Keith Barton

List of Publications by Year
in descending order

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123 papers	5,773 citations	81889 39 h-index	79691 73 g-index
167 all docs	167 docs citations	167 times ranked	3117 citing authors

#	Article	IF	Citations
1	Comparison of Conjunctival Autografts, Amniotic Membrane Grafts, and Primary Closure for Pterygium Excision. Ophthalmology, 1997, 104, 974-985.	5.2	504
2	Selective laser trabeculoplasty versus eye drops for first-line treatment of ocular hypertension and glaucoma (LiGHT): a multicentre randomised controlled trial. Lancet, The, 2019, 393, 1505-1516.	13.7	338
3	Treatment Outcomes in the Ahmed Baerveldt Comparison Study after 1 Year of Follow-up. Ophthalmology, 2011, 118, 443-452.	5.2	261
4	Five-Year Treatment Outcomes in the Ahmed Baerveldt Comparison Study. Ophthalmology, 2015, 122, 308-316.	5.2	250
5	Micropulse versus continuous wave transscleral diode cyclophotocoagulation in refractory glaucoma: a randomized exploratory study. Clinical and Experimental Ophthalmology, 2015, 43, 40-46.	2.6	237
6	Treatment Outcomes in the Primary Tube Versus Trabeculectomy Study after 1 Year of Follow-up. Ophthalmology, 2018, 125, 650-663.	5.2	201
7	Treatment Outcomes in the Primary Tube Versus Trabeculectomy Study after 3ÂYears of Follow-up. Ophthalmology, 2020, 127, 333-345.	5.2	177
8	Three-year Treatment Outcomes in the Ahmed Baerveldt Comparison Study. Ophthalmology, 2014, 121, 1547-1557.e1.	5.2	169
9	Five-Year Pooled Data Analysis of the Ahmed Baerveldt Comparison Study and the Ahmed Versus Baerveldt Study. American Journal of Ophthalmology, 2017, 176, 118-126.	3.3	152
10	Prevalence of Glaucoma in an Urban West African Population. JAMA Ophthalmology, 2013, 131, 651.	2.5	149
11	Two-year results of a multicenter study of the ab interno gelatin implant in medically uncontrolled primary open-angle glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 983-996.	1.9	146
12	Inflammatory Cytokines in the Tears of Patients with Ocular Rosacea. Ophthalmology, 1997, 104, 1868-1874.	5.2	138
13	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
14	Long-term Outcomes of Amniotic Membrane Transplantation for Repair of Leaking Glaucoma Filtering Blebs. American Journal of Ophthalmology, 2007, 143, 1052-1054.	3.3	124
15	The Ahmed Baerveldt Comparison Study. Ophthalmology, 2011, 118, 435-442.	5.2	119
16	Comparison of Central Corneal Thickness using Anterior Segment Optical Coherence Tomography vs Ultrasound Pachymetry. American Journal of Ophthalmology, 2008, 145, 228-232.e1.	3.3	118
17	Amniotic membrane transplantation for repair of leaking glaucoma filtering blebs. American Journal of Ophthalmology, 2000, 130, 580-588.	3.3	110
18	Amniotic Membrane as an Adjunct to Donor Sclera in the Repair of Exposed Glaucoma Drainage Devices. American Journal of Ophthalmology, 2005, 140, 1148-1152.	3.3	110

