

# 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	The Ocular Hypertension Treatment Study. <i>JAMA Ophthalmology</i> , 2002, 120, 714.	2.4	2,342
2	Treatment Outcomes in the Tube Versus Trabeculectomy (TVT) Study After Five Years of Follow-up. <i>American Journal of Ophthalmology</i> , 2012, 153, 789-803.e2.	3.3	874
3	Postoperative Complications in the Tube Versus Trabeculectomy (TVT) Study During Five Years of Follow-up. <i>American Journal of Ophthalmology</i> , 2012, 153, 804-814.e1.	3.3	678
4	Central corneal thickness in the ocular hypertension treatment study (OHTS). <i>Ophthalmology</i> , 2001, 108, 1779-1788.	5.2	543
5	Flexible Transparent Iontronic Film for Interfacial Capacitive Pressure Sensing. <i>Advanced Materials</i> , 2015, 27, 6055-6062.	21.0	354
6	Three-Year Follow-up of the Tube Versus Trabeculectomy Study. <i>American Journal of Ophthalmology</i> , 2009, 148, 670-684.	3.3	352
7	Blue-on-Yellow Perimetry Can Predict the Development of Glaucomatous Visual Field Loss. <i>JAMA Ophthalmology</i> , 1993, 111, 645.	2.4	333
8	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
9	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
10	Reduction in Intraocular Pressure after Cataract Extraction: The Ocular Hypertension Treatment Study. <i>Ophthalmology</i> , 2012, 119, 1826-1831.	5.2	260
11	Progression of Early Glaucomatous Visual Field Loss as Detected by Blue-on-Yellow and Standard White-on-White Automated Perimetry. <i>JAMA Ophthalmology</i> , 1993, 111, 651.	2.4	209
12	Treatment Outcomes in the Primary Tube Versus Trabeculectomy Study after 1 Year of Follow-up. <i>Ophthalmology</i> , 2018, 125, 650-663.	5.2	201
13	Clinical Experience with the Baerveldt Glaucoma Drainage Implant. <i>Ophthalmology</i> , 1995, 102, 1298-1307.	5.2	196
14	Six-Month Comparison of Bimatoprost Once-Daily and Twice-Daily with Timolol Twice-Daily in Patients with Elevated Intraocular Pressure. <i>Survey of Ophthalmology</i> , 2001, 45, S361-S368.	4.0	177
15	Treatment Outcomes in the Primary Tube Versus Trabeculectomy Study after 3 Years of Follow-up. <i>Ophthalmology</i> , 2020, 127, 333-345.	5.2	177
16	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
17	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
18	Comparison of once- or twice-daily bimatoprost with twice-daily timolol in patients with elevated IOP. <i>Ophthalmology</i> , 2001, 108, 1023-1031.	5.2	160

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19	Droplet-based interfacial capacitive sensing. <i>Lab on A Chip</i> , 2012, 12, 1110.	6.0	137
20	Corneal thickness in glaucoma screening, diagnosis, and management. <i>Current Opinion in Ophthalmology</i> , 2004, 15, 85-89.	2.9	133
21	Postoperative Complications in the Ahmed Baerveldt Comparison Study During Five Years of Follow-up. <i>American Journal of Ophthalmology</i> , 2016, 163, 75-82.e3.	3.3	131
22	Iontronic microdroplet array for flexible ultrasensitive tactile sensing. <i>Lab on A Chip</i> , 2014, 14, 1107.	6.0	123
23	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
24	The Myth of Clinical Precision. <i>Ophthalmology</i> , 2009, 116, 1-2.e1.	5.2	109
25	Conjunctival Impression Cytology in Patients With Glaucoma Using Long-term Topical Medication. <i>American Journal of Ophthalmology</i> , 1991, 112, 297-301.	3.3	106
26	Pigmentary dispersion syndrome induced by a posterior chamber phakic refractive lens. <i>American Journal of Ophthalmology</i> , 2001, 131, 260-263.	3.3	106
27	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
28	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
29	Oral Memantine for the Treatment of Glaucoma. <i>Ophthalmology</i> , 2018, 125, 1874-1885.	5.2	97
30	Racial Differences in Optic Disc Topography. <i>JAMA Ophthalmology</i> , 2004, 122, 22.	2.4	95
31	Six-Month Intraocular Pressure Reduction with a Topical Bimatoprost Ocular Insert. <i>Ophthalmology</i> , 2016, 123, 1685-1694.	5.2	93
32	Short-Wavelength Automated Perimetry in Low-, Medium-, and High-Risk Ocular Hypertensive Eyes. <i>JAMA Ophthalmology</i> , 1995, 113, 70.	2.4	87
33	Baerveldt glaucoma implant in the management of refractory childhood glaucomas. <i>Ophthalmology</i> , 2004, 111, 2204-2210.	5.2	87
34	Markedly increased central corneal thickness: an unrecognized finding in congenital aniridia. <i>American Journal of Ophthalmology</i> , 2004, 137, 348-350.	3.3	86
35	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
36	Patch Grafts of Dehydrated Cadaveric Dura Mater for Tube-Shunt Glaucoma Surgery. <i>JAMA Ophthalmology</i> , 1993, 111, 1436.	2.4	77

