

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	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
2	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
3	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
4	Ocular Emergencies. <i>Medical Clinics of North America</i> , 2017, 101, 615-639.	2.5	25
5	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
6	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
7	Characteristics of Endophthalmitis after Cataract Surgery in the United States Medicare Population. <i>Ophthalmology</i> , 2015, 122, 1625-1632.	5.2	83
8	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
9	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
10	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
11	Clear corneal incision in cataract surgery. <i>Middle East African Journal of Ophthalmology</i> , 2014, 21, 25.	0.3	33
12	Sutured Clear Corneal Incision. <i>Cornea</i> , 2013, 32, 319-325.	1.7	11
13	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
14	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
15	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
16	Riboflavin and Ultraviolet Light A Therapy as an Adjuvant Treatment for Medically Refractive Acanthamoeba Keratitis. <i>Ophthalmology</i> , 2011, 118, 324-331.	5.2	132
17	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
18	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

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19	Microkeratome-assisted posterior lamellar keratoplasty. , 2009 , 579-586.		0
20	Analysis of clear corneal incision integrity in an ex vivo model. Journal of Cataract and Refractive Surgery, 2008, 34, 1013-1018.	1.5	37
21	Corneal wound healing is modulated by topical application of amniotic fluid in an ex vivo organ culture model. Experimental Eye Research, 2008, 87, 56-63.	2.6	39
22	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
23	Selective laser suture lysis with a compact, low-cost, red diode laser. , 2008, 2008, 4358-60.		2
24	Postrefractive surgery dry eye. Current Opinion in Ophthalmology, 2008, 19, 335-341.	2.9	56
25	Autologous serum for ocular surface diseases. Arquivos Brasileiros De Oftalmologia, 2008, 71, 47-54.	0.5	85
26	Dynamics of Small-incision Clear Cornea Wounds After Phacoemulsification Surgery Using Optical Coherence Tomography in the Early Postoperative Period. Journal of Refractive Surgery, 2008, 24, 46-49.	2.3	44
27	Líquido amniótico típico: uma potencial nova alternativa para doenças da superfície ocular. Arquivos Brasileiros De Oftalmologia, 2008, 71, 55-60.	0.5	0
28	Autologous serum for ocular surface diseases. Arquivos Brasileiros De Oftalmologia, 2008, 71, 47-54.	0.5	32
29	Novel Laser-Activated Solder for Sealing Corneal Wounds. , 2007, 48, 1038.		16
30	Proteomics of the aqueous humor in healthy New Zealand rabbits. Proteomics, 2007, 7, 4358-4375.	2.2	19
31	Use of Topical Human Amniotic Fluid in the Treatment of Acute Ocular Alkali Injuries in Mice. American Journal of Ophthalmology, 2006, 142, 271-278.e1.	3.3	25
32	Dysfunctional Tear Syndrome. Cornea, 2006, 25, 900-907.	1.7	450
33	Modified Microkeratome-Assisted Posterior Lamellar Keratoplasty Using a Tissue Adhesive. JAMA Ophthalmology, 2006, 124, 210.	2.4	27
34	Incidence of Acute Endophthalmitis Following Penetrating Keratoplasty. JAMA Ophthalmology, 2005, 123, 605.	2.4	113
35	A new donor cornea harvesting technique for posterior lamellar keratoplasty. British Journal of Ophthalmology, 2005, 89, 1100-1101.	3.9	16
36	Ingress of India Ink Into the Anterior Chamber Through Sutureless Clear Corneal Cataract Wounds. JAMA Ophthalmology, 2005, 123, 643.	2.4	124

