

# James D Brandt

## List of Publications by Year in descending order

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92  
papers

10,908  
citations

50276

46  
h-index

54911

84  
g-index

102  
all docs

102  
docs citations

102  
times ranked

5548  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of a Novel Microshunt in Refractory Childhood Glaucoma Initial experience in a Compassionate Use / Early Access Cohort. American Journal of Ophthalmology, 2022, , .	3.3	3
2	Postoperative Complications in the Primary Tube Versus Trabeculectomy Study During 5 Years of Follow-up. Ophthalmology, 2022, 129, 1357-1367.	5.2	16
3	Treatment Outcomes in the Primary Tube Versus Trabeculectomy Study after 5 Years of Follow-up. Ophthalmology, 2022, 129, 1344-1356.	5.2	38
4	Multicenter Analysis of Electronic Health Record Use among Ophthalmologists. Ophthalmology, 2021, 128, 165-166.	5.2	7
5	Assessment of Cumulative Incidence and Severity of Primary Open-Angle Glaucoma Among Participants in the Ocular Hypertension Treatment Study After 20 Years of Follow-up. JAMA Ophthalmology, 2021, 139, 558.	2.5	27
6	Consensus Statement for the Management and Treatment of Sturge-Weber Syndrome: Neurology, Neuroimaging, and Ophthalmology Recommendations. Pediatric Neurology, 2021, 121, 59-66.	2.1	19
7	Letter to the editor regarding:Â Congenital aniridia - A comprehensive review of clinical features and therapeuticÂapproaches. Survey of Ophthalmology, 2021, , .	4.0	0
8	Treatment Outcomes in the Primary Tube Versus Trabeculectomy Study after 3ÂYears of Follow-up. Ophthalmology, 2020, 127, 333-345.	5.2	177
9	Trabeculectomy Ab Interno With the Trab360 Device for Childhood Glaucomas. American Journal of Ophthalmology, 2020, 209, 178-186.	3.3	19
10	Reply. Ophthalmology, 2020, 127, e79-e80.	5.2	0
11	Reply. Ophthalmology, 2020, 127, e81-e82.	5.2	0
12	Central Corneal Thickness in the Ocular Hypertension Treatment Study (OHTS). Ophthalmology, 2020, 127, S72-S81.	5.2	10
13	A Comparison of Trabeculectomy Surgery Outcomes With Mitomycin-C Applied by Intra-Tenon Injection Versus Sponge. American Journal of Ophthalmology, 2020, 216, 243-256.	3.3	11
14	Reply. Ophthalmology, 2020, 127, e45-e46.	5.2	0
15	Combined Dexamethasone Intravitreal Implant and Glaucoma Drainage Device Placement for Uveitic Glaucoma. Journal of Glaucoma, 2020, 29, 252-257.	1.6	6
16	Treatment Outcomes in the Primary Tube Versus Trabeculectomy Study after 1 Year of Follow-up. Ophthalmology, 2018, 125, 650-663.	5.2	201
17	Glaucoma Drainage Devices. , 2018, , 99-127.		5
18	Oral Memantine for the Treatment of Glaucoma. Ophthalmology, 2018, 125, 1874-1885.	5.2	97

