

Ashley Behrens

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

3,505
citations

236925

25
h-index

149698

56
g-index

70
all docs

70
docs citations

70
times ranked

2363
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Acute Endophthalmitis Following Cataract Surgery. JAMA Ophthalmology, 2005, 123, 613. | 2.4 | 548 |
| 2 | Dysfunctional Tear Syndrome. Cornea, 2006, 25, 900-907. | 1.7 | 450 |
| 3 | The Incidence of Endophthalmitis after Cataract Surgery among the U.S. Medicare Population Increased between 1994 and 2001. Ophthalmology, 2005, 112, 1388-1394. | 5.2 | 265 |
| 4 | Antimicrobial Efficacy of Riboflavin/UVA Combination (365 nm) In Vitro for Bacterial and Fungal Isolates: A Potential New Treatment for Infectious Keratitis. , 2008, 49, 3402. | | 219 |
| 5 | Posterior corneal curvature changes after myopic laser in situ keratomileusis. Ophthalmology, 2001, 108, 666-672. | 5.2 | 139 |
| 6 | Riboflavin and Ultraviolet Light A Therapy as an Adjuvant Treatment for Medically Refractive Acanthamoeba Keratitis. Ophthalmology, 2011, 118, 324-331. | 5.2 | 132 |
| 7 | Ingress of India Ink Into the Anterior Chamber Through Sutureless Clear Corneal Cataract Wounds. JAMA Ophthalmology, 2005, 123, 643. | 2.4 | 124 |
| 8 | Incidence of Acute Endophthalmitis Following Penetrating Keratoplasty. JAMA Ophthalmology, 2005, 123, 605. | 2.4 | 113 |
| 9 | Inflow of ocular surface fluid through clear corneal cataract incisions: a laboratory model. American Journal of Ophthalmology, 2004, 138, 206-210. | 3.3 | 109 |
| 10 | Autologous serum for ocular surface diseases. Arquivos Brasileiros De Oftalmologia, 2008, 71, 47-54. | 0.5 | 85 |
| 11 | Characteristics of Endophthalmitis after Cataract Surgery in the United States Medicare Population. Ophthalmology, 2015, 122, 1625-1632. | 5.2 | 83 |
| 12 | Inflow of Ocular Surface Fluid Into the Anterior Chamber After Phacoemulsification Through Sutureless Corneal Cataract Wounds. American Journal of Ophthalmology, 2005, 140, 737-740. | 3.3 | 80 |
| 13 | Experimental evaluation of two current-generation automated microkeratomes: the Hansatome and the Supratome. American Journal of Ophthalmology, 2000, 129, 59-67. | 3.3 | 73 |
| 14 | A Modified Chondroitin Sulfate Aldehyde Adhesive for Sealing Corneal Incisions. , 2005, 46, 1247. | | 71 |
| 15 | Evaluation of Corneal Flap Dimensions and Cut Quality Using the Automated Corneal Shaper Microkeratome. Journal of Refractive Surgery, 2000, 16, 83-89. | 2.3 | 59 |
| 16 | Postrefractive surgery dry eye. Current Opinion in Ophthalmology, 2008, 19, 335-341. | 2.9 | 56 |
| 17 | Corneal topography. Current Opinion in Ophthalmology, 1997, 8, 8-24. | 2.9 | 47 |
| 18 | A technique to harvest Descemet's membrane with viable endothelial cells for selective transplantation. American Journal of Ophthalmology, 2005, 139, 325-330. | 3.3 | 47 |

