

# Philip P Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2183440/publications.pdf>

Version: 2024-02-01

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  | How should we measure intraocular pressure in the era of coronavirus disease 2019? Balancing infectious risk, cleaning requirements, and accuracy. <i>Current Opinion in Ophthalmology</i> , 2022, 33, 67-72.               | 1.3 | 0         |
| 2  | Punctal Stenosis Associated with Topical Netarsudil Use. <i>Ophthalmology</i> , 2022, 129, 765-770.   | 2.5 | 4         |
| 3  | Cyclodialysis cleft formation following Yamane secondary intraocular lens implantation. <i>American Journal of Ophthalmology Case Reports</i> , 2022, 26, 101457.   | 0.4 | 2         |
| 4  | Comparing Treatment Outcomes from the Tube Versus Trabeculectomy and Primary Tube Versus Trabeculectomy Studies. <i>Ophthalmology</i> , 2021, 128, 324-326.   | 2.5 | 12        |
| 5  | Primary Open-Angle Glaucoma Preferred Practice Pattern®. <i>Ophthalmology</i> , 2021, 128, P71-P150.  | 2.5 | 144       |
| 6  | Primary Angle-Closure Disease Preferred Practice Pattern®. <i>Ophthalmology</i> , 2021, 128, P30-P70.   | 2.5 | 45        |
| 7  | Primary Open-Angle Glaucoma Suspect Preferred Practice Pattern®. <i>Ophthalmology</i> , 2021, 128, P151-P192.   | 2.5 | 26        |
| 8  | 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         |
| 9  | Accuracy of partial coherence interferometry in patients with large inter-eye axial length difference. <i>PLoS ONE</i> , 2021, 16, e0246721.  | 1.1 | 0         |
| 10 | 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        |
| 11 | Development and validation of a machine learning, smartphone-based tonometer. <i>British Journal of Ophthalmology</i> , 2020, 104, 1394-1398.   | 2.1 | 17        |
| 12 | 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         |
| 13 | 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         |
| 14 | Pseudophakic adult with progressive optic disc tilt and axial length elongation. <i>American Journal of Ophthalmology Case Reports</i> , 2020, 19, 100814.  | 0.4 | 2         |
| 15 | Visual Field Outcomes in the Tube Versus Trabeculectomy Study. <i>Ophthalmology</i> , 2020, 127, 1162-1169.   | 2.5 | 12        |
| 16 | Using Deep Learning to Automate Goldmann Applanation Tonometry Readings. <i>Ophthalmology</i> , 2020, 127, 1498-1506.   | 2.5 | 8         |
| 17 | Emerging OCT Technologies for Glaucoma. , 2020, , 187-199.  |     | 0         |
| 18 | Smaller-incision Revision of Trabeculectomy With Mitomycin: Long-term Outcomes and Complications. <i>Journal of Glaucoma</i> , 2019, 28, 27-31.   | 0.8 | 8         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Forecasting future Humphrey Visual Fields using deep learning. PLoS ONE, 2019, 14, e0214875.   | 1.1 | 102       |
| 20 | Optical coherence tomography angiography in glaucoma. Current Opinion in Ophthalmology, 2019, 30, 110-116.   | 1.3 | 40        |
| 21 | 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         |
| 22 | Optic Nerve Head Perfusion Before and After Intravitreal Antivascular Growth Factor Injections Using Optical Coherence Tomography-based Microangiography. Journal of Glaucoma, 2019, 28, 188-193.                | 0.8 | 17        |
| 23 | Response. Journal of Glaucoma, 2019, 28, e107.   | 0.8 | 0         |
| 24 | Macular Vascular Microcirculation in Eyes With Open-angle Glaucoma Using Different Visual Field Severity Classification Systems. Journal of Glaucoma, 2019, 28, 790-796.   | 0.8 | 10        |
| 25 | The Effect of Anti-Vascular Endothelial Growth Factor Agents on Intraocular Pressure and Glaucoma. Ophthalmology, 2019, 126, 611-622.  | 2.5 | 55        |
| 26 | Laser Peripheral Iridotomy in Primary Angle Closure. Ophthalmology, 2018, 125, 1110-1120.  | 2.5 | 85        |
| 27 | The Primary Tube Versus Trabeculectomy Study. Ophthalmology, 2018, 125, 774-781.   | 2.5 | 52        |
| 28 | Intraocular Pressure After Phacoemulsification in Open-angle Glaucoma Patients With Uncontrolled or Marginally Controlled Glaucoma and/or With Severe Visual Field Loss. Journal of Glaucoma, 2018, 27, 108-114. | 0.8 | 9         |
| 29 | Spectral-Domain OCT: Helping the Clinician Diagnose Glaucoma. Ophthalmology, 2018, 125, 1817-1827.   | 2.5 | 70        |
| 30 | Reply. Ophthalmology, 2018, 125, e59-e60.  | 2.5 | 0         |
| 31 | Peripapillary Retinal Nerve Fiber Layer Vascular Microcirculation in Eyes With Glaucoma and Single-Hemifield Visual Field Loss. JAMA Ophthalmology, 2017, 135, 461.  | 1.4 | 94        |
| 32 | Practice Preferences for Glaucoma Surgery: A Survey of the American Glaucoma Society. Journal of Glaucoma, 2017, 26, 687-693.  | 0.8 | 173       |