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19	Management of inflammatory glaucomas. Current Opinion in Ophthalmology, 2004, 15, 136-140.	2.9	109
20	Risk factors for development of post-trabeculectomy endophthalmitis. British Journal of Ophthalmology, 2000, 84, 1349-1353.	3.9	99
21	Cyclodialysis cleft: causes and repair. Current Opinion in Ophthalmology, 2010, 21, 150-154.	2.9	85
22	Minimally invasive glaucoma surgery as primary standâ€alone surgery for glaucoma. Clinical and Experimental Ophthalmology, 2017, 45, 393-400.	2.6	84
23	Corneal complications of glaucoma surgery. Current Opinion in Ophthalmology, 2009, 20, 131-136.	2.9	78
24	Primary Selective Laser Trabeculoplasty for Open-Angle Glaucoma and Ocular Hypertension. Ophthalmology, 2019, 126, 1238-1248.	5.2	71
25	Visual loss in sarcoid-related uveitis. Clinical and Experimental Ophthalmology, 2003, 31, 310-316.	2.6	68
26	Motility Disturbances in the Tube Versus Trabeculectomy Study During the First Year of Follow-up. American Journal of Ophthalmology, 2009, 147, 458-466.	3.3	68
27	Blindness and Visual Impairment in an Urban West African Population: The Tema Eye Survey. Ophthalmology, 2012, 119, 1744-1753.	5.2	63
28	XENâ€45 collagen implant for the treatment of uveitic glaucoma. Clinical and Experimental Ophthalmology, 2018, 46, 339-345.	2.6	61
29	Virtual clinics in glaucoma care: face-to-face versus remote decision-making. British Journal of Ophthalmology, 2017, 101, 892-895.	3.9	59
30	Laser in Glaucoma and Ocular Hypertension (LiGHT) trial. A multicentre, randomised controlled trial: design and methodology. British Journal of Ophthalmology, 2018, 102, 593-598.	3.9	59
31	Nonpenetrating glaucoma surgery: a critical evaluation. Current Opinion in Ophthalmology, 2007, 18, 152-158.	2.9	58
32	Uveitic glaucoma. Ophthalmology Clinics of North America, 2002, 15, 375-387.	1.8	50
33	Surface Topographies of Glaucoma Drainage Devices and Their Influence on Human Tenon Fibroblast Adhesion. , 2010, 51, 4047.		48
34	Highlights from this issue. British Journal of Ophthalmology, 2014, 98, 1-1.	3.9	46
35	Uveitis and glaucoma. Progress in Brain Research, 2015, 221, 243-269.	1.4	46
36	Cytokines and Tear Function in Ocular Surface Disease. Advances in Experimental Medicine and Biology, 1998, 438, 461-469.	1.6	45

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37	Changing trends in the incidence of bleb-related infection in trabeculectomy. British Journal of Ophthalmology, 2012, 96, 971-975.	3.9	44
38	The evaluation and surgical management of cyclodialysis clefts that have failed to respond to conservative management. British Journal of Ophthalmology, 2014, 98, 544-549.	3.9	43
39	The Effects of Age, Gender, and Fluid Dynamics on the Concentration of Tear Film Epidermal Growth Factor. Cornea, 1997, 16, 430???438.	1.7	42
40	Central corneal thickness in glaucoma. Current Opinion in Ophthalmology, 2017, 28, 120-126.	2.9	42
41	Treatment of Advanced Glaucoma Study: a multicentre randomised controlled trial comparing primary medical treatment with primary trabeculectomy for people with newly diagnosed advanced glaucomaâ€"study protocol. British Journal of Ophthalmology, 2018, 102, 922-928.	3.9	42
42	Selective laser trabeculoplasty versus drops for newly diagnosed ocular hypertension and glaucoma: the LiGHT RCT. Health Technology Assessment, 2019, 23, 1-102.	2.8	42
43	The Kinetics of Cytokine mRNA Expression in the Retina during Experimental Autoimmune Uveoretinitis. Cellular Immunology, 1995, 164, 133-140.	3.0	40
44	Quality of Life in the Tube Versus Trabeculectomy Study. American Journal of Ophthalmology, 2017, 176, 228-235.	3.3	40
45	Corneal Endothelial Morphology in Eyes Implanted With Anterior Chamber Aqueous Shunts. Cornea, 2011, 30, 50-55.	1.7	39
46	Treatment Outcomes in the Primary Tube Versus Trabeculectomy Study after 5 Years of Follow-up. Ophthalmology, 2022, 129, 1344-1356.	5.2	38
47	Antiâ€"Vascular Endothelial Growth Factor Therapy in Glaucoma Filtration Surgery. American Journal of Ophthalmology, 2011, 152, 10-15.e2.	3.3	36
48	Visualization of Aqueous Shunt Position and Patency Using Anterior Segment Optical Coherence Tomography. American Journal of Ophthalmology, 2007, 143, 1054-1056.e1.	3.3	34
49	Mechanism and management of angle closure in uveitis. Current Opinion in Ophthalmology, 2015, 26, 121-127.	2.9	32
50	Systematic Occlusion of Shunts. Journal of Glaucoma, 2016, 25, 54-61.	1.6	32
51	Treatment Outcomes Using the PAUL Glaucoma Implant to Control Intraocular Pressure in Eyes with Refractory Glaucoma. Ophthalmology Glaucoma, 2020, 3, 350-359.	1.9	32
52	Primary trabeculectomy for advanced glaucoma: pragmatic multicentre randomised controlled trial (TAGS). BMJ, The, 2021, 373, n1014.	6.0	29
53	Efficacy of Repeat Selective Laser Trabeculoplasty in Medication-Naive Open-Angle Glaucoma and Ocular Hypertension during the LiGHT Trial. Ophthalmology, 2020, 127, 467-476.	5.2	27
54	Ab Interno Gel Implantâ€"associated Bleb-related Infection. American Journal of Ophthalmology, 2018, 189, 96-101.	3.3	22