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|----|---|-----|-----------|
| 19 | Dynamics of Small-incision Clear Cornea Wounds After Phacoemulsification Surgery Using Optical Coherence Tomography in the Early Postoperative Period. <i>Journal of Refractive Surgery</i> , 2008, 24, 46-49. | 2.3 | 44 |
| 20 | Corneal wound healing is modulated by topical application of amniotic fluid in an ex vivo organ culture model. <i>Experimental Eye Research</i> , 2008, 87, 56-63. | 2.6 | 39 |
| 21 | Morphometric Analysis of Deposits in Granular and Lattice Corneal Dystrophy. <i>Cornea</i> , 2004, 23, 380-385. | 1.7 | 38 |
| 22 | Analysis of clear corneal incision integrity in an ex vivo model. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 1013-1018. | 1.5 | 37 |
| 23 | Clear corneal incision in cataract surgery. <i>Middle East African Journal of Ophthalmology</i> , 2014, 21, 25. | 0.3 | 33 |
| 24 | Autologous serum for ocular surface diseases. <i>Arquivos Brasileiros De Oftalmologia</i> , 2008, 71, 47-54. | 0.5 | 32 |
| 25 | Precision and accuracy of an artificial anterior chamber system in obtaining corneal lenticules for lamellar keratoplasty. <i>Journal of Cataract and Refractive Surgery</i> , 2001, 27, 1679-1687. | 1.5 | 28 |
| 26 | Modified Microkeratome-Assisted Posterior Lamellar Keratoplasty Using a Tissue Adhesive. <i>JAMA Ophthalmology</i> , 2006, 124, 210. | 2.4 | 27 |
| 27 | Sealing and Healing of Clear Corneal Incisions with an Improved Dextran Aldehyde-PEG Amine Tissue Adhesive. <i>Current Eye Research</i> , 2011, 36, 997-1004. | 1.5 | 27 |
| 28 | Changes of Posterior Corneal Astigmatism and Tilt After Myopic Laser In Situ Keratomileusis. <i>Cornea</i> , 2002, 21, 441-446. | 1.7 | 26 |
| 29 | Inhibition of Rabbit Keratocyte and Human Fetal Lens Epithelial Cell Proliferation by Retrovirus-Mediated Transfer of Antisense Cyclin G1 and Antisense MAT1 Constructs. <i>Human Gene Therapy</i> , 2000, 11, 1-8. | 2.7 | 25 |
| 30 | Use of Topical Human Amniotic Fluid in the Treatment of Acute Ocular Alkali Injuries in Mice. <i>American Journal of Ophthalmology</i> , 2006, 142, 271-278.e1. | 3.3 | 25 |
| 31 | Comparison of the anterior capsulotomy edge created by manual capsulorhexis and 2 femtosecond laser platforms: Scanning electron microscopy study. <i>Journal of Cataract and Refractive Surgery</i> , 2014, 40, 2106-2112. | 1.5 | 25 |
| 32 | Ocular Emergencies. <i>Medical Clinics of North America</i> , 2017, 101, 615-639. | 2.5 | 25 |
| 33 | Experimental 193-nm Excimer Laser Trephination with Divergent Cut Angles in Penetrating Keratoplasty. <i>Cornea</i> , 1998, 17, 410. | 1.7 | 25 |
| 34 | Causes of phakic implantable collamer lens explantation/exchange at king Khaled eye specialist hospital. <i>Middle East African Journal of Ophthalmology</i> , 2016, 23, 293. | 0.3 | 23 |
| 35 | Retroviral gene therapy vectors for prevention of excimer laser-induced corneal haze. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 968-77. | 3.3 | 22 |
| 36 | Corneal lenticule harvest using a microkeratome and an artificial anterior chamber system at high intrachamber pressure. <i>Journal of Cataract and Refractive Surgery</i> , 2002, 28, 860-865. | 1.5 | 20 |

