

Keith Barton

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

3,949
citations

35
h-index

61
g-index

167
ext. papers

4,868
ext. citations

4.8
avg, IF

5.44
L-index

#	Paper	IF	Citations
110	Comparison of conjunctival autografts, amniotic membrane grafts, and primary closure for pterygium excision. <i>Ophthalmology</i> , 1997 , 104, 974-85	7.3	426
109	Treatment outcomes in the Ahmed Baerveldt Comparison Study after 1 year of follow-up. <i>Ophthalmology</i> , 2011 , 118, 443-52	7.3	216
108	Five-year treatment outcomes in the Ahmed Baerveldt comparison study. <i>Ophthalmology</i> , 2015 , 122, 308-16	7.3	174
107	Selective laser trabeculoplasty versus eye drops for first-line treatment of ocular hypertension and glaucoma (LiGHT): a multicentre randomised controlled trial. <i>Lancet, The</i> , 2019 , 393, 1505-1516	4.0	172
106	Micropulse versus continuous wave transscleral diode cyclophotocoagulation in refractory glaucoma: a randomized exploratory study. <i>Clinical and Experimental Ophthalmology</i> , 2015 , 43, 40-6	2.4	147
105	Inflammatory cytokines in the tears of patients with ocular rosacea. <i>Ophthalmology</i> , 1997 , 104, 1868-74	7.3	119
104	Long-term outcomes of amniotic membrane transplantation for repair of leaking glaucoma filtering blebs. <i>American Journal of Ophthalmology</i> , 2007 , 143, 1052-4	4.9	113
103	Prevalence of glaucoma in an urban West African population: the Tema Eye Survey. <i>JAMA Ophthalmology</i> , 2013 , 131, 651-8	3.9	112
102	Treatment Outcomes in the Primary Tube Versus Trabeculectomy Study after 1 Year of Follow-up. <i>Ophthalmology</i> , 2018 , 125, 650-663	7.3	111
101	Amniotic membrane as an adjunct to donor sclera in the repair of exposed glaucoma drainage devices. <i>American Journal of Ophthalmology</i> , 2005 , 140, 1148-52	4.9	103
100	Amniotic membrane transplantation for repair of leaking glaucoma filtering blebs. <i>American Journal of Ophthalmology</i> , 2000 , 130, 580-8	4.9	94
99	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	4.9	93
98	Comparison of central corneal thickness using anterior segment optical coherence tomography vs ultrasound pachymetry. <i>American Journal of Ophthalmology</i> , 2008 , 145, 228-232	4.9	93
97	Five-Year Pooled Data Analysis of the Ahmed Baerveldt Comparison Study and the Ahmed Versus Baerveldt Study. <i>American Journal of Ophthalmology</i> , 2017 , 176, 118-126	4.9	89
96	The Ahmed Baerveldt Comparison Study methodology, baseline patient characteristics, and intraoperative complications. <i>Ophthalmology</i> , 2011 , 118, 435-42	7.3	88
95	Management of inflammatory glaucomas. <i>Current Opinion in Ophthalmology</i> , 2004 , 15, 136-40	5.1	86
94	Two-year results of a multicenter study of the ab interno gelatin implant in medically uncontrolled primary open-angle glaucoma. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2019 , 257, 983-996	3.8	80

