Alice E Davidson

List of Publications by Year
in descending order

27 papers	949 citations	516710 16 h-index	610901 24 g-index
29 all docs	29 docs citations	29 times ranked	1564 citing authors

#	Article	IF	Citations
1	Retinal Structure and Function in Achromatopsia. Ophthalmology, 2014, 121, 234-245.	5.2	145
2	Clinical and Molecular Analysis of Stargardt Disease With Preserved Foveal Structure and Function. American Journal of Ophthalmology, 2013, 156, 487-501.e1.	3.3	100
3	Autosomal-Dominant Corneal Endothelial Dystrophies CHED1 and PPCD1 Are Allelic Disorders Caused by Non-coding Mutations in the Promoter of OVOL2. American Journal of Human Genetics, 2016, 98, 75-89.	6.2	70
4	Mutations in ARL2BP, Encoding ADP-Ribosylation-Factor-Like 2 Binding Protein, Cause Autosomal-Recessive Retinitis Pigmentosa. American Journal of Human Genetics, 2013, 93, 321-329.	6.2	67
5	Antisense Therapy for a Common Corneal Dystrophy Ameliorates TCF4 Repeat Expansion-Mediated Toxicity. American Journal of Human Genetics, 2018, 102, 528-539.	6.2	59
6	CRISPR/Cas9-targeted enrichment and long-read sequencing of the Fuchs endothelial corneal dystrophyâ€“associated TCF4 triplet repeat. Genetics in Medicine, 2019, 21, 2092-2102.	2.4	56
7	Mutations in CPAMD8 Cause a Unique Form of Autosomal-Recessive Anterior Segment Dysgenesis. American Journal of Human Genetics, 2016, 99, 1338-1352.	6.2	47
8	Ectopic GRHL2 Expression Due to Non-coding Mutations Promotes Cell State Transition and Causes Posterior Polymorphous Corneal Dystrophy 4. American Journal of Human Genetics, 2018, 102, 447-459.	6.2	45
9	Genetic Variants Associated With Corneal Biomechanical Properties and Potentially Conferring Susceptibility to Keratoconus in a Genome-Wide Association Study. JAMA Ophthalmology, 2019, 137, 1005.	2.5	45
10	TCF4-mediated Fuchs endothelial corneal dystrophy: Insights into a common trinucleotide repeat-associated disease. Progress in Retinal and Eye Research, 2021, 81, 100883.	15.5	40
11	A multi-ethnic genome-wide association study implicates collagen matrix integrity and cell differentiation pathways in keratoconus. Communications Biology, 2021, 4, 266.	4.4	36
12	Brittle Cornea Syndrome ZNF469 Mutation Carrier Phenotype and Segregation Analysis of Rare ZNF469 Variants in Familial Keratoconus. Investigative Ophthalmology and Visual Science, 2015, 56, 578-586.	3.3	33
13	Heterozygous deletions at the ZEB1 locus verify haploinsufficiency as the mechanism of disease for posterior polymorphous corneal dystrophy type 3. European Journal of Human Genetics, 2016, 24, 985-991.	2.8	33
14	Screening of a Large Cohort of Leber Congenital Amaurosis and Retinitis Pigmentosa Patients Identifies Novel LCA5 Mutations and New Genotype-Phenotype Correlations. Human Mutation, 2013, 34, 1537-1546.	2.5	32
15	Identification of Six Novel Mutations inZEB1and Description of the Associated Phenotypes in Patients with Posterior Polymorphous Corneal Dystrophy 3. Annals of Human Genetics, 2015, 79, 1-9.	0.8	29
16	Association of CHRDL1 Mutations and Variants with X-linked Megalocornea, NeuhÃuser Syndrome and Central Corneal Thickness. PLoS ONE, 2014, 9, e104163.	2.5	27
17	Genotype-Phenotype Correlation forTGFBICorneal Dystrophies Identifies p.(G623D) as a Novel Cause of Epithelial Basement Membrane Dystrophy. , 2016, 57, 5407.		22
18	IPSC-Derived Corneal Endothelial-like Cells Act as an Appropriate Model System to Assess the Impact of SLC4A11 Variants on Pre-mRNA Splicing. , 2019, 60, 3084.		18

#	Article	IF	Citations
19	Machine Learning Algorithms to Detect Subclinical Keratoconus: Systematic Review. JMIR Medical Informatics, 2021, 9, e27363.	2.6	12
20	A new paradigm for delivering personalised care: integrating genetics with surgical interventions in BEST1 mutations. Eye, 2020, 34, 577-583.	2.1	11
21	The utility of massively parallel sequencing for posterior polymorphous corneal dystrophy type 3 molecular diagnosis. Experimental Eye Research, 2019, 182, 160-166.	2.6	8
22	CUGC for posterior polymorphous corneal dystrophy (PPCD). European Journal of Human Genetics, 2020, 28, 126-131.	2.8	4
23	Coincidental Occurrence of Schnyder Corneal Dystrophy and Posterior Polymorphous Corneal Dystrophy Type 3. Cornea, 2019, 38, 758-760.	1.7	3
24	Non-Penetrance for Ocular Phenotype in Two Individuals Carrying Heterozygous Loss-of-Function ZEB1 Alleles. Genes, 2021, 12, 677.	2.4	3
25	Posterior corneal vesicles are not associated with the genetic variants that cause posterior polymorphous corneal dystrophy. Acta Ophthalmologica, 2022, 100, .	1.1	3
26	Novel diseaseâ€causing variants and phenotypic features of Xâ€linked megalocornea. Acta Ophthalmologica, 2021, , .	1.1	1
27	Should Patients with Kearns-Sayre Syndrome and Corneal Endothelial Failure Be Genotyped for a TCF4 Trinucleotide Repeat, Commonly Associated with Fuchs Endothelial Corneal Dystrophy?. Genes, 2021, 12, 1918.	2.4	0