Chitra Kannabiran

List of Publications by Year
in descending order

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64	1,718	394421	315739
papers	citations	19 h-index	38 g-index

68	68	68	2123
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NMNAT1 mutations cause Leber congenital amaurosis. Nature Genetics, 2012, 44, 1040-1045.	21.4	171
2	TGFBI gene mutations in corneal dystrophies. Human Mutation, 2006, 27, 615-625.	2.5	163
3	Premature Truncation of a Novel Protein, RD3, Exhibiting Subnuclear Localization Is Associated with Retinal Degeneration. American Journal of Human Genetics, 2006, 79, 1059-1070.	6.2	112
4	Autosomal recessive corneal endothelial dystrophy (CHED2) is associated with mutations in SLC4A11. Journal of Medical Genetics, 2006, 44, 64-68.	3.2	101
5	Structure-function analysis of the TBP-binding protein Dr1 reveals a mechanism for repression of class II gene transcription.. Genes and Development, 1994, 8, 2097-2109.	5.9	93
6	TGFBIGene Mutations Causing Lattice and Granular Corneal Dystrophies in Indian Patients. , 2005, 46, 121.		86
7	Stevens-Johnson syndrome: The role of an ophthalmologist. Survey of Ophthalmology, 2016, 61, 369-399.	4.0	65
8	Mutation of the gap junction protein alpha 8 (GJA8) gene causes autosomal recessive cataract. Journal of Medical Genetics, 2007, 44, e85-e85.	3.2	64
9	Trans-ethnic study confirmed independent associations of HLA-A*02:06 and HLA-B*44:03 with cold medicine-related Stevens-Johnson syndrome with severe ocular surface complications. Scientific Reports, 2014, 4, 5981.	3.3	59
10	Genetic Analysis of Indian Families with Autosomal Recessive Retinitis Pigmentosa by Homozygosity Screening. , 2009, 50, 4065.		57
11	IKZF1, a new susceptibility gene for cold medicineâ€“related Stevens-Johnson syndrome/toxic epidermal necrolysis with severe mucosal involvement. Journal of Allergy and Clinical Immunology, 2015, 135, 1538-1545.e17.	2.9	55
12	Mutational spectrum of the SLC4A11 gene in autosomal recessive congenital hereditary endothelial dystrophy. Molecular Vision, 2007, 13, 1327-32.	1.1	49
13	Phenotypic Characterization of Retinoblastoma for the Presence of Putative Cancer Stem-like Cell Markers by Flow Cytometry. , 2009, 50, 1506.		43
14	A missense mutation in LIM2 causes autosomal recessive congenital cataract. Molecular Vision, 2008, 14, 1204-8.	1.1	38
15	The adenovirus E1A 12S product displays functional redundancy in activating the human proliferating cell nuclear antigen promoter. Journal of Virology, 1993, 67, 507-515.	3.4	33
16	A comprehensive, sensitive and economical approach for the detection of mutations in the RB1 gene in retinoblastoma. Journal of Genetics, 2009, 88, 517-527.	0.7	32
17	Lack of Association of High-Risk Human Papillomavirus in Ocular Surface Squamous Neoplasia in India. Archives of Pathology and Laboratory Medicine, 2009, 133, 1246-1250.	2.5	32
18	Mutations in TULP1, NR2E3, and MFRP genes in Indian families with autosomal recessive retinitis pigmentosa. Molecular Vision, 2012, 18, 1165-74.	1.1	32

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19	Allelic heterogeneity of the carbohydrate sulfotransferaseâ€6 gene in patients with macular corneal dystrophy. Clinical Genetics, 2005, 68, 454-460.	2.0	31
20	RB1 gene mutations in retinoblastoma and its clinical correlation. Saudi Journal of Ophthalmology, 2010, 24, 119-123.	0.3	22
21	Homozygous Null Mutations in the ABCA4 Gene in Two Families With Autosomal Recessive Retinal Dystrophy. American Journal of Ophthalmology, 2006, 141, 906-913.	3.3	21
22	Mutational screening of the RB1 gene in Indian patients with retinoblastoma reveals eight novel and several recurrent mutations. Human Mutation, 2003, 22, 339-339.	2.5	19
23	Novel mutations of the carbohydrate sulfotransferase-6 (CHST6) gene causing macular corneal dystrophy in India. Molecular Vision, 2003, 9, 730-4.	1.1	19
24	Reliability of nested polymerase chain reaction in the diagnosis of bacterial endophthalmitis. American Journal of Ophthalmology, 2002, 133, 142-144.	3.3	18
25	Human Î²A3/A1-crystallin splicing mutation causes cataracts by activating the unfolded protein response and inducing apoptosis in differentiating lens fiber cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1214-1227.	3.8	18
26	Mutational screening of Indian families with hereditary congenital cataract. Molecular Vision, 2013, 19, 1141-8.	1.1	18
27	Genotype-Phenotype Correlation in 2 Indian Families With Severe Granular Corneal Dystrophy. JAMA Ophthalmology, 2005, 123, 1127.	2.4	17
28	A missense mutation inASRGL1is involved in causing autosomal recessive retinal degeneration. Human Molecular Genetics, 2016, 25, ddw113.	2.9	16
29	Coexistence of Congenital Hereditary Endothelial Dystrophy and Fuchs Endothelial Corneal Dystrophy Associated With SLC4A11 Mutations in Affected Families. Cornea, 2020, 39, 354-357.	1.7	16
30	Hypomethylation of the DNMT3L Promoter in Ocular Surface Squamous Neoplasia. Archives of Pathology and Laboratory Medicine, 2010, 134, 1193-1196.	2.5	16
31	Association of Human Leukocyte Antigen Class 1 genes with Stevens Johnson Syndrome with severe ocular complications in an Indian population. Scientific Reports, 2017, 7, 15960.	3.3	15
32	Mutational analysis of the RB1 gene in Indian patients with retinoblastoma. Ophthalmic Genetics, 2002, 23, 121-128.	1.2	14
33	Therapeutic avenues for hereditary forms of retinal blindness. Journal of Genetics, 2018, 97, 341-352.	0.7	13
34	Immunophenotypes of macular corneal dystrophy in India and correlation with mutations in CHST6. Molecular Vision, 2009, 15, 319-25.	1.1	12
35	Dual action of the adenovirus E1A 243R oncoprotein on the human proliferating cell nuclear antigen promoter: repression of transcriptional activation by p53. Oncogene, 1999, 18, 7825-7833.	5.9	10
36	Genetics of corneal endothelial dystrophies. Journal of Genetics, 2009, 88, 487-494.	0.7	10

