Anthony J Aldave

List of Publications by Citations

66 papers	1,912 citations	20 h-index	43 g-index
68 ext. papers	2,298 ext. citations	4.1 avg, IF	4.67 L-index

#	Paper	IF	Citations
66	IC3D classification of corneal dystrophies--edition 2. *Cornea*, **2015**, 34, 117-59	3.1	286
65	The Boston type I keratoprosthesis: improving outcomes and expanding indications. *Ophthalmology* , **2009**, 116, 640-51	7.3	252
64	The IC3D classification of the corneal dystrophies. *Cornea*, **2008**, 27 Suppl 2, S1-83	3.1	181
63	International results with the Boston type I keratoprosthesis. *Ophthalmology*, **2012**, 119, 1530-8	7.3	139
62	Report of the Eye Bank Association of America medical advisory board subcommittee on fungal infection after corneal transplantation. *Cornea*, **2013**, 32, 149-54	3.1	86
61	No VSX1 gene mutations associated with keratoconus. *Investigative Ophthalmology and Visual Science*, **2006**, 47, 2820-2		81
60	Outcomes after DSEK in 101 eyes with previous trabeculectomy and tube shunt implantation. *Cornea*, **2014**, 33, 223-9	3.1	62
59	Etiology of Global Corneal Blindness and Current Practices of Corneal Transplantation: A Focused Review. *Cornea*, **2018**, 37, 1198-1203	3.1	51
58	Corneal Endothelium in Patients with Anterior Uveitis. *Ophthalmology*, **2016**, 123, 1637-1645	7.3	49
57	Autosomal recessive CHED associated with novel compound heterozygous mutations in SLC4A11. *Cornea*, **2007**, 26, 896-900	3.1	49
56	Posterior polymorphous corneal dystrophy is associated with TCF8 gene mutations and abdominal hernia. *American Journal of Medical Genetics, Part A*, **2007**, 143A, 2549-56	2.5	48
55	Transcriptomic Analysis of Cultured Corneal Endothelial Cells as a Validation for Their Use in Cell Replacement Therapy. *Cell Transplantation*, **2016**, 25, 1159-76	4	40
54	Corneal Endothelial Cell Loss 3 Years After Successful Descemet Stripping Automated Endothelial Keratoplasty in the Cornea Preservation Time Study: A Randomized Clinical Trial. *JAMA Ophthalmology*, **2017**, 135, 1394-1400	3.9	38
53	Classification of posterior polymorphous corneal dystrophy as a corneal ectatic disorder following confirmation of associated significant corneal steepening. *JAMA Ophthalmology*, **2013**, 131, 1583-90	3.9	36
52	A clinical and histopathologic examination of accelerated TGFBIp deposition after LASIK in combined granular-lattice corneal dystrophy. *American Journal of Ophthalmology*, **2007**, 143, 416-9	4.9	32
51	Safety of Concurrent Boston Type I Keratoprosthesis and Glaucoma Drainage Device Implantation. *Ophthalmology*, **2017**, 124, 12-19	7.3	28
50	Multifunctional ion transport properties of human SLC4A11: comparison of the SLC4A11-B and SLC4A11-C variants. *American Journal of Physiology - Cell Physiology*, **2016**, 311, C820-C830	5.4	28