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37	Long-term Complications Associated with Glaucoma Drainage Devices and Boston Keratoprosthesis. American Journal of Ophthalmology, 2011, 152, 209-218.	3.3	76
38	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
39	Options in pediatric glaucoma after angle surgery has failed. Current Opinion in Ophthalmology, 2006, 17, 132-137.	2.9	72
40	Changes in Central Corneal Thickness over Time. Ophthalmology, 2008, 115, 1550-1556.e1.	5.2	70
41	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
42	Effect of Diabetic Retinopathy and Panretinal Photocoagulation on Retinal Nerve Fiber Layer and Optic Nerve Appearance. JAMA Ophthalmology, 2009, 127, 857.	2.4	63
43	Predicting the Onset of Glaucoma. Ophthalmology, 2010, 117, 1674-1683.	5.2	54
44	Measuring intraocular pressure. Current Opinion in Ophthalmology, 2015, 26, 103-109.	2.9	54
45	The confocal scanning laser ophthalmoscopy ancillary study to the ocular hypertension treatment study: study design and baseline factors. American Journal of Ophthalmology, 2004, 137, 219-227.	3.3	52
46	Long-term Safety and Efficacy of a Sustained-Release Bimatoprost Ocular Ring. Ophthalmology, 2017, 124, 1565-1566.	5.2	48
47	Microfluidic tactile sensors for three-dimensional contact force measurements. Lab on A Chip, 2014, 14, 4344-4353.	6.0	47
48	Treatment Outcomes in the Primary Tube Versus Trabeculectomy Study after 5 Years of Follow-up. Ophthalmology, 2022, 129, 1344-1356.	5.2	38
49	Intraocular Pressure-Induced Interlamellar Keratitis after LASIK Surgery. Journal of Glaucoma, 2003, 12, 23-26.	1.6	36
50	Mutation in the SLC4A11 Gene Associated with Autosomal Recessive Congenital Hereditary Endothelial Dystrophy in a Large Saudi Family. Ophthalmic Genetics, 2008, 29, 41-45.	1.2	34
51	Findings in Older Children With Abusive Head Injury: Does Shaken-Child Syndrome Exist?. Pediatrics, 2006, 117, e1039-e1044.	2.1	33
52	Shrinkage of the Scleral Canal During Cupping Reversal in Children. Ophthalmology, 2011, 118, 2008-2013.	5.2	32
53	The Influence of Corneal Thickness on the Diagnosis and Management of Glaucoma. Journal of Glaucoma, 2001, 10, S65-S67.	1.6	28
54	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