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37	Identification of Key Genes and Pathways in Persistent Hyperplastic Primary Vitreous of the Eye Using Bioinformatic Analysis. Frontiers in Medicine, 2021, 8, 690594.	2.6	10
38	Mutation of SPATA7 in a family with autosomal recessive early-onset retinitis pigmentosa. Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research, 2012, 06, 301-3.	0.1	9
39	Posterior microphthalmos pigmentary retinopathy syndrome. Documenta Ophthalmologica, 2011, 122, 127-132.	2.2	8
40	Splicing aberrations caused by constitutional RB1 gene mutations in retinoblastoma. Journal of Biosciences, 2011, 36, 281-287.	1.1	8
41	Therapeutic avenues for hereditary forms of retinal blindness. Journal of Genetics, 2018, 97, 341-352.	0.7	7
42	Mapping of locus for autosomal dominant retinitis pigmentosa on chromosome 6q23. Human Genetics, 2012, 131, 717-723.	3.8	6
43	Macular Corneal Dystrophy: An Updated Review. Current Eye Research, 2021, 46, 765-770.	1.5	6
44	Update on the genetics of corneal endothelial dystrophies. Indian Journal of Ophthalmology, 2022, 70, 2239.	1.1	6
45	Screening for homozygosity by descent in families with autosomal recessive retinitis pigmentosa. Journal of Genetics, 2002, 81, 59-63.	0.7	5
46	Retinitis pigmentosa: genetics and gene-based approaches to therapy. Expert Review of Ophthalmology, 2008, 3, 417-429.	0.6	5
47	Genetics of Leber congenital amaurosis: an update. Expert Review of Ophthalmology, 2012, 7, 141-151.	0.6	5
48	Late occurrence of granular dystrophy in bilateral keratoconus: Penetrating keratoplasty and long-term follow-up. Indian Journal of Ophthalmology, 2011, 59, 398.	1.1	4
49	Mutation of the gap junction protein alpha 8 (GJA8) gene causes autosomal recessive cataract. BMJ Case Reports, 2009, 2009, bcr0620091995-bcr0620091995.	0.5	4
50	A cataractâ€causing connexin 50 mutant is mislocalized to the ER due to loss of the fourth transmembrane domain and cytoplasmic domain. FEBS Open Bio, 2013, 3, 22-29.	2.3	3
51	Genetic Markers for Stevens-Johnson Syndrome/Toxic Epidermal Necrolysis in the Asian Indian Population: Implications on Prevention. Frontiers in Genetics, 2020, 11, 607532.	2.3	3
52	Review: Intraflagellar transport proteins in the retina. Molecular Vision, 2020, 26, 652-660.	1.1	3
53	Genetics of Inherited Retinal Diseases in Understudied Populations. Frontiers in Genetics, 2022, 13, 858556.	2.3	3
54	Bilateral granular dystrophy: A clinicopathogenetic correlation after alcohol assisted debridement with phototherapeutic keratectomy. Medical Journal Armed Forces India, 2015, 71, S1-S4.	0.8	2

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55	Identification of Key Genes and Pathways in Persistent Hyperplastic Primary Vitreous of the Eye Using Bioinformatic Analysis. Frontiers in Medicine, 2021, 8, 690594.	2.6	2
56	Share, learn and get together: knowledge and information interactions at the XLV International Symposium of ISCEV - Hyderabad, India, 25-29 August 2007. Documenta Ophthalmologica, 2007, 115, 1-2.	2.2	1
57	Parents of Patients With Congenital Hereditary Endothelial Dystrophy Should Be Evaluated for Fuchs Endothelial Corneal Dystrophy. Cornea, 2017, 36, e34-e35.	1.7	1
58	The spermatogenesis-associated protein-7 (SPATA7) gene â€“ an overview. Ophthalmic Genetics, 2020, 41, 513-517.	1.2	1
59	Molecular and functional genetics of inherited eye disorders in India. Acta Ophthalmologica, 0, 86, 0-0.	1.1	1
60	Gene Expression Signatures in Stem Cells - Lessons for Therapy. International Journal of Human Genetics, 2007, 7, 83-89.	0.1	0
61	Genetics of eye diseases preface. Journal of Genetics, 2009, 88, 393-394.	0.7	0
62	A Fluorescent Quantitative Multiplex PCR Method to Detect Copy Number Changes in the RB1 Gene. Methods in Molecular Biology, 2018, 1726, 19-28.	0.9	0
63	Leber Congenital Amaurosis in Asia. Essentials in Ophthalmology, 2019, , 191-231.	0.1	0
64	Genetics of Cataract in Asia: An Overview of Research in Congenital and Age-Related Cataract with Emphasis on Indian Populations. Essentials in Ophthalmology, 2017, , 55-70.	0.1	0