49	Identification of mutations in UBIAD1 following exclusion of coding mutations in the chromosome 1p36 locus for Schnyder crystalline corneal dystrophy. *Molecular Vision*, **2007**, 13, 1777-82	2.3	27
48	Long-Term Visual Outcomes, Complications, and Retention of the Boston Type I Keratoprosthesis. *Cornea*, **2018**, 37, 3-10	3.1	25
47	Posterior amorphous corneal dystrophy is associated with a deletion of small leucine-rich proteoglycans on chromosome 12. *PLoS ONE*, **2014**, 9, e95037	3.7	23
46	Linkage of posterior amorphous corneal dystrophy to chromosome 12q21.33 and exclusion of coding region mutations in KERA, LUM, DCN, and EPYC **2010**, 51, 4006-12		20
45	Epithelial debridement and Bowman\'s layer polishing for visually significant epithelial irregularity and recurrent corneal erosions. *Cornea*, **2009**, 28, 1085-90	3.1	20
44	Transcriptomic Profiling of Posterior Polymorphous Corneal Dystrophy **2017**, 58, 3202-3214		19
43	Phenotypic and functional characterization of corneal endothelial cells during in vitro expansion. *Scientific Reports*, **2020**, 10, 7402	4.9	18
42	Development of a nomogram for femtosecond laser astigmatic keratotomy for astigmatism after keratoplasty. *Journal of Cataract and Refractive Surgery*, **2016**, 42, 556-62	2.3	17
41	Outcomes of the Boston Type I Keratoprosthesis as the Primary Penetrating Corneal Procedure. *Cornea*, **2018**, 37, 1400-1407	3.1	16
40	Newly reported p.Asp240Asn mutation in UBIAD1 suggests central discoid corneal dystrophy is a variant of Schnyder corneal dystrophy. *Cornea*, **2010**, 29, 777-80	3.1	15
39	Confirmation of the OVOL2 Promoter Mutation c.-307T>C in Posterior Polymorphous Corneal Dystrophy 1. *PLoS ONE*, **2017**, 12, e0169215	3.7	14
38	Comparison of Endothelial Keratoplasty Techniques in Patients With Prior Glaucoma Surgery: A Case-Matched Study. *American Journal of Ophthalmology*, **2019**, 206, 94-101	4.9	13
37	Complications related to a cosmetic eye-whitening procedure. *American Journal of Ophthalmology*, **2014**, 158, 967-73	4.9	13
36	Posterior polymorphous corneal dystrophy 3 is associated with agenesis and hypoplasia of the corpus callosum. *Vision Research*, **2014**, 100, 88-92	2.1	13
35	The genetics of the corneal dystrophies. *Developments in Ophthalmology*, **2011**, 48, 51-66		13
34	ZEB1 insufficiency causes corneal endothelial cell state transition and altered cellular processing. *PLoS ONE*, **2019**, 14, e0218279	3.7	12
33	Long-term outcomes of the Boston type I keratoprosthesis in eyes with previous herpes simplex virus keratitis. *British Journal of Ophthalmology*, **2018**, 102, 48-53	5.5	11
32	Exclusion of positional candidate gene coding region mutations in the common posterior polymorphous corneal dystrophy 1 candidate gene interval. *Cornea*, **2009**, 28, 801-7	3.1	11

31	No pathogenic mutations identified in the TGFBI gene in polymorphic corneal amyloid deposition. *Cornea*, **2006**, 25, 413-5	3.1	11
30	Recurrent corneal erosion syndrome. *British Journal of Ophthalmology*, **2019**, 103, 1204-1208	5.5	11
29	Variant lattice corneal dystrophy associated with compound heterozygous mutations in the gene. *British Journal of Ophthalmology*, **2017**, 101, 509-513	5.5	10
28	Alterations in GRHL2-OVOL2-ZEB1 axis and aberrant activation of Wnt signaling lead to altered gene transcription in posterior polymorphous corneal dystrophy. *Experimental Eye Research*, **2019**, 188, 107696	3.7	9
27	Identification of Potentially Pathogenic Variants in the Posterior Polymorphous Corneal Dystrophy 1 Locus. *PLoS ONE*, **2016**, 11, e0158467	3.7	8
26	Identification of novel PIKFYVE gene mutations associated with Fleck corneal dystrophy. *Molecular Vision*, **2015**, 21, 1093-100	2.3	8
25	Corneal dystrophies. *Nature Reviews Disease Primers*, **2020**, 6, 46	51.1	7
24	Elucidating the molecular basis of PPCD: Effects of decreased ZEB1 expression on corneal endothelial cell function. *Molecular Vision*, **2017**, 23, 740-752	2.3	7
23	Corneal Blindness in Asia: A Systematic Review and Meta-Analysis to Identify Challenges and Opportunities. *Cornea*, **2020**, 39, 1196-1205	3.1	7
22	Identification of the First De Novo UBIAD1 Gene Mutation Associated with Schnyder Corneal Dystrophy. *Journal of Ophthalmology*, **2016**, 2016, 1968493	2	7
21	Autosomal dominant cornea plana is not associated with pathogenic mutations in DCN, DSPG3, FOXC1, KERA, LUM, or PITX2. *Ophthalmic Genetics*, **2007**, 28, 57-67	1.2	6
20	Infectious keratitis after lamellar keratoplasty. *Survey of Ophthalmology*, **2021**, 66, 623-643	6.1	6
19	Hereditary Benign Intraepithelial Dyskeratosis: Report of a Case and Re-examination of the Evidence for Locus Heterogeneity. *Ophthalmic Genetics*, **2016**, 37, 76-80	1.2	5
18	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. *PLoS ONE*, **2016**, 11, e0157418	3.7	4
17	Punctiform and Polychromatic Pre-Descemet Corneal Dystrophy: Clinical Evaluation and Identification of the Genetic Basis. *American Journal of Ophthalmology*, **2020**, 212, 88-97	4.9	4
16	Identification of presumed pathogenic KRT3 and KRT12 gene mutations associated with Meesmann corneal dystrophy. *Molecular Vision*, **2015**, 21, 1378-86	2.3	3
15	Idiopathic Vitritis after Boston Type 1 Keratoprosthesis Implantation: Incidence, Risk Factors and Outcomes in a Multicentric Cohort. *Ocular Immunology and Inflammation*, **2020**, 1-7	2.8	3
14	POSTOPERATIVE POSTERIOR SEGMENT COMPLICATIONS AFTER BOSTON TYPE 1 KERATOPROSTHESIS: Incidence, Risk Factors, and Intermediate-Term Outcomes. *Retina*, **2021**, 41, 2499-2509	3.6	3

