

Philip P Chen

List of Publications by Year in descending order

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103
papers

4,230
citations

101496

36
h-index

118793

62
g-index

106
all docs

106
docs citations

106
times ranked

2947
citing authors

#	ARTICLE	IF	CITATIONS
1	A Randomized Trial Comparing Mitomycin C and Conjunctival Autograft After Excision of Primary Pterygium. <i>American Journal of Ophthalmology</i> , 1995, 120, 151-160.	1.7	280
2	A Multicenter, Retrospective Pilot Study of Resource Use and Costs Associated With Severity of Disease in Glaucoma. <i>JAMA Ophthalmology</i> , 2006, 124, 12.	2.6	204
3	The Effect of Phacoemulsification on Intraocular Pressure in Glaucoma Patients. <i>Ophthalmology</i> , 2015, 122, 1294-1307.	2.5	200
4	Practice Preferences for Glaucoma Surgery: A Survey of the American Glaucoma Society. <i>Journal of Glaucoma</i> , 2017, 26, 687-693.	0.8	173
5	Trabeculectomy with intraoperative mitomycin C versus 5-fluorouracil. <i>Ophthalmology</i> , 2000, 107, 2305-2309.	2.5	164
6	Blindness in patients with treated open-angle glaucoma. <i>Ophthalmology</i> , 2003, 110, 726-733.	2.5	162
7	Primary Open-Angle Glaucoma Preferred Practice Pattern®. <i>Ophthalmology</i> , 2021, 128, P71-P150.	2.5	144
8	Practice Preferences for Glaucoma Surgery: A Survey of the American Glaucoma Society in 2008. <i>Ophthalmic Surgery, Lasers and Imaging</i> , 2011, 42, 202-208.	0.5	143
9	Peripapillary Retinal Nerve Fiber Layer Vascular Microcirculation in Glaucoma Using Optical Coherence Tomography-Based Microangiography. , 2016, 57, OCT475.		120
10	Use of Antifibrosis Agents and Glaucoma Drainage Devices in the American and Japanese Glaucoma Societies. <i>Journal of Glaucoma</i> , 1997, 6, 192-196.	0.8	113
11	Trabeculectomy function after cataract extraction11None of the authors have any proprietary interest in any of the products mentioned in this article.. <i>Ophthalmology</i> , 1998, 105, 1928-1935.	2.5	112
12	Optic Disc Perfusion in Primary Open Angle and Normal Tension Glaucoma Eyes Using Optical Coherence Tomography-Based Microangiography. <i>PLoS ONE</i> , 2016, 11, e0154691.	1.1	109
13	Central corneal pachymetry and visual field progression in patients with open-angle glaucoma~†. <i>Ophthalmology</i> , 2004, 111, 2126-2132.	2.5	104
14	Forecasting future Humphrey Visual Fields using deep learning. <i>PLoS ONE</i> , 2019, 14, e0214875.	1.1	102
15	Peripapillary Retinal Nerve Fiber Layer Vascular Microcirculation in Eyes With Glaucoma and Single-Hemifield Visual Field Loss. <i>JAMA Ophthalmology</i> , 2017, 135, 461.	1.4	94
16	Evaluation of the Anterior Chamber Angle in Glaucoma. <i>Ophthalmology</i> , 2013, 120, 1985-1997.	2.5	93
17	Pediatric Glaucoma Surgery. <i>Ophthalmology</i> , 2014, 121, 2107-2115.	2.5	93
18	Laser Peripheral Iridotomy in Primary Angle Closure. <i>Ophthalmology</i> , 2018, 125, 1110-1120.	2.5	85