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19	Stop "Adjusting" Intraocular Pressure Measurements. JAMA Ophthalmology, 2017, 135, 608.	2.5	3
20	Long-term Safety and Efficacy of a Sustained-Release Bimatoprost Ocular Ring. Ophthalmology, 2017, 124, 1565-1566.	5.2	48
21	Six-Month Intraocular Pressure Reduction with a Topical Bimatoprost Ocular Insert. Ophthalmology, 2016, 123, 1685-1694.	5.2	93
22	IOP: Central Corneal Thickness. , 2016, , 101-108.		0
23	Tube Fenestration in the Tube Versus Trabeculectomy Study. Ophthalmology, 2016, 123, 2260-2262.	5.2	13
24	Postoperative Complications in the Ahmed Baerveldt Comparison Study During Five Years of Follow-up. American Journal of Ophthalmology, 2016, 163, 75-82.e3.	3.3	131
25	Flexible Transparent Iontronic Film for Interfacial Capacitive Pressure Sensing. Advanced Materials, 2015, 27, 6055-6062.	21.0	354
26	Human Factors and Ophthalmic Drug Packaging: Time for a Global Standard. Ophthalmology, 2015, 122, 2368-2370.	5.2	4
27	The Impact of Central Corneal Thickness and Corneal Biomechanics on Tonometry. , 2015, , 201-208.		1
28	Measuring intraocular pressure. Current Opinion in Ophthalmology, 2015, 26, 103-109.	2.9	54
29	Iontronic microdroplet array for flexible ultrasensitive tactile sensing. Lab on A Chip, 2014, 14, 1107.	6.0	123
30	Microfluidic tactile sensors for three-dimensional contact force measurements. Lab on A Chip, 2014, 14, 4344-4353.	6.0	47
31	The Rate of Structural Change: The Confocal Scanning Laser Ophthalmoscopy Ancillary Study to the Ocular Hypertension Treatment Study. American Journal of Ophthalmology, 2013, 155, 971-982.	3.3	20
32	Outcomes of Fornix-based Versus Limbus-based Conjunctival Incisions for Glaucoma Drainage Device Implant. Journal of Glaucoma, 2012, 21, 523-529.	1.6	15
33	Adjusting Intraocular Pressure for Central Corneal Thickness Does Not Improve Prediction Models for Primary Open-Angle Glaucoma. Ophthalmology, 2012, 119, 437-442.	5.2	74
34	Postoperative Complications in the Tube Versus Trabeculectomy (TVT) Study During Five Years of Follow-up. American Journal of Ophthalmology, 2012, 153, 804-814.e1.	3.3	678
35	Treatment Outcomes in the Tube Versus Trabeculectomy (TVT) Study After Five Years of Follow-up. American Journal of Ophthalmology, 2012, 153, 789-803.e2.	3.3	874
36	Reduction in Intraocular Pressure after Cataract Extraction: The Ocular Hypertension Treatment Study. Ophthalmology, 2012, 119, 1826-1831.	5.2	260

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37	Droplet-based interfacial capacitive sensing. <i>Lab on A Chip</i> , 2012, 12, 1110.	6.0	137
38	Altered Stability of mRNAs Associated with Glaucoma Progression in Human Trabecular Meshwork Cells Following Oxidative Stress. , 2012, 53, 1734.		23
39	Long-term Complications Associated with Glaucoma Drainage Devices and Boston Keratoprosthesis. <i>American Journal of Ophthalmology</i> , 2011, 152, 209-218.	3.3	76
40	Shrinkage of the Scleral Canal During Cupping Reversal in Children. <i>Ophthalmology</i> , 2011, 118, 2008-2013.	5.2	32
41	Evidence of outer retinal changes in glaucoma patients as revealed by ultrahigh-resolution in vivo retinal imaging. <i>British Journal of Ophthalmology</i> , 2011, 95, 131-141.	3.9	103
42	Predicting the Onset of Glaucoma. <i>Ophthalmology</i> , 2010, 117, 1674-1683.	5.2	54
43	The Perils of Glaucoma Surgical Outcome Analysis. <i>American Journal of Ophthalmology</i> , 2010, 149, 872.	3.3	0
44	IOP: Central Corneal Thickness. , 2010, , 87-93.		0
45	Effect of Diabetic Retinopathy and Panretinal Photocoagulation on Retinal Nerve Fiber Layer and Optic Nerve Appearance. <i>JAMA Ophthalmology</i> , 2009, 127, 857.	2.4	63
46	The Myth of Clinical Precision. <i>Ophthalmology</i> , 2009, 116, 1-2.e1.	5.2	109
47	Three-Year Follow-up of the Tube Versus Trabeculectomy Study. <i>American Journal of Ophthalmology</i> , 2009, 148, 670-684.	3.3	352
48	Changes in Central Corneal Thickness over Time. <i>Ophthalmology</i> , 2008, 115, 1550-1556.e1.	5.2	70
49	I. Argon Laser Trabeculoplasty. The Gold Standard. <i>Survey of Ophthalmology</i> , 2008, 53, 641-646.	4.0	18
50	Mutation in the <i>SLC4A11</i> Gene Associated with Autosomal Recessive Congenital Hereditary Endothelial Dystrophy in a Large Saudi Family. <i>Ophthalmic Genetics</i> , 2008, 29, 41-45.	1.2	34
51	Finding Risks for Glaucoma. <i>JAMA Ophthalmology</i> , 2008, 126, 1138.	2.4	0
52	Bimatoprost/Timolol Fixed Combination: A 3-month Double-masked, Randomized Parallel Comparison to Its Individual Components in Patients With Glaucoma or Ocular Hypertension. <i>Journal of Glaucoma</i> , 2008, 17, 211-216.	1.6	78
53	Central corneal thickness, tonometry, and glaucoma risk – a guide for the perplexed. <i>Canadian Journal of Ophthalmology</i> , 2007, 42, 562-566.	0.7	8
54	Personality Type of the Glaucoma Patient. <i>Journal of Glaucoma</i> , 2007, 16, 649-654.	1.6	25