93	Treatment Outcomes in the Primary Tube Versus Trabeculectomy Study after 3 Years of Follow-up. <i>Ophthalmology</i> , 2020 , 127, 333-345	7.3	78
92	Risk factors for development of post-trabeculectomy endophthalmitis. <i>British Journal of Ophthalmology</i> , 2000 , 84, 1349-53	5.5	76
91	Cyclodialysis cleft: causes and repair. <i>Current Opinion in Ophthalmology</i> , 2010 , 21, 150-4	5.1	71
90	Three-year treatment outcomes in the Ahmed Baerveldt comparison study. <i>Ophthalmology</i> , 2014 , 121, 1547-57.e1	7.3	64
89	Minimally invasive glaucoma surgery as primary stand-alone surgery for glaucoma. <i>Clinical and Experimental Ophthalmology</i> , 2017 , 45, 393-400	2.4	61
88	Corneal complications of glaucoma surgery. <i>Current Opinion in Ophthalmology</i> , 2009 , 20, 131-6	5.1	60
87	Motility disturbances in the tube versus trabeculectomy study during the first year of follow-up. <i>American Journal of Ophthalmology</i> , 2009 , 147, 458-66	4.9	57
86	Visual loss in sarcoid-related uveitis. <i>Clinical and Experimental Ophthalmology</i> , 2003 , 31, 310-6	2.4	53
85	Blindness and visual impairment in an urban West African population: the Tema Eye Survey. <i>Ophthalmology</i> , 2012 , 119, 1744-53	7.3	50
84	Nonpenetrating glaucoma surgery: a critical evaluation. <i>Current Opinion in Ophthalmology</i> , 2007 , 18, 152-8	5.1	47
83	2.0 mg Intravitreal aflibercept as therapy for exudative age-related. <i>British Journal of Ophthalmology</i> , 2014 , 98, 848	5.5	45
82	Uveitic glaucoma. <i>Ophthalmology Clinics of North America</i> , 2002 , 15, 375-87, viii		45
81	Primary Selective Laser Trabeculoplasty for Open-Angle Glaucoma and Ocular Hypertension: Clinical Outcomes, Predictors of Success, and Safety from the Laser in Glaucoma and Ocular Hypertension Trial. <i>Ophthalmology</i> , 2019 , 126, 1238-1248	7.3	38
80	The kinetics of cytokine mRNA expression in the retina during experimental autoimmune uveoretinitis. <i>Cellular Immunology</i> , 1995 , 164, 133-40	4.4	38
79	Laser in Glaucoma and Ocular Hypertension (LiGHT) trial. A multicentre, randomised controlled trial: design and methodology. <i>British Journal of Ophthalmology</i> , 2018 , 102, 593-598	5.5	37
78	The evaluation and surgical management of cyclodialysis clefts that have failed to respond to conservative management. <i>British Journal of Ophthalmology</i> , 2014 , 98, 544-9	5.5	36
77	Surface topographies of glaucoma drainage devices and their influence on human tenon fibroblast adhesion 2010 , 51, 4047-53		36
76	XEN-45 collagen implant for the treatment of uveitic glaucoma. <i>Clinical and Experimental Ophthalmology</i> , 2018 , 46, 339-345	2.4	35

75	Changing trends in the incidence of bleb-related infection in trabeculectomy. <i>British Journal of Ophthalmology</i> , 2012 , 96, 971-5	5.5	34
74	The Effects of Age, Gender, and Fluid Dynamics on the Concentration of Tear Film Epidermal Growth Factor. <i>Cornea</i> , 1997 , 16, 430-438	3.1	34
73	Cytokines and tear function in ocular surface disease. <i>Advances in Experimental Medicine and Biology</i> , 1998 , 438, 461-9	3.6	34
72	Corneal endothelial morphology in eyes implanted with anterior chamber aqueous shunts. <i>Cornea</i> , 2011 , 30, 50-5	3.1	33
71	Virtual clinics in glaucoma care: face-to-face versus remote decision-making. <i>British Journal of Ophthalmology</i> , 2017 , 101, 892-895	5.5	31
70	Visualization of aqueous shunt position and patency using anterior segment optical coherence tomography. <i>American Journal of Ophthalmology</i> , 2007 , 143, 1054-1056	4.9	29
69	Treatment of Advanced Glaucoma Study: a multicentre randomised controlled trial comparing primary medical treatment with primary trabeculectomy for people with newly diagnosed advanced glaucoma-study protocol. <i>British Journal of Ophthalmology</i> , 2018 , 102, 922-928	5.5	28
68	Anti-vascular endothelial growth factor therapy in glaucoma filtration surgery. <i>American Journal of Ophthalmology</i> , 2011 , 152, 10-15.e2	4.9	27
67	Central corneal thickness in glaucoma. <i>Current Opinion in Ophthalmology</i> , 2017 , 28, 120-126	5.1	26
66	Quality of Life in the Tube Versus Trabeculectomy Study. <i>American Journal of Ophthalmology</i> , 2017 , 176, 228-235	4.9	25
65	Uveitis and glaucoma: new insights in the pathogenesis and treatment. <i>Progress in Brain Research</i> , 2015 , 221, 243-69	2.9	25
64	Systematic Occlusion of Shunts: Control of Early Postoperative IOP and Hypotony-related Complications Following Glaucoma Shunt Surgery. <i>Journal of Glaucoma</i> , 2016 , 25, 54-61	2.1	25
63	Mechanism and management of angle closure in uveitis. <i>Current Opinion in Ophthalmology</i> , 2015 , 26, 121-7	5.1	22
62	Twenty-four hour efficacy with the dorzolamide/timolol-fixed combination compared with the brimonidine/timolol-fixed combination in primary open-angle glaucoma. <i>Eye</i> , 2012 , 26, 80-7	4.4	19
61	Ab Interno Gel Implant-associated Bleb-related Infection. <i>American Journal of Ophthalmology</i> , 2018 , 189, 96-101	4.9	18
60	Increased mast cell numbers in the conjunctiva of glaucoma patients: a possible indicator of preoperative glaucoma surgery inflammation. <i>Eye</i> , 2009 , 23, 1859-65	4.4	18
59	Systemic steroid prophylaxis for cataract surgery in patients with posterior uveitis. <i>Ocular Immunology and Inflammation</i> , 1994 , 2, 207-16	2.8	17
58	Central Corneal Thickness and its Associations With Ocular and Systemic Factors in an Urban West African Population. <i>American Journal of Ophthalmology</i> , 2016 , 169, 268-275	4.9	16