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19	The Effect of Phacoemulsification on Intraocular Pressure in Medically Controlled Open-Angle Glaucoma Patients. <i>American Journal of Ophthalmology</i> , 2014, 157, 26-31.	1.7	81
20	Spectral-Domain OCT: Helping the Clinician Diagnose Glaucoma. <i>Ophthalmology</i> , 2018, 125, 1817-1827.	2.5	70
21	The effects of cataract extraction on the visual field of eyes with chronic open-angle glaucoma. <i>American Journal of Ophthalmology</i> , 1998, 125, 325-333.	1.7	66
22	Disinfection of Tonometers. <i>Ophthalmology</i> , 2017, 124, 1867-1875.	2.5	65
23	Optic nerve head perfusion in normal eyes and eyes with glaucoma using optical coherence tomography-based microangiography. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016, 6, 125-133.	1.1	61
24	Outpatient Treatment of Bleb Infection. <i>JAMA Ophthalmology</i> , 1997, 115, 1124.	2.6	56
25	Visual field progression in patients with initially unilateral visual field loss from chronic open-angle glaucoma ¹¹ Neither of the authors has any financial interest in any of the products mentioned within this manuscript.. <i>Ophthalmology</i> , 2000, 107, 1688-1692.	2.5	56
26	Risk factors for acute postoperative intraocular pressure elevation after phacoemulsification in glaucoma patients. <i>Journal of Cataract and Refractive Surgery</i> , 2014, 40, 538-544.	0.7	55
27	The Effect of Anti-Vascular Endothelial Growth Factor Agents on Intraocular Pressure and Glaucoma. <i>Ophthalmology</i> , 2019, 126, 611-622.	2.5	55
28	Effects of contact lenses on scanning laser polarimetry of the peripapillary retinal nerve fiber layer. <i>American Journal of Ophthalmology</i> , 1999, 127, 722-724.	1.7	52
29	The Primary Tube Versus Trabeculectomy Study. <i>Ophthalmology</i> , 2018, 125, 774-781.	2.5	52
30	Needling Revision of Glaucoma Drainage Device Filtering Blebs. <i>Ophthalmology</i> , 1997, 104, 1004-1010.	2.5	48
31	Correlation of visual field progression between eyes in patients with open-angle glaucoma. <i>Ophthalmology</i> , 2002, 109, 2093-2099.	2.5	48
32	Repeatability and reproducibility of optic nerve head perfusion measurements using optical coherence tomography angiography. <i>Journal of Biomedical Optics</i> , 2016, 21, 065002.	1.4	48
33	Risk and risk factors for blindness from glaucoma. <i>Current Opinion in Ophthalmology</i> , 2004, 15, 107-111.	1.3	46
34	Primary Angle-Closure Disease Preferred Practice Pattern [®] . <i>Ophthalmology</i> , 2021, 128, P30-P70.	2.5	45
35	Learning effects among perimetric novices in frequency doubling technology perimetry. <i>Ophthalmology</i> , 2002, 109, 757-760.	2.5	44
36	Automated Detection of Glaucoma With Interpretable Machine Learning Using Clinical Data and Multimodal Retinal Images. <i>American Journal of Ophthalmology</i> , 2021, 231, 154-169.	1.7	43

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37	Glaucoma Screening Using the Scanning Laser Polarimeter. <i>Journal of Glaucoma</i> , 2000, 9, 254-261.	0.8	42
38	Optical coherence tomography angiography in glaucoma. <i>Current Opinion in Ophthalmology</i> , 2019, 30, 110-116.	1.3	40
39	The effect of cataract extraction on intraocular pressure. <i>Current Opinion in Ophthalmology</i> , 2014, 25, 122-126.	1.3	36
40	Risk Factors for Noncompliance With Follow-up Among Normal-tension Glaucoma Suspects. <i>American Journal of Ophthalmology</i> , 2007, 144, 310-311.	1.7	35
41	Glaucoma in Patients With Ocular Chemical Burns. <i>American Journal of Ophthalmology</i> , 2012, 154, 481-485.e1.	1.7	34
42	Management of Overfiltering and Leaking Blebs With Autologous Blood Injection. <i>JAMA Ophthalmology</i> , 1996, 114, 633.	2.6	30
43	Quantitative Nerve Fiber Layer Measurement using Scanning Laser Polarimetry and Modulation Parameters in the Detection of Glaucoma. <i>Journal of Glaucoma</i> , 1998, 7, 270-277.	0.8	30
44	Predicting Subsequent Visual Field Loss in Glaucomatous Subjects With Disc Hemorrhage Using Retinal Nerve Fiber Layer Polarimetry. <i>Journal of Glaucoma</i> , 2005, 14, 20-25.	0.8	28
45	Scanning Laser Polarimetry and Detection of Progression After Optic Disc Hemorrhage in Patients With Glaucoma. <i>JAMA Ophthalmology</i> , 2003, 121, 189.	2.6	27
46	Primary Open-Angle Glaucoma Suspect Preferred Practice Pattern®. <i>Ophthalmology</i> , 2021, 128, P151-P192.	2.5	26
47	Prediction of Visual Field Defects on Standard Automated Perimetry by Screening C-20-1 Frequency Doubling Technology Perimetry. <i>Journal of Glaucoma</i> , 2006, 15, 35-39.	0.8	23
48	Lamina depth and thickness correlate with glaucoma severity. <i>Indian Journal of Ophthalmology</i> , 2016, 64, 358.	0.5	22
49	Correlation of Peripapillary Nerve Fiber Layer Thickness by Scanning Laser Polarimetry with Visual Field Defects in Patients with Glaucoma. <i>Journal of Glaucoma</i> , 1998, 7, 312-316.	0.8	21
50	Fellow Eye Prognosis in Patients With Severe Visual Field Loss in 1 Eye From Chronic Open-Angle Glaucoma. <i>JAMA Ophthalmology</i> , 2000, 118, 473.	2.6	19
51	The effect of electronic health records adoption on patient visit volume at an academic ophthalmology department. <i>BMC Health Services Research</i> , 2015, 16, 7.	0.9	19
52	Effects of cataract extraction with intraocular lens placement on scanning laser polarimetry of the peripapillary nerve fiber layer. <i>American Journal of Ophthalmology</i> , 2001, 132, 507-511.	1.7	18
53	Optic Nerve Head Perfusion Before and After Intravitreal Antivascular Growth Factor Injections Using Optical Coherence Tomography-based Microangiography. <i>Journal of Glaucoma</i> , 2019, 28, 188-193.	0.8	17
54	Development and validation of a machine learning, smartphone-based tonometer. <i>British Journal of Ophthalmology</i> , 2020, 104, 1394-1398.	2.1	17

