

Wallace Lm Alward

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/654921/publications.pdf>

Version: 2024-02-01

102
papers

11,673
citations

71102

41
h-index

39675

94
g-index

103
all docs

103
docs citations

103
times ranked

6735
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Identification of a Gene That Causes Primary Open Angle Glaucoma. <i>Science</i> , 1997, 275, 668-670. | 12.6 | 1,274 |
| 2 | Cloning and characterization of a novel bicoid-related homeobox transcription factor gene, RIEG, involved in Rieger syndrome. <i>Nature Genetics</i> , 1996, 14, 392-399. | 21.4 | 852 |
| 3 | Nocturnal Arterial Hypotension and Its Role in Optic Nerve Head and Ocular Ischemic Disorders. <i>American Journal of Ophthalmology</i> , 1994, 117, 603-624. | 3.3 | 774 |
| 4 | Primary Open-Angle Glaucoma. <i>New England Journal of Medicine</i> , 2009, 360, 1113-1124. | 27.0 | 747 |
| 5 | Acute Hepatitis B Virus Infection: Relation of Age to the Clinical Expression of Disease and Subsequent Development of the Carrier State. <i>Journal of Infectious Diseases</i> , 1985, 151, 599-603. | 4.0 | 730 |
| 6 | Analysis of Myocilin Mutations in 1703 Glaucoma Patients From Five Different Populations. <i>Human Molecular Genetics</i> , 1999, 8, 899-905. | 2.9 | 496 |
| 7 | Five-year Follow-up of the Fluorouracil Filtering Surgery Study. <i>American Journal of Ophthalmology</i> , 1996, 121, 349-366. | 3.3 | 438 |
| 8 | Clinical Features Associated with Mutations in the Chromosome 1 Open-Angle Glaucoma Gene (<i>GLC1A</i>). <i>New England Journal of Medicine</i> , 1998, 338, 1022-1027. | 27.0 | 423 |
| 9 | The forkhead transcription factor gene FKHL7 is responsible for glaucoma phenotypes which map to 6p25. <i>Nature Genetics</i> , 1998, 19, 140-147. | 21.4 | 416 |
| 10 | Genetic linkage of familial open angle glaucoma to chromosome 1q21-q31. <i>Nature Genetics</i> , 1993, 4, 47-50. | 21.4 | 410 |
| 11 | A novel homeobox gene PITX3 is mutated in families with autosomal-dominant cataracts and ASMD. <i>Nature Genetics</i> , 1998, 19, 167-170. | 21.4 | 371 |
| 12 | Automated Segmentation of the Optic Disc from Stereo Color Photographs Using Physiologically Plausible Features. , 2007, 48, 1665. | | 275 |
| 13 | Axenfeld-Rieger syndrome in the age of molecular genetics. <i>American Journal of Ophthalmology</i> , 2000, 130, 107-115. | 3.3 | 230 |
| 14 | Medical Management of Glaucoma. <i>New England Journal of Medicine</i> , 1998, 339, 1298-1307. | 27.0 | 217 |
| 15 | Myocilin Glaucoma. <i>Survey of Ophthalmology</i> , 2002, 47, 547-561. | 4.0 | 201 |
| 16 | Copy number variations on chromosome 12q14 in patients with normal tension glaucoma. <i>Human Molecular Genetics</i> , 2011, 20, 2482-2494. | 2.9 | 189 |
| 17 | The Long-Term Serological Course of Asymptomatic Hepatitis B Virus Carriers and the Development of Primary Hepatocellular Carcinoma. <i>Journal of Infectious Diseases</i> , 1985, 151, 604-609. | 4.0 | 188 |