57	Selective laser trabeculoplasty versus drops for newly diagnosed ocular hypertension and glaucoma: the LiGHT RCT. <i>Health Technology Assessment</i> , 2019 , 23, 1-102	4.4	14
56	Eight-Year Incidence of Open-Angle Glaucoma in the Tema Eye Survey. <i>Ophthalmology</i> , 2019 , 126, 372-380	3.8	14
55	The measurement of bulbar hyperemia: challenges and pitfalls. <i>European Journal of Ophthalmology</i> , 2015 , 25, 273-9	1.9	13
54	Reporting Harm in Glaucoma Surgical Trials: Systematic Review and a Consensus-Derived New Classification System. <i>American Journal of Ophthalmology</i> , 2018 , 194, 153-162	4.9	11
53	Cyclodialysis cleft repair: A multi-centred, retrospective case series. <i>Clinical and Experimental Ophthalmology</i> , 2019 , 47, 201-211	2.4	11
52	Efficacy of Repeat Selective Laser Trabeculoplasty in Medication-Naive Open-Angle Glaucoma and Ocular Hypertension during the LiGHT Trial. <i>Ophthalmology</i> , 2020 , 127, 467-476	7.3	11
51	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, 3303-10		10
50	Modern aqueous shunt implantation: future challenges. <i>Progress in Brain Research</i> , 2008 , 173, 263-76	2.9	10
49	Aqueous shunt implantation in glaucoma. <i>Taiwan Journal of Ophthalmology</i> , 2017 , 7, 130-137	1.4	10
48	Longitudinal Change in Central Corneal Thickness in the Tema Eye Survey. <i>American Journal of Ophthalmology</i> , 2018 , 186, 10-18	4.9	9
47	The Safety and Efficacy of Supraciliary Stenting Following Failed Glaucoma Surgery. <i>American Journal of Ophthalmology</i> , 2018 , 190, 191-196	4.9	8
46	Interobserver agreement using Goldmann applanation tonometry and dynamic contour tonometry: comparing ophthalmologists, nurses and technicians. <i>British Journal of Ophthalmology</i> , 2016 , 100, 854-9	5.5	8
45	Malignant glaucoma as a complication of intravitreal triamcinolone acetonide. <i>Acta Ophthalmologica</i> , 2006 , 84, 712-3		8
44	Bleb dysesthesia. <i>Journal of Glaucoma</i> , 2003 , 12, 281-4	2.1	8
43	Transscleral cyclophotocoagulation and its histological effects on the conjunctiva. <i>Scientific Reports</i> , 2019 , 9, 18703	4.9	8
42	Applanation tonometry: interobserver and prism agreement using the reusable Goldmann applanation prism and the Tonosafe disposable prism. <i>British Journal of Ophthalmology</i> , 2016 , 100, 848-53	5.5	7
41	Caution in Using the XEN-augmented Baerveldt Surgical Technique. <i>Journal of Glaucoma</i> , 2017 , 26, e2572	2.1	6
40	Treatment Outcomes Using the PAUL Glaucoma Implant to Control Intraocular Pressure in Eyes with Refractory Glaucoma. <i>Ophthalmology Glaucoma</i> , 2020 , 3, 350-359	2.2	6

