Deepti Anand

List of Publications by Year
in descending order

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35 papers	1,179 citations	361413 20 h-index	414414 32 g-index
37 all docs	37 docs citations	37 times ranked	1460 citing authors

#	Article	IF	Citations
1	Marker-assisted improvement of bacterial blight resistance in parental lines of Pusa RH10, a superfine grain aromatic rice hybrid. Molecular Breeding, 2010, 26, 293-305.	2.1	122
2	Mutations in the Epithelial Cadherin-p120-Catenin Complex Cause Mendelian Non-Syndromic Cleft Lip with or without Cleft Palate. American Journal of Human Genetics, 2018, 102, 1143-1157.	6.2	94
3	Novel phenotypes and loci identified through clinical genomics approaches to pediatric cataract. Human Genetics, 2017, 136, 205-225.	3.8	73
4	iSyTE 2.0: a database for expression-based gene discovery in the eye. Nucleic Acids Research, 2018, 46, D875-D885.	14.5	71
5	Genomic analyses in African populations identify novel risk loci for cleft palate. Human Molecular Genetics, 2019, 28, 1038-1051.	2.9	61
6	Mutation update of transcription factor genesFOXE3,HSF4,MAF, andPITX3causing cataracts and other developmental ocular defects. Human Mutation, 2018, 39, 471-494.	2.5	60
7	Prox1 and fibroblast growth factor receptors form a novel regulatory loop controlling lens fiber differentiation and gene expression. Development (Cambridge), 2015, 143, 318-28.	2.5	59
8	Exome sequencing provides additional evidence for the involvement of ARHGAP29 in Mendelian orofacial clefting and extends the phenotypic spectrum to isolated cleft palate. Birth Defects Research, 2017, 109, 27-37.	1.5	49
9	Compound mouse mutants of bZIP transcription factors Mafg and Mafk reveal a regulatory network of non-crystallin genes associated with cataract. Human Genetics, 2015, 134, 717-735.	3.8	47
10	The RNA-binding protein Celf1 post-transcriptionally regulates p27Kip1 and Dnase2b to control fiber cell nuclear degradation in lens development. PLoS Genetics, 2018, 14, e1007278.	3.5	43
11	Systems biology of lens development: A paradigm for disease gene discovery in the eye. Experimental Eye Research, 2017, 156, 22-33.	2.6	39
12	A large multiethnic GWAS meta-analysis of cataract identifies new risk loci and sex-specific effects. Nature Communications, 2021, 12, 3595.	12.8	39
13	N-myc regulates growth and fiber cell differentiation in lens development. Developmental Biology, 2017, 429, 105-117.	2.0	37
14	A systematic genetic analysis and visualization of phenotypic heterogeneity among orofacial cleft GWAS signals. Genetic Epidemiology, 2019, 43, 704-716.	1.3	36
15	Adsorption and Desorption of Chlorinated Compounds from Pristine and Thermally Treated Multiwalled Carbon Nanotubes. Journal of Physical Chemistry C, 2011, 115, 4552-4557.	3.1	35
16	Molecular characterization of mouse lens epithelial cell lines and their suitability to study RNA granules and cataract associated genes. Experimental Eye Research, 2015, 131, 42-55.	2.6	29
17	RNA sequencing-based transcriptomic profiles of embryonic lens development for cataract gene discovery. Human Genetics, 2018, 137, 941-954.	3.8	29
18	An integrative approach to analyze microarray datasets for prioritization of genes relevant to lens biology and disease. Genomics Data, 2015, 5, 223-227.	1.3	27

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19	The Tudor-domain protein TDRD7, mutated in congenital cataract, controls the heat shock protein HSPB1 (HSP27) and lens fiber cell morphology. Human Molecular Genetics, 2020, 29, 2076-2097.	2.9	27
20	Mutations in GDF11 and the extracellular antagonist, Follistatin, as a likely cause of Mendelian forms of orofacial clefting in humans. Human Mutation, 2019, 40, 1813-1825.	2.5	26
21	Pathogenic variants in PLOD3 result in a Stickler syndrome-like connective tissue disorder with vascular complications. Journal of Medical Genetics, 2019, 56, 629-638.	3.2	23
22	Î²1-Integrin Deletion From the Lens Activates Cellular Stress Responses Leading to Apoptosis and Fibrosis. , 2017, 58, 3896.		19
23	High-throughput transcriptome analysis reveals that the loss of Pten activates a novel NKX6-1/RASGRP1 regulatory module to rescue microphthalmia caused by Fgfr2-deficient lenses. Human Genetics, 2019, 138, 1391-1407.	3.8	14
24	Molecular characterization of the human lens epithelium-derived cell line SRA01/04. Experimental Eye Research, 2019, 188, 107787.	2.6	14
25	Six2 regulates Pax9 expression, palatogenesis and craniofacial bone formation. Developmental Biology, 2020, 458, 246-256.	2.0	13
26	Validation of gene based marker-QTL association for grain dimension traits in rice. Journal of Plant Biochemistry and Biotechnology, 2013, 22, 467-473.	1.7	12
27	MS/MS in silico subtraction-based proteomic profiling as an approach to facilitate disease gene discovery: application to lens development and cataract. Human Genetics, 2020, 139, 151-184.	3.8	12
28	Genome-Wide Analysis of Differentially Expressed miRNAs and Their Associated Regulatory Networks in Lenses Deficient for the Congenital Cataract-Linked Tudor Domain Containing Protein TDRD7. Frontiers in Cell and Developmental Biology, 2021, 9, 615761.	3.7	12
29	Carbon nanotube-textured sand for controlling bioavailability of contaminated sediments. Nano Research, 2010, 3, 412-422.	10.4	11
30	Analysis of molecular diversity and fingerprinting of commercially grown Indian rice hybrids. Journal of Plant Biochemistry and Biotechnology, 2012, 21, 173-179.	1.7	11
31	Whole-genome sequencing reveals de-novo mutations associated with nonsyndromic cleft lip/palate. Scientific Reports, 2022, 12, .	3.3	11
32	Novel InDel variation in GS3 locus and development of InDel based marker for marker assisted breeding of short grain aromatic rices. Journal of Plant Biochemistry and Biotechnology, 2015, 24, 120-127.	1.7	8
33	Missense Pathogenic variants in KIF4A Affect Dental Morphogenesis Resulting in X-linked Taurodontism, Microdontia and Dens-Invaginatus. Frontiers in Genetics, 2019, 10, 800.	2.3	7
34	Identification of OAF and PVRL1 as candidate genes for an ocular anomaly characterized by Peters anomaly type 2 and ectopia lentis. Experimental Eye Research, 2018, 168, 161-170.	2.6	5
35	Variant analyses of candidate genes in orofacial clefts in multiâ€ethnic populations. Oral Diseases, 2022, 28, 1921-1935.	3.0	3