Arijit Mukhopadhyay

List of Publications by Year
in descending order

50	1,589	361413 20	330143 37
papers	citations	h-index	g-index

51	51	51	2605
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Next-Generation Sequencing of a 40 Mb Linkage Interval Reveals TSPAN12 Mutations in Patients with Familial Exudative Vitreoretinopathy. American Journal of Human Genetics, 2010, 86, 240-247.	6.2	202
2	L1 retrotransposition can occur early in human embryonic development. Human Molecular Genetics, 2007, 16, 1587-1592.	2.9	174
3	Overview of the mutation spectrum in familial exudative vitreoretinopathy and Norrie disease with identification of 21 novel variants in FZD4, LRP5, and NDP. Human Mutation, 2010, 31, 656-666.	2.5	126
4	Myocilin gene implicated in primary congenital glaucoma. Clinical Genetics, 2005, 67, 335-340.	2.0	102
5	Erosive Vitreoretinopathy and Wagner Disease Are Caused by Intronic Mutations inCSPG2/VersicanThat Result in an Imbalance of Splice Variants. , 2006, 47, 3565.		77
6	Genome-wide analysis reveals downregulation of miR-379/miR-656 cluster in human cancers. Biology Direct, 2013, 8, 10.	4.6	69
7	Clinical and Molecular Evaluation of Probands and Family Members with Familial Exudative Vitreoretinopathy. , 2009, 50, 4379.		68
8	A-to-I editing in human miRNAs is enriched in seed sequence, influenced by sequence contexts and significantly hypoedited in glioblastoma multiforme. Scientific Reports, 2017, 7, 2466.	3.3	58
9	Recent advances in molecular genetics of glaucoma. Molecular and Cellular Biochemistry, 2003, 253, 223-231.	3.1	51
10	CDK19 is disrupted in a female patient with bilateral congenital retinal folds, microcephaly and mild mental retardation. Human Genetics, 2010, 128, 281-291.	3.8	50
11	Molecular pathology of haemophilia B: identification of five novel mutations including a LINE 1 insertion in Indian patients. Haemophilia, 2004, 10, 259-263.	2.1	45
12	Gene delivery to the retina: focus on non-viral approaches. Drug Discovery Today, 2009, 14, 306-315.	6.4	45
13	Altered expression and editing of miRNA-100 regulates iTreg differentiation. Nucleic Acids Research, 2015, 43, 8057-8065.	14.5	44
14	Mutations in MYOC gene of Indian primary open angle glaucoma patients. Molecular Vision, 2002, 8, 442-8.	1.1	38
15	miRvar: A comprehensive database for genomic variations in microRNAs. Human Mutation, 2011, 32, E2226-E2245.	2.5	35
16	Mitochondrial Genome Analysis of Primary Open Angle Glaucoma Patients. PLoS ONE, 2013, 8, e70760.	2.5	34
17	Recent Admixture in an Indian Population of African Ancestry. American Journal of Human Genetics, 2011, 89, 111-120.	6.2	32
18	Evaluation of Optineurin as a candidate gene in Indian patients with primary open angle glaucoma. Molecular Vision, 2005, 11, 792-7.	1.1	31