39	Primary trabeculectomy for advanced glaucoma: pragmatic multicentre randomised controlled trial (TAGS). <i>BMJ, The</i> , 2021 , 373, n1014	5.9	6
38	The role of day one postoperative review of intraocular pressure in modern vitrectomy surgery. <i>British Journal of Ophthalmology</i> , 2017 , 101, 1281-1284	5.5	5
37	Evolving Guidelines for Intracameral Injection. <i>Journal of Glaucoma</i> , 2020 , 29 Suppl 1, S1-S7	2.1	5
36	Intraocular pressure elevation in uveitis. <i>Expert Review of Ophthalmology</i> , 2012 , 7, 45-59	1.5	5
35	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, 4645-50		4
34	Vitrectomy for a persisting macular fold in a case of resolved hypotony maculopathy. <i>American Journal of Ophthalmology</i> , 2004 , 138, 487-9	4.9	4
33	Risk factors for bleb-related infection following trabeculectomy surgery: ocular surface findings-a case-control study. <i>British Journal of Ophthalmology</i> , 2017 , 101, 868-873	5.5	3
32	Medical Management of Glaucoma 2013 ,		3
31	Corneal Endothelial Cell Loss after Baerveldt Glaucoma Implant Surgery. <i>Ophthalmology Glaucoma</i> , 2021 , 4, 20-31	2.2	3
30	Case series of hypotony maculopathy after CyPass insertion treated with intra-luminal suture occlusion. <i>Clinical and Experimental Ophthalmology</i> , 2019 , 47, 679-680	2.4	3
29	A comparison of cup-to-disc ratio estimates by fundus biomicroscopy and stereoscopic optic disc photography in the Tema Eye Survey. <i>Eye</i> , 2017 , 31, 1184-1190	4.4	2
28	Baseline Characteristics of Participants in the Treatment of Advanced Glaucoma Study: A Multicenter Randomized Controlled Trial. <i>American Journal of Ophthalmology</i> , 2020 , 213, 186-194	4.9	2
27	A case of malignant glaucoma following insertion of Preserflo [®] MicroShunt. <i>European Journal of Ophthalmology</i> , 2021 , 11206721211003492	1.9	2
26	Difference in glaucoma progression between the first and second eye after consecutive bilateral glaucoma surgery in patients with bilateral uveitic glaucoma. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2016 , 254, 2439-2448	3.8	2
25	Uveitic Glaucoma 2015 , 410-424		1
24	Simple technique to abort pupillary block glaucoma secondary to anterior chamber crystalline lens dislocation in Marfan [®] syndrome. <i>Clinical and Experimental Ophthalmology</i> , 2013 , 41, 898-9	2.4	1
23	Overview of MIGS 2021 , 1-10		1
22	Primary trabeculectomy versus primary glaucoma eye drops for newly diagnosed advanced glaucoma: TAGS RCT. <i>Health Technology Assessment</i> , 2021 , 25, 1-158	4.4	1

21	Comparison of Short-term Postoperative Hypotony Rates of 23-gauge 25-gauge Needles in Formation of the Scleral Tract for Baerveldt Tube Insertion into the Anterior Chamber. <i>Journal of Current Glaucoma Practice</i> , 2018 , 12, 36-39	1.1	1
20	Cyclodialysis cleft repair: A multi-centred, retrospective case series-Response. <i>Clinical and Experimental Ophthalmology</i> , 2019 , 47, 304-308	2.4	1
19	Health economic evaluation in ophthalmology. <i>British Journal of Ophthalmology</i> , 2021 , 105, 602-607	5.5	1
18	Re: Lim et al.: XEN implant-related endophthalmitis (Ophthalmology. 2018;125:209). <i>Ophthalmology</i> , 2018 , 125, e75	7.3	1
17	Intravitreal Corticosteroid Implantation in Diabetic Macular Edema: Updated European Consensus Guidance on Monitoring and Managing Intraocular Pressure.. <i>Ophthalmology and Therapy</i> , 2022 , 11, 15-34	5	0
16	Aqueous Shunts after Retinal Surgery 2015 , 1114-1122		
15	Aqueous Shunts: Choice of Implant 2015 , 1045-1050		
14	July consultation #8. <i>Journal of Cataract and Refractive Surgery</i> , 2015 , 41, 1545; discussion 1546	2.3	
13	Reply. <i>Ophthalmology</i> , 2020 , 127, e45-e46	7.3	
12	Glaucoma definitions of success. <i>Ophthalmology</i> , 2010 , 117, 2043; author reply 2043	7.3	
11	Response to Letter to the Editor: Evolving Guidelines for Intracameral Injection. <i>Journal of Glaucoma</i> , 2021 , 30, e123-e124	2.1	
10	Recent Developments in Glaucoma 2020 , 99-119		
9	Uveitis and Elevated Intraocular Pressure 2016 , 681-690		
8	Minimally Invasive Glaucoma Surgery 2017 , 21-50		
7	Reply. <i>Ophthalmology</i> , 2020 , 127, e79-e80	7.3	
6	Reply. <i>Ophthalmology</i> , 2020 , 127, e81-e82	7.3	
5	The use of fibrin glue during aqueous shunt surgery. <i>Eye</i> , 2021 , 35, 639-643	4.4	
4	Reply. <i>Ophthalmology Glaucoma</i> , 2021 , 4, e1-e2	2.2	

- 3 Correspondence. *Retina*, **2018**, 38, e86-e87 3.6
- 2 Reply. *American Journal of Ophthalmology*, **2018**, 188, 183-184 4.9
- 1 Indications for surgery **2012**, 202-210