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|----|--|-----|-----------|
| 37 | Proteomics of the aqueous humor in healthy New Zealand rabbits. <i>Proteomics</i> , 2007, 7, 4358-4375. | 2.2 | 19 |
| 38 | Standardized Seidel test to evaluate different sutureless cataract incision configurations. <i>Journal of Cataract and Refractive Surgery</i> , 2010, 36, 1011-1017. | 1.5 | 19 |
| 39 | Microkeratome-based limbal harvester for limbal stem cell transplantation: preliminary studies. <i>American Journal of Ophthalmology</i> , 2001, 131, 377-378. | 3.3 | 18 |
| 40 | Lens opacities after nonmechanical versus mechanical corneal trephination for keratoplasty in keratoconus. <i>Journal of Cataract and Refractive Surgery</i> , 2000, 26, 1605-1611. | 1.5 | 17 |
| 41 | Endothelial Lamellar Keratoplasty Using an Artificial Anterior Chamber and a Microkeratome. <i>JAMA Ophthalmology</i> , 2003, 121, 503. | 2.4 | 16 |
| 42 | A new donor cornea harvesting technique for posterior lamellar keratoplasty. <i>British Journal of Ophthalmology</i> , 2005, 89, 1100-1101. | 3.9 | 16 |
| 43 | Novel Laser-Activated Solder for Sealing Corneal Wounds. , 2007, 48, 1038. | | 16 |
| 44 | Consideration of the posterior corneal curvature for assessment of corneal power after myopic LASIK. <i>Acta Ophthalmologica</i> , 2004, 82, 264-269. | 0.3 | 15 |
| 45 | Analysis of protein composition of rabbit aqueous humor following two different cataract surgery incision procedures using 2-DE and LC-MS/MS. <i>Proteome Science</i> , 2011, 9, 8. | 1.7 | 15 |
| 46 | A Laboratory Model for Microkeratome-Assisted Posterior Lamellar Keratoplasty Utilizing a Running Graft Suture and a Sutureless Hinged Flap. <i>Cornea</i> , 2002, 21, 192-195. | 1.7 | 14 |
| 47 | Bacterial-sized particle inflow through sutured clear corneal incisions in a laboratory human model. <i>Journal of Cataract and Refractive Surgery</i> , 2011, 37, 1140-1146. | 1.5 | 12 |
| 48 | Sutured Clear Corneal Incision. <i>Cornea</i> , 2013, 32, 319-325. | 1.7 | 11 |
| 49 | Clinical features and visual outcomes of scleritis patients presented to tertiary care eye centers in Saudi Arabia. <i>International Journal of Ophthalmology</i> , 2015, 8, 1215-9. | 1.1 | 11 |
| 50 | Flap Quality in Single Versus Multiple Use of the Same Blade in the Flapmaker Microkeratome. <i>Journal of Refractive Surgery</i> , 2004, 20, 258-264. | 2.3 | 9 |
| 51 | Evaluation of a Microkeratome-based Limbal Harvester Device for Limbal Stem Cell Transplantation. <i>Cornea</i> , 2002, 21, 51-55. | 1.7 | 8 |
| 52 | Free-running erbium:YAG laser for nonmechanical trephination in penetrating keratoplasty: first results of experimental trephination of human donor corneas. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1999, 237, 875-877. | 1.9 | 7 |
| 53 | Effects of Topical Human Amniotic Fluid and Human Serum in a Mouse Model of Keratoconjunctivitis Sicca. <i>Cornea</i> , 2012, 31, 424-430. | 1.7 | 7 |
| 54 | Effect of topical bovine colostrum in wound healing of corneal surface after acute ocular alkali burn in mice. <i>Experimental Eye Research</i> , 2022, 220, 109093. | 2.6 | 7 |

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|----|---|-----|-----------|
| 55 | Infection with persister forms of <i>Staphylococcus aureus</i> causes a persistent skin infection with more severe lesions in mice: failure to clear the infection by the current standard of care treatment. <i>Discovery Medicine</i> , 2019, 28, 7-16. | 0.5 | 6 |
| 56 | Outcomes of different concentrations of human amniotic fluid in a keratoconjunctivitis sicca-induced mouse model. <i>International Ophthalmology</i> , 2016, 36, 643-650. | 1.4 | 5 |
| 57 | Determinants of visual outcomes in femtosecond laser assisted cataract surgery and phacoemulsification: A nested case control study. <i>Middle East African Journal of Ophthalmology</i> , 2015, 22, 356. | 0.3 | 5 |
| 58 | Corneal perforation during laser in situ keratomileusis after hyperopic electrothermal keratoplasty. <i>American Journal of Ophthalmology</i> , 2003, 135, 554-557. | 3.3 | 4 |
| 59 | Gene Therapy for the Prevention of Corneal Haze after Photorefractive/Phototherapeutic Keratectomy Excimer Laser Surgery. <i>Advances in Experimental Medicine and Biology</i> , 2002, 506, 1315-1321. | 1.6 | 3 |
| 60 | Fluorescence-guided laser removal of chemically damaged cornea. <i>Journal of Cataract and Refractive Surgery</i> , 2002, 28, 1847-1852. | 1.5 | 2 |
| 61 | Selective laser suture lysis with a compact, low-cost, red diode laser. , 2008, 2008, 4358-60. | | 2 |
| 62 | Flap quality in single versus multiple use of the same blade in the Flapmaker microkeratome. <i>Journal of Refractive Surgery</i> , 2004, 20, 258-64. | 2.3 | 2 |
| 63 | Líquido amniótico t³pico: uma potencial nova alternativa para doenÇas da superf3cie ocular. <i>Arquivos Brasileiros De Oftalmologia</i> , 2008, 71, 55-60. | 0.5 | 0 |
| 64 | Microkeratome-assisted posterior lamellar keratoplasty. , 2009, , 579-586. | | 0 |
| 65 | Bactericidal Efficacy of High Irradiance Ultraviolet A Photoactivation of Riboflavin Versus Standard Corneal Cross-Linking Protocol In Vitro. <i>Cornea</i> , 2022, Publish Ahead of Print, . | 1.7 | 0 |