

Anthony J Aldave

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

2,643
citations

279487

23
h-index

197535

49
g-index

68
all docs

68
docs citations

68
times ranked

1962
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | IC3D Classification of Corneal Dystrophies—Edition 2. <i>Cornea</i> , 2015, 34, 117-159. | 0.9 | 425 |
| 2 | The Boston Type I Keratoprosthesis. <i>Ophthalmology</i> , 2009, 116, 640-651. | 2.5 | 286 |
| 3 | The IC3D Classification of the Corneal Dystrophies. <i>Cornea</i> , 2008, 27, S1-S42. | 0.9 | 277 |
| 4 | International Results with the Boston Type I Keratoprosthesis. <i>Ophthalmology</i> , 2012, 119, 1530-1538. | 2.5 | 158 |
| 5 | Report of the Eye Bank Association of America Medical Advisory Board Subcommittee on Fungal Infection After Corneal Transplantation. <i>Cornea</i> , 2013, 32, 149-154. | 0.9 | 106 |
| 6 | Etiology of Global Corneal Blindness and Current Practices of Corneal Transplantation: A Focused Review. <i>Cornea</i> , 2018, 37, 1198-1203. | 0.9 | 92 |
| 7 | NoVSX1 Gene Mutations Associated with Keratoconus. , 2006, 47, 2820. | | 87 |
| 8 | Outcomes After DSEK in 101 Eyes With Previous Trabeculectomy and Tube Shunt Implantation. <i>Cornea</i> , 2014, 33, 223-229. | 0.9 | 81 |
| 9 | Corneal Endothelium in Patients with Anterior Uveitis. <i>Ophthalmology</i> , 2016, 123, 1637-1645. | 2.5 | 74 |
| 10 | Transcriptomic Analysis of Cultured Corneal Endothelial Cells as a Validation for Their Use in Cell Replacement Therapy. <i>Cell Transplantation</i> , 2016, 25, 1159-1176. | 1.2 | 58 |
| 11 | Autosomal Recessive CHED Associated With Novel Compound Heterozygous Mutations in SLC4A11. <i>Cornea</i> , 2007, 26, 896-900. | 0.9 | 57 |
| 12 | Posterior polymorphous corneal dystrophy is associated with <i>TCF8</i> gene mutations and abdominal hernia. <i>American Journal of Medical Genetics, Part A</i> , 2007, 143A, 2549-2556. | 0.7 | 57 |
| 13 | Corneal Endothelial Cell Loss 3 Years After Successful Descemet Stripping Automated Endothelial Keratoplasty in the Cornea Preservation Time Study. <i>JAMA Ophthalmology</i> , 2017, 135, 1394. | 1.4 | 49 |
| 14 | Safety of Concurrent Boston Type I Keratoprosthesis and Glaucoma Drainage Device Implantation. <i>Ophthalmology</i> , 2017, 124, 12-19. | 2.5 | 44 |
| 15 | Classification of Posterior Polymorphous Corneal Dystrophy as a Corneal Ectatic Disorder Following Confirmation of Associated Significant Corneal Steepening. <i>JAMA Ophthalmology</i> , 2013, 131, 1583. | 1.4 | 41 |
| 16 | Phenotypic and functional characterization of corneal endothelial cells during in vitro expansion. <i>Scientific Reports</i> , 2020, 10, 7402. | 1.6 | 41 |
| 17 | Multifunctional ion transport properties of human SLC4A11: comparison of the SLC4A11-B and SLC4A11-C variants. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C820-C830. | 2.1 | 40 |
| 18 | A Clinical and Histopathologic Examination of Accelerated TGFβ1p Deposition After LASIK in Combined Granular-Lattice Corneal Dystrophy. <i>American Journal of Ophthalmology</i> , 2007, 143, 416-419. | 1.7 | 37 |