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55	Pigment dispersion and chronic intraocular pressure elevation after sulcus placement of 3-piece acrylic intraocular lens. <i>Journal of Cataract and Refractive Surgery</i> , 2009, 35, 2164-2166.	0.7	14
56	Prevalence of self-reported early glaucoma eye drop bottle exhaustion and associated risk factors: a patient survey. <i>BMC Ophthalmology</i> , 2014, 14, 79.	0.6	13
57	DNA probes detect <i>Theileria parva</i> in the salivary glands of <i>Rhipicephalus appendiculatus</i> ticks. <i>Zeitschrift für Parasitenkunde (Berlin, Germany)</i> , 1991, 77, 590-594.	0.8	12
58	Learning effect among perimetric novices with screening C-20-1 frequency doubling technology perimetry. <i>American Journal of Ophthalmology</i> , 2004, 137, 551-552.	1.7	12
59	Visual Field Outcomes in the Tube Versus Trabeculectomy Study. <i>Ophthalmology</i> , 2020, 127, 1162-1169.	2.5	12
60	Comparing Treatment Outcomes from the Tube Versus Trabeculectomy and Primary Tube Versus Trabeculectomy Studies. <i>Ophthalmology</i> , 2021, 128, 324-326.	2.5	12
61	Test-Retest Variability in Glaucoma Patients Tested with C-20-1 Screening-Mode Frequency Doubling Technology Perimetry. <i>Journal of Glaucoma</i> , 2004, 13, 273-277.	0.8	11
62	Refractive Outcome of Cataract Surgery in Eyes With Prior Trabeculectomy: Risk Factors for Postoperative Myopia. <i>Journal of Glaucoma</i> , 2017, 26, 65-70.	0.8	11
63	The Effect of Early Posttrabeculectomy Intraocular Pressure Spike in the Collaborative Initial Glaucoma Treatment Study. <i>Journal of Glaucoma</i> , 2011, 20, 211-214.	0.8	10
64	Macular Vascular Microcirculation in Eyes With Open-angle Glaucoma Using Different Visual Field Severity Classification Systems. <i>Journal of Glaucoma</i> , 2019, 28, 790-796.	0.8	10
65	Refusal of Trabeculectomy for the Fellow Eye in Collaborative Initial Glaucoma Treatment Study (CIGTS) Participants. <i>American Journal of Ophthalmology</i> , 2016, 166, 1-7.	1.7	9
66	Intraocular Pressure After Phacoemulsification in Open-angle Glaucoma Patients With Uncontrolled or Marginally Controlled Glaucoma and/or With Severe Visual Field Loss. <i>Journal of Glaucoma</i> , 2018, 27, 108-114.	0.8	9
67	Truncation of In Situ Baerveldt Glaucoma Drainage Device for Treatment of Late Persistent Postoperative Hypotony. <i>Journal of Glaucoma</i> , 2017, 26, e113-e114.	0.8	8
68	Smaller-incision Revision of Trabeculectomy With Mitomycin: Long-term Outcomes and Complications. <i>Journal of Glaucoma</i> , 2019, 28, 27-31.	0.8	8
69	Using Deep Learning to Automate Goldmann Applanation Tonometry Readings. <i>Ophthalmology</i> , 2020, 127, 1498-1506.	2.5	8
70	Incidence of and Risk Factors for Steroid Response After Cataract Surgery in Patients With and Without Glaucoma. <i>Journal of Glaucoma</i> , 2021, 30, e159-e163.	0.8	8
71	Detection of Optic Disc Changes with Glaucoma-Scope Probability Maps. <i>Journal of Glaucoma</i> , 1998, 7, 378-387.	0.8	7
72	The Effect of Mitomycin C after Long-Term Storage on Human Tenon's Fibroblast Proliferation. <i>Journal of Glaucoma</i> , 1999, 8, 302-305.	0.8	7