| 18 | A Spectrum of FOXC1 Mutations Suggests Gene Dosage as a Mechanism for Developmental Defects of the Anterior Chamber of the Eye. <i>American Journal of Human Genetics</i> , 2001, 68, 364-372. | 6.2 | 185 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Three-Year Follow-up of the Fluorouracil Filtering Surgery Study. American Journal of Ophthalmology, 1993, 115, 82-92. | 3.3 | 181 |
| 20 | Evaluation of optineurin sequence variations in 1,048 patients with open-angle glaucoma. American Journal of Ophthalmology, 2003, 136, 904-910. | 3.3 | 164 |
| 21 | Retinal synthesis and deposition of complement components induced by ocular hypertension. Experimental Eye Research, 2006, 83, 620-628. | 2.6 | 139 |
| 22 | Rate of visual field loss and long-term visual outcome in primary open-angle glaucoma. American Journal of Ophthalmology, 2001, 132, 47-56. | 3.3 | 132 |
| 23 | Autosomal dominant iris hypoplasia is caused by a mutation in the rieger syndrome (rieg/pitx2) gene. American Journal of Ophthalmology, 1998, 125, 98-100. | 3.3 | 130 |
| 24 | A family with Axenfeld-Rieger syndrome and Peters Anomaly caused by a point mutation (Phe112Ser) in the FOXC1 gene. American Journal of Ophthalmology, 2003, 135, 368-375. | 3.3 | 128 |
| 25 | Clinical Features and Linkage Analysis of a Family with Autosomal Dominant Juvenile Glaucoma. Ophthalmology, 1993, 100, 524-529. | 5.2 | 114 |
| 26 | LOXL1 Mutations Are Associated with Exfoliation Syndrome in Patients from the Midwestern United States. American Journal of Ophthalmology, 2007, 144, 974-975.e1. | 3.3 | 111 |
| 27 | Characterization and Comparison of the Human and Mouse <i>GLC1A</i> Glaucoma Genes. Genome Research, 1998, 8, 377-384. | 5.5 | 103 |
| 28 | Effect of Cataract on Automated Perimetry. Ophthalmology, 1991, 98, 1066-1070. | 5.2 | 100 |
| 29 | Linkage of Rieger syndrome to the region of the epidermal growth factor gene on chromosome 4. Nature Genetics, 1992, 2, 46-49. | 21.4 | 100 |
| 30 | A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. Nature Genetics, 2015, 47, 387-392. | 21.4 | 97 |
| 31 | Primary congenital and developmental glaucomas. Human Molecular Genetics, 2017, 26, R28-R36. | 2.9 | 85 |
| 32 | Glaucoma-associated corneal endothelial cell damage: A review. Survey of Ophthalmology, 2018, 63, 500-506. | 4.0 | 77 |
| 33 | A Randomized Study of Mitomycin Augmentation in Combined Phacoemulsification and Trabeculectomy. Ophthalmology, 1997, 104, 719-724. | 5.2 | 73 |
| 34 | Risk Factors for Suprachoroidal Hemorrhage After Filtering Surgery. American Journal of Ophthalmology, 1992, 113, 501-507. | 3.3 | 70 |
| 35 | Linkage of autosomal dominant iris hypoplasia to the region of the Rieger syndrome locus (4q25). Human Molecular Genetics, 1995, 4, 1435-1439. | 2.9 | 70 |
| 36 | THE CONTROL OF HEPATITIS B VIRUS INFECTION WITH VACCINE IN YUPIK ESKIMOS. American Journal of Epidemiology, 1985, 121, 914-923. | 3.4 | 57 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Expression of the Mf1 gene in developing mouse hearts: Implication in the development of human congenital heart defects. , 1999, 216, 16-27. | | 54 |
| 38 | Combined Phacoemulsification, Posterior Chamber Intraocular Lens Implantation, and Trabeculectomy With Mitomycin C. American Journal of Ophthalmology, 1995, 119, 20-29. | 3.3 | 52 |