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|----|---|------|-----------|
| 19 | Long-Term Visual Outcomes, Complications, and Retention of the Boston Type I Keratoprosthesis. <i>Cornea</i> , 2018, 37, 3-10. | 0.9 | 36 |
| 20 | Identification of mutations in UBIAD1 following exclusion of coding mutations in the chromosome 1p36 locus for Schnyder crystalline corneal dystrophy. <i>Molecular Vision</i> , 2007, 13, 1777-82. | 1.1 | 31 |
| 21 | Posterior Amorphous Corneal Dystrophy Is Associated with a Deletion of Small Leucine-rich Proteoglycans on Chromosome 12. <i>PLoS ONE</i> , 2014, 9, e95037. | 1.1 | 28 |
| 22 | Recurrent corneal erosion syndrome. <i>British Journal of Ophthalmology</i> , 2019, 103, 1204-1208. | 2.1 | 27 |
| 23 | Epithelial Debridement and Bowman's Layer Polishing for Visually Significant Epithelial Irregularity and Recurrent Corneal Erosions. <i>Cornea</i> , 2009, 28, 1085-1090. | 0.9 | 26 |
| 24 | Corneal Blindness in Asia: A Systematic Review and Meta-Analysis to Identify Challenges and Opportunities. <i>Cornea</i> , 2020, 39, 1196-1205. | 0.9 | 26 |
| 25 | Outcomes of the Boston Type I Keratoprosthesis as the Primary Penetrating Corneal Procedure. <i>Cornea</i> , 2018, 37, 1400-1407. | 0.9 | 25 |
| 26 | Linkage of Posterior Amorphous Corneal Dystrophy to Chromosome 12q21.33 and Exclusion of Coding Region Mutations in <i>KERA</i> , <i>LUM</i> , <i>DCN</i> , and <i>EPYC</i> . , 2010, 51, 4006. | | 24 |
| 27 | Development of a nomogram for femtosecond laser astigmatic keratotomy for astigmatism after keratoplasty. <i>Journal of Cataract and Refractive Surgery</i> , 2016, 42, 556-562. | 0.7 | 24 |
| 28 | Transcriptomic Profiling of Posterior Polymorphous Corneal Dystrophy. , 2017, 58, 3202. | | 24 |
| 29 | Corneal dystrophies. <i>Nature Reviews Disease Primers</i> , 2020, 6, 46. | 18.1 | 24 |
| 30 | Comparison of Endothelial Keratoplasty Techniques in Patients With Prior Glaucoma Surgery: A Case-Matched Study. <i>American Journal of Ophthalmology</i> , 2019, 206, 94-101. | 1.7 | 21 |
| 31 | The Genetics of the Corneal Dystrophies. <i>Developments in Ophthalmology</i> , 2011, 48, 51-66. | 0.1 | 20 |
| 32 | ZEB1 insufficiency causes corneal endothelial cell state transition and altered cellular processing. <i>PLoS ONE</i> , 2019, 14, e0218279. | 1.1 | 20 |
| 33 | Confirmation of the OVOL2 Promoter Mutation c.-307T>C in Posterior Polymorphous Corneal Dystrophy 1. <i>PLoS ONE</i> , 2017, 12, e0169215. | 1.1 | 20 |
| 34 | Newly Reported p.Asp240Asn Mutation in UBIAD1 Suggests Central Discoid Corneal Dystrophy Is a Variant of Schnyder Corneal Dystrophy. <i>Cornea</i> , 2010, 29, 777-780. | 0.9 | 19 |
| 35 | Posterior polymorphous corneal dystrophy 3 is associated with agenesis and hypoplasia of the corpus callosum. <i>Vision Research</i> , 2014, 100, 88-92. | 0.7 | 18 |
| 36 | Complications Related to a Cosmetic Eye-Whitening Procedure. <i>American Journal of Ophthalmology</i> , 2014, 158, 967-973. | 1.7 | 17 |

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|----|--|-----|-----------|
| 37 | Alterations in GRHL2-OVOL2-ZEB1 axis and aberrant activation of Wnt signaling lead to altered gene transcription in posterior polymorphous corneal dystrophy. <i>Experimental Eye Research</i> , 2019, 188, 107696. | 1.2 | 16 |
| 38 | Infectious keratitis after lamellar keratoplasty. <i>Survey of Ophthalmology</i> , 2021, 66, 623-643. | 1.7 | 14 |
| 39 | No Pathogenic Mutations Identified in the TGFBI Gene in Polymorphic Corneal Amyloid Deposition. <i>Cornea</i> , 2006, 25, 413-415. | 0.9 | 13 |
| 40 | Variant lattice corneal dystrophy associated with compound heterozygous mutations in the <i>TGFBI</i> gene. <i>British Journal of Ophthalmology</i> , 2017, 101, 509-513. | 2.1 | 13 |
| 41 | Elucidating the molecular basis of PPCD: Effects of decreased ZEB1 expression on corneal endothelial cell function. <i>Molecular Vision</i> , 2017, 23, 740-752. | 1.1 | 13 |
| 42 | Exclusion of Positional Candidate Gene Coding Region Mutations in the Common Posterior Polymorphous Corneal Dystrophy 1 Candidate Gene Interval. <i>Cornea</i> , 2009, 28, 801-807. | 0.9 | 12 |
| 43 | Long-term outcomes of the Boston type I keratoprosthesis in eyes with previous herpes simplex virus keratitis. <i>British Journal of Ophthalmology</i> , 2018, 102, 48-53. | 2.1 | 12 |
| 44 | COVID and the Cornea: From Controversies to Consensus. <i>Cornea</i> , 2021, 40, 809-816. | 0.9 | 12 |
| 45 | Whole Exome Sequencing and Segregation Analysis Confirms That a Mutation in COL17A1 Is the Cause of Epithelial Recurrent Erosion Dystrophy in a Large Dominant Pedigree Previously Mapped to Chromosome 10q23-q24. <i>PLoS ONE</i> , 2016, 11, e0157418. | 1.1 | 10 |
| 46 | Identification of novel PIKFYVE gene mutations associated with Fleck corneal dystrophy. <i>Molecular Vision</i> , 2015, 21, 1093-100. | 1.1 | 10 |
| 47 | Autosomal Dominant Cornea Plana is not Associated with Pathogenic Mutations in DCN, DSPG3, FOXC1, KERA, LUM, or PITX2. <i>Ophthalmic Genetics</i> , 2007, 28, 57-67. | 0.5 | 9 |
| 48 | Hereditary Benign Intraepithelial Dyskeratosis: Report of a Case and Re-examination of the Evidence for Locus Heterogeneity. <i>Ophthalmic Genetics</i> , 2016, 37, 1-5. | 0.5 | 9 |
| 49 | Identification of the First <i>De Novo</i> UBIAD1 Gene Mutation Associated with Schnyder Corneal Dystrophy. <i>Journal of Ophthalmology</i> , 2016, 2016, 1-9. | 0.6 | 9 |
| 50 | Identification of Potentially Pathogenic Variants in the Posterior Polymorphous Corneal Dystrophy 1 Locus. <i>PLoS ONE</i> , 2016, 11, e0158467. | 1.1 | 9 |
| 51 | Punctiform and Polychromatic Pre-Descemet Corneal Dystrophy: Clinical Evaluation and Identification of the Genetic Basis. <i>American Journal of Ophthalmology</i> , 2020, 212, 88-97. | 1.7 | 6 |
| 52 | POSTOPERATIVE POSTERIOR SEGMENT COMPLICATIONS AFTER BOSTON TYPE 1 KERATOPROSTHESIS. <i>Retina</i> , 2021, 41, 2499-2509. | 1.0 | 6 |
| 53 | Identification of presumed pathogenic KRT3 and KRT12 gene mutations associated with Meesmann corneal dystrophy. <i>Molecular Vision</i> , 2015, 21, 1378-86. | 1.1 | 5 |
| 54 | Multimodal Imaging of Pre-Descemet Corneal Dystrophy Associated With X-Linked Ichthyosis and Deletion of the STS Gene. <i>Cornea</i> , 2020, 39, 1442-1445. | 0.9 | 4 |