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37	A Modified Chondroitin Sulfate Aldehyde Adhesive for Sealing Corneal Incisions. , 2005, 46, 1247.		71
38	Acute Endophthalmitis Following Cataract Surgery. JAMA Ophthalmology, 2005, 123, 613.	2.4	548
39	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
40	A technique to harvest Descemetâ€™s membrane with viable endothelial cells for selective transplantation. American Journal of Ophthalmology, 2005, 139, 325-330.	3.3	47
41	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
42	Consideration of the posterior corneal curvature for assessment of corneal power after myopic LASIK. Acta Ophthalmologica, 2004, 82, 264-269.	0.3	15
43	Inflow of ocular surface fluid through clear corneal cataract incisions: a laboratory model. American Journal of Ophthalmology, 2004, 138, 206-210.	3.3	109
44	Morphometric Analysis of Deposits in Granular and Lattice Corneal Dystrophy. Cornea, 2004, 23, 380-385.	1.7	38
45	Flap Quality in Single Versus Multiple Use of the Same Blade in the Flapmaker Microkeratome. Journal of Refractive Surgery, 2004, 20, 258-264.	2.3	9
46	Flap quality in single versus multiple use of the same blade in the Flapmaker microkeratome. Journal of Refractive Surgery, 2004, 20, 258-64.	2.3	2
47	Corneal perforation during laser in situ keratomileusis after hyperopic electrothermal keratoplasty. American Journal of Ophthalmology, 2003, 135, 554-557.	3.3	4
48	Endothelial Lamellar Keratoplasty Using an Artificial Anterior Chamber and a Microkeratome. JAMA Ophthalmology, 2003, 121, 503.	2.4	16
49	A Laboratory Model for Microkeratome-Assisted Posterior Lamellar Keratoplasty Utilizing a Running Graft Suture and a Sutureless Hinged Flap. Cornea, 2002, 21, 192-195.	1.7	14
50	Changes of Posterior Corneal Astigmatism and Tilt After Myopic Laser In Situ Keratomileusis. Cornea, 2002, 21, 441-446.	1.7	26
51	Evaluation of a Microkeratome-based Limbal Harvester Device for Limbal Stem Cell Transplantation. Cornea, 2002, 21, 51-55.	1.7	8
52	Corneal lenticule harvest using a microkeratome and an artificial anterior chamber system at high intrachamber pressure. Journal of Cataract and Refractive Surgery, 2002, 28, 860-865.	1.5	20
53	Fluorescence-guided laser removal of chemically damaged cornea. Journal of Cataract and Refractive Surgery, 2002, 28, 1847-1852.	1.5	2
54	Gene Therapy for the Prevention of Corneal Haze after Photorefractive/Phototherapeutic Keratectomy Excimer Laser Surgery. Advances in Experimental Medicine and Biology, 2002, 506, 1315-1321.	1.6	3

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55	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
56	Microkeratome-based limbal harvester for limbal stem cell transplantation: preliminary studies. <i>American Journal of Ophthalmology</i> , 2001, 131, 377-378.	3.3	18
57	Posterior corneal curvature changes after myopic laser in situ keratomileusis. <i>Ophthalmology</i> , 2001, 108, 666-672.	5.2	139
58	Precision and accuracy of an artificial anterior chamber system in obtaining corneal lenticles for lamellar keratoplasty. <i>Journal of Cataract and Refractive Surgery</i> , 2001, 27, 1679-1687.	1.5	28
59	Experimental evaluation of two current-generation automated microkeratomes: the Hansatome and the Supratome. <i>American Journal of Ophthalmology</i> , 2000, 129, 59-67.	3.3	73
60	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
61	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
62	Evaluation of Corneal Flap Dimensions and Cut Quality Using the Automated Corneal Shaper Microkeratome. <i>Journal of Refractive Surgery</i> , 2000, 16, 83-89.	2.3	59
63	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
64	Experimental 193-nm Excimer Laser Trephination with Divergent Cut Angles in Penetrating Keratoplasty. <i>Cornea</i> , 1998, 17, 410.	1.7	25
65	Corneal topography. <i>Current Opinion in Ophthalmology</i> , 1997, 8, 8-24.	2.9	47