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55	Eight-Year Incidence of Open-Angle Glaucoma in the Tema Eye Survey. Ophthalmology, 2019, 126, 372-380.	5.2	22
56	Systemic steroid prophylaxis for cataract surgery in patients with posterior uveitis. Ocular Immunology and Inflammation, 1994, 2, 207-216.	1.8	21
57	Twenty-four hour efficacy with the dorzolamide/timolol-fixed combination compared with the brimonidine/timolol-fixed combination in primary open-angle glaucoma. Eye, 2012, 26, 80-87.	2.1	21
58	Corneal Endothelial Cell Loss after Baerveldt Glaucoma Implant Surgery. Ophthalmology Glaucoma, 2021, 4, 20-31.	1.9	21
59	Increased mast cell numbers in the conjunctiva of glaucoma patients: a possible indicator of preoperative glaucoma surgery inflammation. Eye, 2009, 23, 1859-1865.	2.1	20
60	The Measurement of Bulbar Hyperemia: Challenges and Pitfalls. European Journal of Ophthalmology, 2015, 25, 273-279.	1.3	20
61	Central Corneal Thickness and its Associations With Ocular and Systemic Factors in an Urban West African Population. American Journal of Ophthalmology, 2016, 169, 268-275.	3.3	20
62	Reporting Harm in Glaucoma Surgical Trials: Systematic Review and a Consensus-Derived New Classification System. American Journal of Ophthalmology, 2018, 194, 153-162.	3.3	20
63	Cyclodialysis cleft repair: A multiâ€centred, retrospective case series. Clinical and Experimental Ophthalmology, 2019, 47, 201-211.	2.6	16
64	Postoperative Complications in the Primary Tube Versus Trabeculectomy Study During 5 Years of Follow-up. Ophthalmology, 2022, 129, 1357-1367.	5.2	16
65	Iris Concavity, Corneal Biomechanics, and Their Correlations With Ocular Biometry in a Cohort of 10- to 12-Year-Old UK School Boys: Baseline Data. , 2014, 55, 3303.		15
66	Longitudinal Change in Central Corneal Thickness in the Tema Eye Survey. American Journal of Ophthalmology, 2018, 186, 10-18.	3.3	14
67	Transscleral cyclophotocoagulation and its histological effects on the conjunctiva. Scientific Reports, 2019, 9, 18703.	3.3	14
68	Aqueous shunt implantation in glaucoma. Taiwan Journal of Ophthalmology, 2017, 7, 130.	0.7	14
69	Interobserver agreement using Goldmann applanation tonometry and dynamic contour tonometry: comparing ophthalmologists, nurses and technicians. British Journal of Ophthalmology, 2016, 100, 854-859.	3.9	13
70	The Safety and Efficacy of Supraciliary Stenting Following Failed Glaucoma Surgery. American Journal of Ophthalmology, 2018, 190, 191-196.	3.3	13
71	Evolving Guidelines for Intracameral Injection. Journal of Glaucoma, 2020, 29, S1-S7.	1.6	12
72	Malignant glaucoma as a complication of intravitreal triamcinolone acetonide. Acta Ophthalmologica, 2006, 84, 712-713.	0.3	11