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|----|--|-----|-----------|
| 55 | Sutured Custom Foldable Silicone Artificial Iris Implantation Combined With Intraocular Lens Implantation and Penetrating Keratoplasty. <i>Cornea</i> , 2020, Publish Ahead of Print, 1236-1247. | 0.9 | 4 |
| 56 | Confirmation and refinement of the heterozygous deletion of the small leucine-rich proteoglycans associated with posterior amorphous corneal dystrophy. <i>Ophthalmic Genetics</i> , 2018, 39, 419-424. | 0.5 | 3 |
| 57 | Identification of a Novel Missense <i>KRT12</i> Mutation in a Vietnamese Family with Meesmann Corneal Dystrophy. <i>Case Reports in Ophthalmology</i> , 2020, 11, 120-126. | 0.3 | 3 |
| 58 | Idiopathic Vitritis after Boston Type 1 Keratoprosthesis Implantation: Incidence, Risk Factors and Outcomes in a Multicentric Cohort. <i>Ocular Immunology and Inflammation</i> , 2020, , 1-7. | 1.0 | 3 |
| 59 | Role of Antifungal Prophylaxis After Receipt of a Positive Donor Rim Fungal Culture: The Case for Treatment. <i>Cornea</i> , 2021, 40, 1093-1095. | 0.9 | 3 |
| 60 | Infectious Keratitis After Boston Type 1 Keratoprosthesis Implantation. <i>Cornea</i> , 2021, Publish Ahead of Print, 1298-1308. | 0.9 | 2 |
| 61 | Late Onset Interface Calcium Deposition After Laser In Situ Keratomileusis. <i>Cornea</i> , 2021, Publish Ahead of Print, 116-120. | 0.9 | 1 |
| 62 | Infectious keratitis in Vietnam: etiology, organisms, and management at Vietnam National Eye Hospital. <i>International Journal of Ophthalmology</i> , 2022, 15, 128-134. | 0.5 | 1 |
| 63 | Identification of A Novel <i>TGFB1</i> Gene Mutation (p.Serine524Cystine) Associated with Late Onset Recurrent Epithelial Erosions and Bowman Layer Opacities. <i>Ophthalmic Genetics</i> , 2020, 41, 639-644. | 0.5 | 0 |
| 64 | Atypical Corneal Deposits after Deep Anterior Lamellar Keratoplasty. <i>Ophthalmology</i> , 2020, 127, 466. | 2.5 | 0 |
| 65 | Corneal ectasia associated with posterior lamellar opacification. <i>Ophthalmic Genetics</i> , 2021, 42, 486-492. | 0.5 | 0 |
| 66 | Confirmation of association of <i>TGFB1</i> p.Ser591Phe mutation with variant lattice corneal dystrophy. <i>Ophthalmic Genetics</i> , 2022, , 1-4. | 0.5 | 0 |