List of Publications

13	COVID and the Cornea: From Controversies to Consensus: Report of the Eye Bank Association of America Medical Advisory Board Policy and Position Review Subcommittee. *Cornea*, **2021**, 40, 809-816	3.1	2
12	Confirmation and refinement of the heterozygous deletion of the small leucine-rich proteoglycans associated with posterior amorphous corneal dystrophy. *Ophthalmic Genetics*, **2018**, 39, 419-424	1.2	1
11	Role of Antifungal Prophylaxis After Receipt of a Positive Donor Rim Fungal Culture: The Case for Treatment. *Cornea*, **2021**, 40, 1093-1095	3.1	1
10	Sutured Custom Foldable Silicone Artificial Iris Implantation Combined With Intraocular Lens Implantation and Penetrating Keratoplasty: Safety and Efficacy Outcomes. *Cornea*, **2021**, 40, 1236-1247	3.1	1
9	Identification of a Novel Missense Mutation in a Vietnamese Family with Meesmann Corneal Dystrophy. *Case Reports in Ophthalmology*, **2020**, 11, 120-126	0.7	1
8	Infectious Keratitis After Boston Type 1 Keratoprosthesis Implantation. *Cornea*, **2021**, 40, 1298-1308	3.1	1
7	Multimodal Imaging of Pre-Descemet Corneal Dystrophy Associated With X-Linked Ichthyosis and Deletion of the STS Gene. *Cornea*, **2020**, 39, 1442-1445	3.1	0
6	Atypical Corneal Deposits after Deep Anterior Lamellar Keratoplasty. *Ophthalmology*, **2020**, 127, 466	7.3	
5	Infectious keratitis in Vietnam: etiology, organisms, and management at Vietnam National Eye Hospital.. *International Journal of Ophthalmology*, **2022**, 15, 128-134	1.4	
4	Identification of A Novel TGFBI Gene Mutation (p.Serine524Cystine) Associated with Late Onset Recurrent Epithelial Erosions and Bowman Layer Opacities. *Ophthalmic Genetics*, **2020**, 41, 639-644	1.2	
3	Late Onset Interface Calcium Deposition After Laser In Situ Keratomileusis. *Cornea*, **2022**, 41, 116-120	3.1	
2	Corneal ectasia associated with posterior lamellar opacification. *Ophthalmic Genetics*, **2021**, 42, 486-492	1.2	
1	Confirmation of association of p.Ser591Phe mutation with variant lattice corneal dystrophy.. *Ophthalmic Genetics*, **2022**, 1-4	1.2	