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73	Modern aqueous shunt implantation: future challenges. Progress in Brain Research, 2008, 173, 263-276.	1.4	11
74	Health economic evaluation in ophthalmology. British Journal of Ophthalmology, 2021, 105, 602-607.	3.9	11
75	Bleb Dysesthesia. Journal of Glaucoma, 2003, 12, 281-284.	1.6	10
76	Intraocular pressure elevation in uveitis. Expert Review of Ophthalmology, 2012, 7, 45-59.	0.6	10
77	Applanation tonometry: interobserver and prism agreement using the reusable Goldmann applanation prism and the Tonosafe disposable prism. British Journal of Ophthalmology, 2016, 100, 848-853.	3.9	10
78	Primary trabeculectomy versus primary glaucoma eye drops for newly diagnosed advanced glaucoma: TAGS RCT. Health Technology Assessment, 2021, 25, 1-158.	2.8	10
79	The role of day one postoperative review of intraocular pressure in modern vitrectomy surgery. British Journal of Ophthalmology, 2017, 101, 1281-1284.	3.9	8
80	Minimally invasive glaucoma surgery â€“ coming of age. British Journal of Ophthalmology, 2018, 102, 1315-1316.	3.9	8
81	A case of malignant glaucoma following insertion of Preserfloâ„¢ MicroShunt. European Journal of Ophthalmology, 2022, 32, NP115-NP119.	1.3	8
82	Intravitreal Corticosteroid Implantation in Diabetic Macular Edema: Updated European Consensus Guidance on Monitoring and Managing Intraocular Pressure. Ophthalmology and Therapy, 2022, 11, 15-34.	2.3	8
83	Longitudinal Study of Iris Concavity, Corneal Biomechanics, and Correlations to Ocular Biometry in a Cohort of 10- to 12-Year-Old UK Schoolboys: 2-Year Follow-up Data. , 2014, 55, 4645.		7
84	Caution in Using the XEN-augmented Baerveldt Surgical Technique. Journal of Glaucoma, 2017, 26, e257-e257.	1.6	7
85	Baseline Characteristics of Participants in the Treatment of Advanced Glaucoma Study: A Multicenter Randomized Controlled Trial. American Journal of Ophthalmology, 2020, 213, 186-194.	3.3	6
86	Vitrectomy for a persisting macular fold in a case of resolved hypotony maculopathy. American Journal of Ophthalmology, 2004, 138, 487-489.	3.3	5
87	A comparison of cup-to-disc ratio estimates by fundus biomicroscopy and stereoscopic optic disc photography in the Tema Eye Survey. Eye, 2017, 31, 1184-1190.	2.1	5
88	Case series of hypotony maculopathy after CyPass insertion treated with intraâ€luminal suture occlusion. Clinical and Experimental Ophthalmology, 2018, 47, 679-680.	2.6	5
89	Individualisation of glaucoma quality of life measures: a way forward?. British Journal of Ophthalmology, 2019, 103, 293-295.	3.9	5
90	Postoperative complications in glaucoma surgery: literature review-based recommendations to improve reporting consistency. British Journal of Ophthalmology, 2022, 106, 1696-1702.	3.9	5