#	Article	IF	Citations
19	OCA1 in Different Ethnic Groups of India is Primarily Due to Founder Mutations in the Tyrosinase Gene. Annals of Human Genetics, 2006, 70, 623-630.	0.8	25
20	Novel internal regulators and candidate miRNAs within miR-379/miR-656 miRNA cluster can alter cellular phenotype of human glioblastoma. Scientific Reports, 2018, 8, 7673.	3.3	25
21	Determination of variants in the 3â€²-region of the Tyrosinase gene requires locus specific amplification. Human Mutation, 2005, 26, 53-58.	2.5	24
22	Bioinformatic approaches for identification and characterization of olfactomedin related genes with a potential role in pathogenesis of ocular disorders. Molecular Vision, 2004, 10, 304-14.	1.1	22
23	Myocilin Variants in Indian Patients With Open-angle Glaucoma. JAMA Ophthalmology, 2007, 125, 823.	2.4	20
24	Distribution of p53 codon 72 polymorphism in Indian primary open angle glaucoma patients. Molecular Vision, 2002, 8, 367-71.	1.1	20
25	Spectrum of large copy number variations in 26 diverse Indian populations: potential involvement in phenotypic diversity. Human Genetics, 2012, 131, 131-143.	3.8	17
26	Identification of miR-379/miR-656 (C14MC) cluster downregulation and associated epigenetic and transcription regulatory mechanism in oligodendrogliomas. Journal of Neuro-Oncology, 2018, 139, 23-31.	2.9	17
27	Analysis of haemophilia B database and strategies for identification of common point mutations in the factor IX gene. Haemophilia, 2003, 9, 187-192.	2.1	16
28	Genetic association and stress mediated down-regulation in trabecular meshwork implicates MPP7 as a novel candidate gene in primary open angle glaucoma. BMC Medical Genomics, 2016, 9, 15.	1.5	15
29	Did myocilin evolve from two different primordial proteins?. Molecular Vision, 2002, 8, 271-9.	1.1	13
30	TBK1 duplication is found in normal tension and not in high tension glaucoma patients of Indian origin. Journal of Genetics, 2016, 95, 459-461.	0.7	12
31	Evaluation of Genetic Association of the INK4 Locus with Primary Open Angle Glaucoma in East Indian Population. Scientific Reports, 2014, 4, 5115.	3.3	10
32	Gene-Rich Large Deletions Are Overrepresented in POAG Patients of Indian and Caucasian Origins. , 2014, 55, 3258.		9
33	Fusion transcripts in normal human cortex increase with age and show distinct genomic features for single cells and tissues. Scientific Reports, 2020, 10, 1368.	3.3	8
34	Identification and functional characterization of a novel MYOC mutation in two primary open angle glaucoma families from The Netherlands. Molecular Vision, 2007, 13, 1793-801.	1.1	8
35	Evaluation of the Role of LRRK2 Gene in Parkinsonâ€™s Disease in an East Indian Cohort. Disease Markers, 2012, 32, 355-362.	1.3	7
36	Complex genetics of glaucoma: defects in CYP1B1, and not MYOC, cause pathogenesis in an early-onset POAG patient with double variants at both loci. Journal of Genetics, 2008, 87, 265-269.	0.7	5

#	Article	IF	Citations
37	Variable Clinical Spectrum of the Myocilin Gln368X Mutation in a Dutch Family with Primary Open Angle Glaucoma. Current Eye Research, 2010, 35, 31-36.	1.5	5
38	Human Brain Shows Recurrent Non-Canonical MicroRNA Editing Events Enriched for Seed Sequence with Possible Functional Consequence. Non-coding RNA, 2020, 6, 21.	2.6	5
39	Evaluation of the role of LRRK2 gene in Parkinson's disease in an East Indian cohort. Disease Markers, 2012, 32, 355-62.	1.3	5
40	Myocilin mutation 1109 C>T (Pro 370 Leu) is the most common gene defect causing early onset primary open angle glaucoma. Indian Journal of Ophthalmology, 2003, 51, 279-81.	1.1	5
41	Nuclear morphology and c-Jun N-terminal kinase 1 expression differentiate serum-starved oxidative stress signalling from hydrogen peroxide-induced apoptosis in retinal neuronal cell line. Cell Biology International, 2012, 36, 1021-1027.	3.0	4
42	Genetic Association and Gene-gene interaction ofHAS2,HABP1andHYAL3Implicate Hyaluronan Metabolic Genes in Glaucomatous Neurodegeneration. Disease Markers, 2012, 33, 145-154.	1.3	4
43	Human brain harbors single nucleotide somatic variations in functionally relevant genes possibly mediated by oxidative stress. F1000Research, 2016, 5, 2520.	1.6	4
44	Diagnostic and Prognostic Potential of MiR-379/656 MicroRNA Cluster in Molecular Subtypes of Breast Cancer. Journal of Clinical Medicine, 2021, 10, 4071.	2.4	3
45	Recent Admixture in an Indian Population of African Ancestry. American Journal of Human Genetics, 2011, 89, 344.	6.2	0
46	Genome-wide analysis identifies common CNVs associated with primary open angle glaucoma. Molecular Cytogenetics, 2014, 7, P131.	0.9	0
47	Genomic copy number variations in glaucomatous neurodegeneration. Molecular Cytogenetics, 2014, 7, I33.	0.9	0
48	EPIG-08DOWNREGULATION OF miR-379/miR-656 CLUSTER (C14MC) IN OLIGODENDROGLIOMAS WITH POSSIBLE MECHANISTIC AND CLINICOPATHOLOGICAL IMPLICATIONS. Neuro-Oncology, 2015, 17, v87.4-v88.	1.2	0
49	Genomic Applications and Insights in Unravelling Cancer Signalling Pathways. , 2019, , 471-511.		0
50	Novel human pathological mutations. Gene symbol: MYOC. Disease: primary open angle glaucoma. Human Genetics, 2007, 122, 553.	3.8	0