| 33 | Refractive Outcome of Cataract Surgery in Eyes With Prior Trabeculectomy: Risk Factors for Postoperative Myopia. Journal of Glaucoma, 2017, 26, 65-70.   | 0.8 | 11        |
| 34 | Disinfection of Tonometers. Ophthalmology, 2017, 124, 1867-1875.   | 2.5 | 65        |
| 35 | Truncation of In Situ Baerveldt Glaucoma Drainage Device for Treatment of Late Persistent Postoperative Hypotony. Journal of Glaucoma, 2017, 26, e113-e114.  | 0.8 | 8         |
| 36 | Optic nerve head perfusion in normal eyes and eyes with glaucoma using optical coherence tomography-based microangiography. Quantitative Imaging in Medicine and Surgery, 2016, 6, 125-133.                      | 1.1 | 61        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Peripapillary Retinal Nerve Fiber Layer Vascular Microcirculation in Glaucoma Using Optical Coherence Tomography-Based Microangiography. , 2016, 57, OCT475.                       |     | 120       |
| 38 | Combined Ahmed Glaucoma Valve Placement, Intravitreal Fluocinolone Acetonide Implantation and Cataract Extraction for Chronic Uveitis. Journal of Glaucoma, 2016, 25, 842-846.     | 0.8 | 5         |
| 39 | Refusal of Trabeculectomy for the Fellow Eye in Collaborative Initial Glaucoma Treatment Study (CIGTS) Participants. American Journal of Ophthalmology, 2016, 166, 1-7.            | 1.7 | 9         |
| 40 | Repeatability and reproducibility of optic nerve head perfusion measurements using optical coherence tomography angiography. Journal of Biomedical Optics, 2016, 21, 065002.       | 1.4 | 48        |
| 41 | Optic Disc Perfusion in Primary Open Angle and Normal Tension Glaucoma Eyes Using Optical Coherence Tomography-Based Microangiography. PLoS ONE, 2016, 11, e0154691.               | 1.1 | 109       |
| 42 | Lamina depth and thickness correlate with glaucoma severity. Indian Journal of Ophthalmology, 2016, 64, 358.   | 0.5 | 22        |
| 43 | Complications: Bleb Leaks. , 2016, , 553-560.  |     | 0         |
| 44 | The effect of electronic health records adoption on patient visit volume at an academic ophthalmology department. BMC Health Services Research, 2015, 16, 7.                       | 0.9 | 19        |
| 45 | Optic Disc Hemorrhages in Glaucoma. Current Ophthalmology Reports, 2015, 3, 91-97.   | 0.5 | 0         |
| 46 | The Effect of Phacoemulsification on Intraocular Pressure in Glaucoma Patients. Ophthalmology, 2015, 122, 1294-1307.   | 2.5 | 200       |
| 47 | Orbital extension of anterior uveal melanoma after Baerveldt tube shunt implantation. Canadian Journal of Ophthalmology, 2014, 49, e133-e135.                                      | 0.4 | 5         |
| 48 | Optic Disc Hemorrhage after Phacoemulsification in Patients with Glaucoma. ISRN Ophthalmology, 2014, 2014, 1-5.  | 1.7 | 6         |
| 49 | The effect of cataract extraction on intraocular pressure. Current Opinion in Ophthalmology, 2014, 25, 122-126.  | 1.3 | 36        |
| 50 | The Effect of Phacoemulsification on Intraocular Pressure in Medically Controlled Open-Angle Glaucoma Patients. American Journal of Ophthalmology, 2014, 157, 26-31.               | 1.7 | 81        |
| 51 | Pediatric Glaucoma Surgery. Ophthalmology, 2014, 121, 2107-2115.   | 2.5 | 93        |
| 52 | Lessons from implementation of an intraocular lens timeout. Journal of Cataract and Refractive Surgery, 2014, 40, 1744-1746.   | 0.7 | 2         |
| 53 | Prevalence of self-reported early glaucoma eye drop bottle exhaustion and associated risk factors: a patient survey. BMC Ophthalmology, 2014, 14, 79.                              | 0.6 | 13        |
| 54 | Risk factors for acute postoperative intraocular pressure elevation after phacoemulsification in glaucoma patients. Journal of Cataract and Refractive Surgery, 2014, 40, 538-544. | 0.7 | 55        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Reply: Intraocular pressure spike prophylaxis in glaucoma patients 1 day after phacoemulsification. <i>Journal of Cataract and Refractive Surgery</i> , 2014, 40, 1055-1056.                       | 0.7 | 0         |
| 56 | Evaluation of the Anterior Chamber Angle in Glaucoma. <i>Ophthalmology</i> , 2013, 120, 1985-1997.   | 2.5 | 93        |
| 57 | 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         |
| 58 | Resident OKAP Performance. <i>Ophthalmology</i> , 2012, 119, 656.  | 2.5 | 2         |
| 59 | Glaucoma in Patients With Ocular Chemical Burns. <i>American Journal of Ophthalmology</i> , 2012, 154, 481-485.e1.   | 1.7 | 34        |
| 60 | 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        |
| 61 | 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       |
| 62 | 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         |