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55	Personality Type of the Glaucoma Patient. <i>Journal of Glaucoma</i> , 2007, 16, 649-654.	1.6	25
56	Does Benzalkonium Chloride Cause Cataract?. <i>JAMA Ophthalmology</i> , 2003, 121, 892.	2.4	24
57	Central Corneal Thickness—Tonometry Artifact, or Something More?. <i>Ophthalmology</i> , 2007, 114, 1963-1964.	5.2	23
58	Altered Stability of mRNAs Associated with Glaucoma Progression in Human Trabecular Meshwork Cells Following Oxidative Stress. , 2012, 53, 1734.		23
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	How Does the Trabecular Meshwork Regulate Outflow? Clues from the Vascular Endothelium. <i>Journal of Glaucoma</i> , 1999, 8, 328-339.	1.6	20
61	The Rate of Structural Change: The Confocal Scanning Laser Ophthalmoscopy Ancillary Study to the Ocular Hypertension Treatment Study. <i>American Journal of Ophthalmology</i> , 2013, 155, 971-982.	3.3	20
62	Trabeculotomy Ab Interno With the Trab360 Device for Childhood Glaucomas. <i>American Journal of Ophthalmology</i> , 2020, 209, 178-186.	3.3	19
63	Consensus Statement for the Management and Treatment of Sturge-Weber Syndrome: Neurology, Neuroimaging, and Ophthalmology Recommendations. <i>Pediatric Neurology</i> , 2021, 121, 59-66.	2.1	19
64	Aniridia and Brachmann-de Lange Syndrome. <i>Cornea</i> , 2003, 22, 178-180.	1.7	18
65	I. Argon Laser Trabeculoplasty. The Gold Standard. <i>Survey of Ophthalmology</i> , 2008, 53, 641-646.	4.0	18
66	Postoperative Complications in the Primary Tube Versus Trabeculectomy Study During 5 Years of Follow-up. <i>Ophthalmology</i> , 2022, 129, 1357-1367.	5.2	16
67	Outcomes of Fornix-based Versus Limbus-based Conjunctival Incisions for Glaucoma Drainage Device Implant. <i>Journal of Glaucoma</i> , 2012, 21, 523-529.	1.6	15
68	Tube Fenestration in the Tube Versus Trabeculectomy Study. <i>Ophthalmology</i> , 2016, 123, 2260-2262.	5.2	13
69	A Comparison of Trabeculectomy Surgery Outcomes With Mitomycin-C Applied by Intra-Tenon Injection Versus Sponge. <i>American Journal of Ophthalmology</i> , 2020, 216, 243-256.	3.3	11
70	Central Corneal Thickness in the Ocular Hypertension Treatment Study (OHTS). <i>Ophthalmology</i> , 2020, 127, S72-S81.	5.2	10
71	&lt;i>CJO&lt;/i> 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
72	Ophthalmology's botanical heritage. <i>Survey of Ophthalmology</i> , 1992, 36, 357-365.	4.0	8

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73	Central corneal thickness, tonometry, and glaucoma risk – a guide for the perplexed. Canadian Journal of Ophthalmology, 2007, 42, 562-566.	0.7	8
74	Multicenter Analysis of Electronic Health Record Use among Ophthalmologists. Ophthalmology, 2021, 128, 165-166.	5.2	7
75	Combined Dexamethasone Intravitreal Implant and Glaucoma Drainage Device Placement for Uveitic Glaucoma. Journal of Glaucoma, 2020, 29, 252-257.	1.6	6
76	Glaucoma Drainage Devices. , 2018, , 99-127.		5
77	Human Factors and Ophthalmic Drug Packaging: Time for a Global Standard. Ophthalmology, 2015, 122, 2368-2370.	5.2	4
78	Stop –Adjusting–Intraocular Pressure Measurements. JAMA Ophthalmology, 2017, 135, 608.	2.5	3
79	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
80	Management of Ocular Hypertension. Journal of Glaucoma, 2004, 13, 81-83.	1.6	2
81	Calculating Mean Threshold Sensitivity in Automated Perimetry. Ophthalmology, 1989, 96, 570-571.	5.2	1
82	The Impact of Central Corneal Thickness and Corneal Biomechanics on Tonometry. , 2015, , 201-208.		1
83	What Have We Learned from the Major Glaucoma Clinical Trials?. Essentials in Ophthalmology, 2004, , 125-138.	0.1	1
84	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
85	Finding Risks for Glaucoma. JAMA Ophthalmology, 2008, 126, 1138.	2.4	0
86	The Perils of Glaucoma Surgical Outcome Analysis. American Journal of Ophthalmology, 2010, 149, 872.	3.3	0
87	IOP: Central Corneal Thickness. , 2016, , 101-108.		0
88	Reply. Ophthalmology, 2020, 127, e79-e80.	5.2	0
89	Reply. Ophthalmology, 2020, 127, e81-e82.	5.2	0
90	Reply. Ophthalmology, 2020, 127, e45-e46.	5.2	0

#	ARTICLE	IF	CITATIONS
91	IOP: Central Corneal Thickness. , 2010, , 87-93.		0
92	Letter to the editor regarding:Â Congenital aniridia - A comprehensive review of clinical features and therapeuticÂapproaches. Survey of Ophthalmology, 2021, , .	4.0	0