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55	Central Corneal Thickness—Tonometry Artifact, or Something More?. <i>Ophthalmology</i> , 2007, 114, 1963-1964.	5.2	23
56	Treatment Outcomes in the Tube Versus Trabeculectomy Study After One Year of Follow-up. <i>American Journal of Ophthalmology</i> , 2007, 143, 9-22.e2.	3.3	298
57	Surgical Complications in the Tube Versus Trabeculectomy Study During the First Year of Follow-up. <i>American Journal of Ophthalmology</i> , 2007, 143, 23-31.e2.	3.3	286
58	&lt;i>&gt;CJO&lt;/i>&lt;i>&gt; Lecture 2007: Central corneal thickness, tonometry, and glaucoma risk - a guide for the perplexed. <i>Canadian Journal of Ophthalmology</i> , 2007, 42, 562-566.	0.7	9
59	Central corneal thickness, tonometry, and glaucoma risk—a guide for the perplexed. <i>Canadian Journal of Ophthalmology</i> , 2007, 42, 562-6.	0.7	21
60	Options in pediatric glaucoma after angle surgery has failed. <i>Current Opinion in Ophthalmology</i> , 2006, 17, 132-137.	2.9	72
61	Findings in Older Children With Abusive Head Injury: Does Shaken-Child Syndrome Exist?. <i>Pediatrics</i> , 2006, 117, e1039-e1044.	2.1	33
62	Baseline Topographic Optic Disc Measurements Are Associated With the Development of Primary Open-Angle Glaucoma. <i>JAMA Ophthalmology</i> , 2005, 123, 1188.	2.4	171
63	The Tube Versus Trabeculectomy Study: Design and Baseline Characteristics of Study Patients. <i>American Journal of Ophthalmology</i> , 2005, 140, 275.e1-275.e14.	3.3	168
64	Racial Differences in Optic Disc Topography. <i>JAMA Ophthalmology</i> , 2004, 122, 22.	2.4	95
65	Baerveldt glaucoma implant in the management of refractory childhood glaucomas. <i>Ophthalmology</i> , 2004, 111, 2204-2210.	5.2	87
66	The confocal scanning laser ophthalmoscopy ancillary study to the ocular hypertension treatment study: study design and baseline factors. <i>American Journal of Ophthalmology</i> , 2004, 137, 219-227.	3.3	52
67	Markedly increased central corneal thickness: an unrecognized finding in congenital aniridia. <i>American Journal of Ophthalmology</i> , 2004, 137, 348-350.	3.3	86
68	The long-term results of keratoplasty in eyes with a glaucoma drainage device. <i>American Journal of Ophthalmology</i> , 2004, 138, 200-205.	3.3	99
69	Central corneal thickness and measured IOP response to topical ocular hypotensive medication in the Ocular Hypertension Treatment Study. <i>American Journal of Ophthalmology</i> , 2004, 138, 717-722.	3.3	113
70	Corneal thickness in glaucoma screening, diagnosis, and management. <i>Current Opinion in Ophthalmology</i> , 2004, 15, 85-89.	2.9	133
71	Management of Ocular Hypertension. <i>Journal of Glaucoma</i> , 2004, 13, 81-83.	1.6	2
72	What Have We Learned from the Major Glaucoma Clinical Trials?. <i>Essentials in Ophthalmology</i> , 2004, , 125-138.	0.1	1