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91	Comparison of Short-term Postoperative Hypotony Rates of 23-gauge vs 25-gauge Needles in Formation of the Scleral Tract for Baerveldt Tube Insertion into the Anterior Chamber. Journal of Current Glaucoma Practice, 2018, 12, 36-39.	0.5	5
92	Patient-reported outcome measures should not be the primary outcome in glaucoma clinical trials of disease modification. British Journal of Ophthalmology, 2023, 107, 3-5.	3.9	5
93	Microinvasive Glaucoma Surgery. Journal of Ophthalmology, 2017, 2017, 1-2.	1.3	4
94	Iridotomies on eyes with uveitis: indications and technique. British Journal of Ophthalmology, 2020, 104, 1-1.	3.9	4
95	Uveitic Glaucoma. , 2015, , 410-424.		3
96	Difference in glaucoma progression between the first and second eye after consecutive bilateral glaucoma surgery in patients with bilateral uveitic glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 2439-2448.	1.9	3
97	Risk factors for bleb-related infection following trabeculectomy surgery: ocular surface findingsâ€"a caseâ€"control study. British Journal of Ophthalmology, 2017, 101, 868-873.	3.9	3
98	Medical Management of Glaucoma. , 2013, , .		3
99	Simple technique to abort pupillary block glaucoma secondary to anterior chamber crystalline lens dislocation in <scp>M</scp>arfan's syndrome. Clinical and Experimental Ophthalmology, 2013, 41, 898-899.	2.6	2
100	Cyclodialysis cleft repair: A multiâ€centred, retrospective case seriesâ€"Response. Clinical and Experimental Ophthalmology, 2019, 47, 304-308.	2.6	2
101	How Can We Quantify and Compare Harm in Surgical Trials?. American Journal of Ophthalmology, 2022, 241, 64-70.	3.3	2
102	Expert Consensus on the Use of the PRESERFLOâ„¢ MicroShunt Device in the Treatment of Glaucoma: A Modified Delphi Panel. Ophthalmology and Therapy, 0, , .	2.3	2
103	Re: Lim etÂal.: XEN implant-related endophthalmitis (Ophthalmology. 2018;125:209). Ophthalmology, 2018, 125, e75.	5.2	1
104	Overview of MIGS. , 2021, , 1-10.		1
105	Incidence of Glaucoma Progression and Rate of Visual Field Deterioration in a Cohort of Urban Ghanaians. Journal of Glaucoma, 2022, Publish Ahead of Print, .	1.6	1
106	Glaucoma Definitions of Success. Ophthalmology, 2010, 117, 2043.	5.2	0
107	A new administration. British Journal of Ophthalmology, 2014, 98, 715-715.	3.9	0
108	Aqueous Shunts after Retinal Surgery. , 2015, , 1114-1122.		0

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109	Aqueous Shunts. , 2015, , 1045-1050.		0
110	Glaucoma and allergies: â€˜should I get rid of my cat?â€™. British Journal of Ophthalmology, 2015, 99, 1015-1016.	3.9	0
111	July consultation #8. Journal of Cataract and Refractive Surgery, 2015, 41, 1545.	1.5	0
112	Correspondence. Retina, 2018, 38, e86-e87.	1.7	0
113	Reply. American Journal of Ophthalmology, 2018, 188, 183-184.	3.3	0
114	Reply. Ophthalmology, 2020, 127, e79-e80.	5.2	0
115	Reply. Ophthalmology, 2020, 127, e81-e82.	5.2	0
116	Reply. Ophthalmology, 2020, 127, e45-e46.	5.2	0
117	The use of fibrin glue during aqueous shunt surgery. Eye, 2021, 35, 639-643.	2.1	0
118	Reply. Ophthalmology Glaucoma, 2021, 4, e1-e2.	1.9	0
119	Uveitis and Elevated Intraocular Pressure. , 2016, , 681-690.		0
120	Minimally Invasive Glaucoma Surgery. , 2017, , 21-50.		0
121	Recent Developments in Glaucoma. , 2020, , 99-119.		0
122	Response to Letter to the Editor: Evolving Guidelines for Intracameral Injection. Journal of Glaucoma, 2021, 30, e123-e124.	1.6	0
123	Indications for surgery. , 2012, , 202-210.		0