| 39 | An Autosomal Dominant Form of Low-Tension Glaucoma. American Journal of Ophthalmology, 1989, 108, 238-244. | 3.3 | 51 |
| 40 | How I Choose a Prostaglandin Analogue. American Journal of Ophthalmology, 2009, 147, 1-2. | 3.3 | 50 |
| 41 | Effects of Jogging Exercise on Patients with the Pigmentary Dispersion Syndrome and Pigmentary Glaucoma. Ophthalmology, 1992, 99, 1096-1103. | 5.2 | 49 |
| 42 | Boston Type 1 Keratoprosthesis. Cornea, 2016, 35, 1165-1174. | 1.7 | 45 |
| 43 | Genetic Analysis of PITX2 and FOXC1 in Rieger Syndrome Patients From Brazil. Journal of Glaucoma, 2002, 11, 51-56. | 1.6 | 41 |
| 44 | Inhibition of Exercise-Induced Pigment Dispersion in a Patient With the Pigmentary Dispersion Syndrome. American Journal of Ophthalmology, 1990, 109, 601-602. | 3.3 | 40 |
| 45 | Editorial. American Journal of Ophthalmology, 2000, 129, 376-378. | 3.3 | 40 |
| 46 | The genetic mechanisms of primary angle closure glaucoma. Eye, 2015, 29, 1251-1259. | 2.1 | 39 |
| 47 | Diurnal Fluctuation and Concordance of Intraocular Pressure in Glaucoma Suspects and Normal Tension Glaucoma Patients. Journal of Glaucoma, 2007, 16, 307-312. | 1.6 | 38 |
| 48 | Correlation of Automated Visual Field Parameters and Peripapillary Nerve Fiber Layer Thickness as Measured by Scanning Laser Polarimetry. Journal of Glaucoma, 2000, 9, 281-288. | 1.6 | 37 |
| 49 | Concordance of Diurnal Intraocular Pressure between Fellow Eyes in Primary Open-Angle Glaucoma. Ophthalmology, 2007, 114, 915-920. | 5.2 | 37 |
| 50 | Rate and pattern of visual field decline in primary open-angle glaucoma. Ophthalmology, 2002, 109, 2232-2240. | 5.2 | 36 |
| 51 | Genome-wide analysis of copy number variants in age-related macular degeneration. Human Genetics, 2011, 129, 91-100. | 3.8 | 36 |
| 52 | Expression pattern and in situ localization of the mouse homologue of the human MYOC (GLC1A) gene in adult brain. Molecular Brain Research, 1999, 68, 64-72. | 2.3 | 35 |
| 53 | A Genome-Wide Association Study for Primary Open Angle Glaucoma and Macular Degeneration Reveals Novel Loci. PLoS ONE, 2013, 8, e58657. | 2.5 | 35 |
| 54 | Rate of Optic Disc Cup Progression in Treated Primary Open-Angle Glaucoma. Journal of Glaucoma, 2003, 12, 409-416. | 1.6 | 30 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 55 | Asymmetric Pigmentary Dispersion Syndrome Mimicking Horner's Syndrome. American Journal of Ophthalmology, 1991, 112, 463-464. | 3.3 | 29 |
| 56 | Argon Laser Endophotocoagulator Closure of Cyclodialysis Clefts. American Journal of Ophthalmology, 1988, 106, 748-749. | 3.3 | 28 |
| 57 | Experimental Endoscopic Goniotomy. Ophthalmology, 1993, 100, 1066-1070. | 5.2 | 28 |
| 58 | Control of Intraocular Pressure After Trabeculectomy. Survey of Ophthalmology, 1999, 43, 345-355. | 4.0 | 27 |
| 59 | Graft Survival Versus Glaucoma Treatment After Penetrating or Descemet Stripping Automated Endothelial Keratoplasty. Cornea, 2014, 33, 785-789. | 1.7 | 27 |
| 60 | Screening for Mutations of Axenfeld-Rieger Syndrome Caused by FOXC1 Gene in Japanese Patients. Journal of Glaucoma, 2001, 10, 477-482. | 1.6 | 26 |