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73	Does Benzalkonium Chloride Cause Cataract?. JAMA Ophthalmology, 2003, 121, 892.	2.4	24
74	Intraocular Pressure-Induced Interlamellar Keratitis after LASIK Surgery. Journal of Glaucoma, 2003, 12, 23-26.	1.6	36
75	Aniridia and Brachmann-de Lange Syndrome. Cornea, 2003, 22, 178-180.	1.7	18
76	The Ocular Hypertension Treatment Study. JAMA Ophthalmology, 2002, 120, 714.	2.4	2,342
77	Pigmentary dispersion syndrome induced by a posterior chamber phakic refractive lens. American Journal of Ophthalmology, 2001, 131, 260-263.	3.3	106
78	Comparison of once- or twice-daily bimatoprost with twice-daily timolol in patients with elevated IOP. Ophthalmology, 2001, 108, 1023-1031.	5.2	160
79	Central corneal thickness in the ocular hypertension treatment study (OHTS). Ophthalmology, 2001, 108, 1779-1788.	5.2	543
80	Six-Month Comparison of Bimatoprost Once-Daily and Twice-Daily with Timolol Twice-Daily in Patients with Elevated Intraocular Pressure. Survey of Ophthalmology, 2001, 45, S361-S368.	4.0	177
81	The Influence of Corneal Thickness on the Diagnosis and Management of Glaucoma. Journal of Glaucoma, 2001, 10, S65-S67.	1.6	28
82	How Does the Trabecular Meshwork Regulate Outflow? Clues from the Vascular Endothelium. Journal of Glaucoma, 1999, 8, 328-339.	1.6	20
83	Na-K-Cl cotransport regulates intracellular volume and monolayer permeability of trabecular meshwork cells. American Journal of Physiology - Cell Physiology, 1995, 268, C1067-C1074.	4.6	64
84	Short-Wavelength Automated Perimetry in Low-, Medium-, and High-Risk Ocular Hypertensive Eyes. JAMA Ophthalmology, 1995, 113, 70.	2.4	87
85	Clinical Experience with the Baerveldt Glaucoma Drainage Implant. Ophthalmology, 1995, 102, 1298-1307.	5.2	196
86	Blue-on-Yellow Perimetry Can Predict the Development of Glaucomatous Visual Field Loss. JAMA Ophthalmology, 1993, 111, 645.	2.4	333
87	Progression of Early Glaucomatous Visual Field Loss as Detected by Blue-on-Yellow and Standard White-on-White Automated Perimetry. JAMA Ophthalmology, 1993, 111, 651.	2.4	209
88	Patch Grafts of Dehydrated Cadaveric Dura Mater for Tube-Shunt Glaucoma Surgery. JAMA Ophthalmology, 1993, 111, 1436.	2.4	77
89	Ophthalmology's botanical heritage. Survey of Ophthalmology, 1992, 36, 357-365.	4.0	8
90	Paresthesia and Numbness due to Drugs: The Special Case of the Blind. JAMA - Journal of the American Medical Association, 1991, 265, 1527.	7.4	0

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91	Conjunctival Impression Cytology in Patients With Glaucoma Using Long-term Topical Medication. American Journal of Ophthalmology, 1991, 112, 297-301.	3.3	106
92	Calculating Mean Threshold Sensitivity in Automated Perimetry. Ophthalmology, 1989, 96, 570-571.	5.2	1