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73	Intraocular Pressure in a Somali Population Living in the United States. <i>Journal of Glaucoma</i> , 2003, 12, 365-369.	0.8	6
74	Optic Disc Hemorrhage after Phacoemulsification in Patients with Glaucoma. <i>ISRN Ophthalmology</i> , 2014, 2014, 1-5.	1.7	6
75	Trabeculectomy with Long-Term-Stored Mitomycin C in a West Indian Population. <i>Ophthalmologica</i> , 1998, 212, 404-406.	1.0	5
76	Orbital extension of anterior uveal melanoma after Baerveldt tube shunt implantation. <i>Canadian Journal of Ophthalmology</i> , 2014, 49, e133-e135.	0.4	5
77	Combined Ahmed Glaucoma Valve Placement, Intravitreal Fluocinolone Acetonide Implantation and Cataract Extraction for Chronic Uveitis. <i>Journal of Glaucoma</i> , 2016, 25, 842-846.	0.8	5
78	Location of glaucoma drainage devices (addendum to previous report). <i>Ophthalmology</i> , 1998, 105, 1977.	2.5	4
79	Macular microvascular parameters in the ganglion cell-inner plexiform layer derived by optical coherence tomography angiography: Vascular structure-central visual function analysis. <i>PLoS ONE</i> , 2020, 15, e0240111.	1.1	4
80	Punctal Stenosis Associated with Topical Netarsudil Use. <i>Ophthalmology</i> , 2022, 129, 765-770.	2.5	4
81	Intraocular pressure in patients with human immunodeficiency virus and treated with highly active antiretroviral therapy. <i>American Journal of Ophthalmology</i> , 2003, 136, 360-361.	1.7	3
82	Paracentesis for angle closure glaucoma. <i>Ophthalmology</i> , 2003, 110, 1283-1284.	2.5	3
83	Continued Visual Field Progression in Eyes With Prior Visual Field Progression in Patients With Open-Angle Glaucoma. <i>Journal of Glaucoma</i> , 2010, 19, 598-603.	0.8	3
84	Peripapillary and Macular Microcirculation in Glaucoma Patients of African and European Descent Using Optical Coherence Tomography Angiography. <i>Journal of Glaucoma</i> , 2020, 29, 885-889.	0.8	3
85	Patients' adaptation to cataract surgery. <i>Ophthalmology</i> , 1998, 105, 6.	2.5	2
86	Needling revision of glaucoma drainage device filtering blebs: Authors' reply. <i>Ophthalmology</i> , 1998, 105, 1127-1128.	2.5	2
87	Management of Late Bleb Leaks. <i>Journal of Glaucoma</i> , 1999, 8, 263-266.	0.8	2
88	Resident OKAP Performance. <i>Ophthalmology</i> , 2012, 119, 656.	2.5	2
89	Is diabetes, even without retinopathy, a risk factor for glaucoma filtering surgery failure in the age of anti-fibrosis agents?. <i>British Journal of Ophthalmology</i> , 2013, 97, 541-542.	2.1	2
90	Lessons from implementation of an intraocular lens timeout. <i>Journal of Cataract and Refractive Surgery</i> , 2014, 40, 1744-1746.	0.7	2

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91	Pseudophakic adult with progressive optic disc tilt and axial length elongation. American Journal of Ophthalmology Case Reports, 2020, 19, 100814.	0.4	2
92	Cyclodialysis cleft formation following Yamane secondary intraocular lens implantation. American Journal of Ophthalmology Case Reports, 2022, 26, 101457.	0.4	2
93	The Effects of Compression Sutures On Filtering Blebs in Rabbit Eyes. Ophthalmic Surgery Lasers and Imaging Retina, 1999, 30, 216-220.	0.4	1
94	Reply: Intraocular pressure spike prophylaxis in glaucoma patients 1 day after phacoemulsification. Journal of Cataract and Refractive Surgery, 2014, 40, 1055-1056.	0.7	0
95	Optic Disc Hemorrhages in Glaucoma. Current Ophthalmology Reports, 2015, 3, 91-97.	0.5	0
96	Reply. Ophthalmology, 2018, 125, e59-e60.	2.5	0
97	In Reply: Optic Nerve Head Perfusion Before and After Intravitreal Antivascular Growth Factor Injections Using Optical Coherence Tomography-based Microangiography. Journal of Glaucoma, 2019, 28, e179-e180.	0.8	0
98	Response. Journal of Glaucoma, 2019, 28, e107.	0.8	0
99	Accuracy of partial coherence interferometry in patients with large inter-eye axial length difference. PLoS ONE, 2021, 16, e0246721.	1.1	0
100	Complications: Bleb Leaks. , 2010, , 449-455.		0
101	Complications: Bleb Leaks. , 2016, , 553-560.		0
102	Emerging OCT Technologies for Glaucoma. , 2020, , 187-199.		0
103	How should we measure intraocular pressure in the era of coronavirus disease 2019? Balancing infectious risk, cleaning requirements, and accuracy. Current Opinion in Ophthalmology, 2022, 33, 67-72.	1.3	0