe magnification and headlamp illumination. <i>Journal of Cataract and Refractive Surgery</i> , 1994, 20, 353-354. | 0.7 | 20 |
| 96 | Stretch Pupilloplasty for Small Pupil Phacoemulsification. <i>American Journal of Ophthalmology</i> , 1994, 117, 107-108. | 1.7 | 44 |
| 97 | Intraocular Lens Rotation as an Aid in Subincisional Cortex Removal. <i>American Journal of Ophthalmology</i> , 1994, 118, 525-526. | 1.7 | 0 |
| 98 | A Gyroscope Deviometer for Measurement of Strabismus. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 1994, 31, 251-255. | 0.3 | 0 |
| 99 | Unsuspected Glove Perforation During Ophthalmic Surgery. <i>JAMA Ophthalmology</i> , 1993, 111, 186. | 2.6 | 20 |
| 100 | Bacterial Endophthalmitis Following Sutureless Cataract Surgery. <i>JAMA Ophthalmology</i> , 1993, 111, 377. | 2.6 | 50 |
| 101 | Glove Perforations in Ophthalmic Surgery. <i>American Journal of Ophthalmology</i> , 1993, 115, 266-267. | 1.7 | 0 |
| 102 | Retinoscopy with a Bent Filament. <i>American Journal of Ophthalmology</i> , 1990, 110, 431-432. | 1.7 | 0 |
| 103 | Aphakic Reading Adds. <i>Ophthalmology</i> , 1989, 96, 1253-1256. | 2.5 | 0 |
| 104 | The Clinical Appearance of the Lamina Cribrosa as a Function of the Extent of Glaucomatous Optic Nerve Damage. <i>Ophthalmology</i> , 1988, 95, 135-138. | 2.5 | 56 |
| 105 | The Wilmer Information System. <i>Ophthalmology</i> , 1988, 95, 403-409. | 2.5 | 19 |
| 106 | Intraocular Lens Style and Refraction in Eyes Treated With Silicone Oil. <i>JAMA Ophthalmology</i> , 1987, 105, 1385-1387. | 2.6 | 25 |
| 107 | Television Retinoscopy with a Slit-aperture Retinoscope and a Highly Sensitive Camera. <i>Ophthalmology</i> , 1987, 94, 22-27. | 2.5 | 3 |
| 108 | A Teaching Attachment for Retinoscopy. <i>Ophthalmology</i> , 1987, 94, 28-30. | 2.5 | 2 |