| 61 | A case-control comparison of the clinical characteristics of glaucoma and ocular hypertensive patients with and without the myocilin Gln368Stop mutation11Internet Advance publication at ajo.com Sept 6, 2002.. American Journal of Ophthalmology, 2002, 134, 884-890. | 3.3 | 25 |
| 62 | Gonioscopy in primary angle closure glaucoma. Seminars in Ophthalmology, 2002, 17, 59-68. | 1.6 | 24 |
| 63 | Familial Cavitory Optic Disk Anomalies: Identification of a Novel Genetic Locus. American Journal of Ophthalmology, 2007, 143, 795-800.e1. | 3.3 | 23 |
| 64 | A New Angle on Ocular Development. Science, 2003, 299, 1527-1528. | 12.6 | 22 |
| 65 | Heritable Features of the Optic Disc: A Novel Twin Method for Determining Genetic Significance. , 2007, 48, 2469. | | 22 |
| 66 | Familial Cavitory Optic Disk Anomalies: Clinical Features of a Large Family with Examples of Progressive Optic Nerve Head Cupping. American Journal of Ophthalmology, 2007, 143, 788-794.e1. | 3.3 | 21 |
| 67 | Variance Owing to Observer, Repeat Imaging, and Fundus Camera Type on Cup-to-disc Ratio Estimates by Stereo Planimetry. Journal of Glaucoma, 2009, 18, 305-310. | 1.6 | 21 |
| 68 | Analysis of RNA splicing defects in PITX2 mutants supports a gene dosage model of Axenfeld-Rieger syndrome. BMC Medical Genetics, 2006, 7, 59. | 2.1 | 20 |
| 69 | Analysis of ASB10 variants in open angle glaucoma. Human Molecular Genetics, 2012, 21, 4543-4548. | 2.9 | 20 |
| 70 | The Utility of Diaton Tonometer Measurements in Patients With Ocular Hypertension, Glaucoma, and Glaucoma Tube Shunts: A Preliminary Study for its Potential Use in Keratoprosthesis Patients. Journal of Glaucoma, 2016, 25, 643-647. | 1.6 | 19 |
| 71 | Threshold Equivalence Between Perimeters. American Journal of Ophthalmology, 1989, 107, 493-505. | 3.3 | 18 |
| 72 | The Heritability of Pigment Dispersion Syndrome and Pigmentary Glaucoma. American Journal of Ophthalmology, 2019, 202, 55-61. | 3.3 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Low-energy Argon Laser Suture Lysis After Trabeculectomy. American Journal of Ophthalmology, 1994, 117, 800-801. | 3.3 | 14 |
| 74 | A History of Gonioscopy. Optometry and Vision Science, 2011, 88, 29-35. | 1.2 | 14 |
| 75 | Asymmetric Pigmentary Glaucoma Caused by Unilateral Angle Recession. American Journal of Ophthalmology, 1993, 116, 765-766. | 3.3 | 11 |
| 76 | Histochemical Analysis of Glaucoma Caused by a Myocilin Mutation in a Human Donor Eye. Ophthalmology Glaucoma, 2018, 1, 132-138. | 1.9 | 11 |
| 77 | A Placebo for Mitomycin C. Ophthalmology, 1993, 100, 292. | 5.2 | 10 |
| 78 | Aggressive Nevus of the Iris With Secondary Glaucoma in a Child. American Journal of Ophthalmology, 1995, 119, 367-368. | 3.3 | 10 |
| 79 | Heterozygous Triplication of Upstream Regulatory Sequences Leads to Dysregulation of Matrix Metalloproteinase 19 in Patients with Cavitory Optic Disc Anomaly. Human Mutation, 2015, 36, 369-378. | 2.5 | 10 |
| 80 | Novel Intragenic <i>PAX6</i> Deletion in a Pedigree with Aniridia, Morbid Obesity, and Diabetes. Current Eye Research, 2020, 45, 91-96. | 1.5 | 10 |