| 63 | Complications: Bleb Leaks. , 2010, , 449-455.  |     | 0         |
| 64 | 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        |
| 65 | 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        |
| 66 | 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        |
| 67 | 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       |
| 68 | 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        |
| 69 | Central corneal pachymetry and visual field progression in patients with open-angle glaucoma. <i>Ophthalmology</i> , 2004, 111, 2126-2132.   | 2.5 | 104       |
| 70 | 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        |
| 71 | 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        |
| 72 | Risk and risk factors for blindness from glaucoma. <i>Current Opinion in Ophthalmology</i> , 2004, 15, 107-111.  | 1.3 | 46        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | 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         |
| 74 | Blindness in patients with treated open-angle glaucoma. <i>Ophthalmology</i> , 2003, 110, 726-733.   | 2.5 | 162       |
| 75 | Paracentesis for angle closure glaucoma. <i>Ophthalmology</i> , 2003, 110, 1283-1284.  | 2.5 | 3         |
| 76 | Intraocular Pressure in a Somali Population Living in the United States. <i>Journal of Glaucoma</i> , 2003, 12, 365-369.   | 0.8 | 6         |
| 77 | 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        |
| 78 | Learning effects among perimetric novices in frequency doubling technology perimetry. <i>Ophthalmology</i> , 2002, 109, 757-760.   | 2.5 | 44        |
| 79 | Correlation of visual field progression between eyes in patients with open-angle glaucoma. <i>Ophthalmology</i> , 2002, 109, 2093-2099.  | 2.5 | 48        |
| 80 | 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        |
| 81 | Glaucoma Screening Using the Scanning Laser Polarimeter. <i>Journal of Glaucoma</i> , 2000, 9, 254-261.  | 0.8 | 42        |
| 82 | 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        |
| 83 | Visual field progression in patients with initially unilateral visual field loss from chronic open-angle glaucoma <sup>11</sup> 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        |
| 84 | Trabeculectomy with intraoperative mitomycin C versus 5-fluorouracil. <i>Ophthalmology</i> , 2000, 107, 2305-2309.   | 2.5 | 164       |
| 85 | 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        |
| 86 | Management of Late Bleb Leaks. <i>Journal of Glaucoma</i> , 1999, 8, 263-266.  | 0.8 | 2         |
| 87 | 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         |
| 88 | The Effects of Compression Sutures On Filtering Blebs in Rabbit Eyes. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 1999, 30, 216-220.   | 0.4 | 1         |
| 89 | Patients' adaptation to cataract surgery. <i>Ophthalmology</i> , 1998, 105, 6.   | 2.5 | 2         |
| 90 | Trabeculectomy function after cataract extraction <sup>11</sup> None 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       |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 91  | Location of glaucoma drainage devices (addendum to previous report). <i>Ophthalmology</i> , 1998, 105, 1977.   | 2.5 | 4         |
| 92  | Needling revision of glaucoma drainage device filtering blebs: Authors' reply. <i>Ophthalmology</i> , 1998, 105, 1127-1128.  | 2.5 | 2         |
| 93  | 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        |
| 94  | Trabeculectomy with Long-Term-Stored Mitomycin C in a West Indian Population. <i>Ophthalmologica</i> , 1998, 212, 404-406.   | 1.0 | 5         |
| 95  | 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        |
| 96  | Detection of Optic Disc Changes with Glaucoma-Scope Probability Maps. <i>Journal of Glaucoma</i> , 1998, 7, 378-387.   | 0.8 | 7         |
| 97  | 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        |
| 98  | Outpatient Treatment of Bleb Infection. <i>JAMA Ophthalmology</i> , 1997, 115, 1124.   | 2.6 | 56        |
| 99  | 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       |
| 100 | Needling Revision of Glaucoma Drainage Device Filtering Blebs. <i>Ophthalmology</i> , 1997, 104, 1004-1010.  | 2.5 | 48        |
| 101 | Management of Overfiltering and Leaking Blebs With Autologous Blood Injection. <i>JAMA Ophthalmology</i> , 1996, 114, 633.   | 2.6 | 30        |
| 102 | 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       |
| 103 | DNA probes detect <i>Theileria parva</i> in the salivary glands of <i>Rhipicephalus appendiculatus</i> ticks. <i>Zeitschrift für Parasitenkunde</i> (Berlin, Germany), 1991, 77, 590-594.  | 0.8 | 12        |