| 81 | Macular degeneration and glaucoma-like optic nerve head cupping. American Journal of Ophthalmology, 2004, 138, 135-136. | 3.3 | 9 |
| 82 | Circumferential Iris Transillumination Defects in Exfoliation Syndrome. Journal of Glaucoma, 2013, 22, 555-558. | 1.6 | 9 |
| 83 | Boston type 1 keratoprosthesis for primary congenital glaucoma. British Journal of Ophthalmology, 2016, 100, 328-331. | 3.9 | 8 |
| 84 | Identification of Proteins that Interact with TANK Binding Kinase 1 and Testing for Mutations Associated with Glaucoma. Current Eye Research, 2013, 38, 310-315. | 1.5 | 7 |
| 85 | Myositis associated with a Baerveldt glaucoma implant. American Journal of Ophthalmology, 1999, 128, 375-376. | 3.3 | 6 |
| 86 | Genomic Organization of TBK1 Copy Number Variations in Glaucoma Patients. Journal of Glaucoma, 2017, 26, 1063-1067. | 1.6 | 6 |
| 87 | Atypical pigment dispersion syndrome in a child. American Journal of Ophthalmology, 2004, 137, 753-756. | 3.3 | 5 |
| 88 | Additive efficacy of unoprostone isopropyl 0.12% (rescula) to latanoprost 0.005%. American Journal of Ophthalmology, 2001, 132, 449-450. | 3.3 | 4 |
| 89 | Intra-operative gonioscopy: a key to successful angle surgery. Expert Review of Ophthalmology, 2014, 9, 515-527. | 0.6 | 4 |
| 90 | Gonioscopy-Assisted Transluminal Trabeculotomy for Myocilin Juvenile Glaucoma. Ophthalmology Glaucoma, 2022, 5, 369-370. | 1.9 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Movement of Retinal Vessels to Optic Nerve Head with Intraocular Pressure Elevation in a Child. <i>Ophthalmology</i> , 2015, 122, 1532-1534. | 5.2 | 3 |
| 92 | Progressive axial myopia in a juvenile patient with traumatic glaucoma. <i>American Journal of Ophthalmology</i> , 2002, 133, 700-702. | 3.3 | 2 |
| 93 | Idiopathic Bilateral Profound Hypotony in an Unknown Progressive Neurodegenerative Disorder. <i>Journal of Glaucoma</i> , 2017, 26, e168-e170. | 1.6 | 2 |
| 94 | Accurate Identification of the Trabecular Meshwork under Gonioscopic View in Real Time Using Deep Learning. <i>Ophthalmology Glaucoma</i> , 2022, 5, 402-412. | 1.9 | 2 |
| 95 | Posterior Embryotoxon Revisited: An Immunohistologic Study. <i>Ophthalmology Glaucoma</i> , 2022, , . | 1.9 | 2 |
| 96 | The Centennial of Modern Gonioscopy. <i>Ophthalmologica</i> , 2015, 233, 58-59. | 1.9 | 1 |
| 97 | Upper Eyelid Splitting to Facilitate the Insertion of Glaucoma Drainage Devices. <i>Journal of Glaucoma</i> , 2017, 26, e249-e251. | 1.6 | 1 |
| 98 | The Red Badge. <i>Ophthalmology</i> , 2016, 123, S30-S31. | 5.2 | 0 |
| 99 | Sunshine Has Darkened my Worldview. <i>American Journal of Ophthalmology</i> , 2017, 175, xii-xiii. | 3.3 | 0 |
| 100 | Idiopathic Bilateral Profound Hypotony in an Unknown Progressive Neurodegenerative Disorder. <i>Journal of Glaucoma</i> , 2018, 27, e30-e30. | 1.6 | 0 |
| 101 | Progressive Optic Disc Cupping Over 20 Years in a Patient with TBK1-Associated Glaucoma. <i>Ophthalmology Glaucoma</i> , 2020, 3, 167-168. | 1.9 | 0 |
| 102 | The Invisible Paper that Shook Ophthalmology. <i>American Journal of Ophthalmology</i> , 2021, 225, 185-186. | 3.3 | 0 |