

Nitin S Udar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

1,559
citations

23
h-index

39
g-index

50
ext. papers

1,768
ext. citations

4.2
avg, IF

3.49
L-index

#	Paper	IF	Citations
47	Ataxia-telangiectasia: identification and detection of founder-effect mutations in the ATM gene in ethnic populations. <i>American Journal of Human Genetics</i> , 1998 , 62, 86-97	11	129
46	A pooled case-control study of the apolipoprotein E (APOE) gene in age-related maculopathy. <i>Ophthalmic Genetics</i> , 2002 , 23, 209-23	1.2	116
45	SOD1: a candidate gene for keratoconus. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 3345-51		111
44	Molecular and bioenergetic differences between cells with African versus European inherited mitochondrial DNA haplogroups: implications for population susceptibility to diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 208-19	6.9	107
43	Mitochondrial DNA haplogroups associated with age-related macular degeneration 2009 , 50, 2966-74		99
42	Inherited mitochondrial DNA variants can affect complement, inflammation and apoptosis pathways: insights into mitochondrial-nuclear interactions. <i>Human Molecular Genetics</i> , 2014 , 23, 3537-51	5.6	84
41	Therapeutic potential of the poly(ADP-ribose) polymerase inhibitor rucaparib for the treatment of sporadic human ovarian cancer. <i>Molecular Cancer Therapeutics</i> , 2013 , 12, 1002-15	6.1	80
40	North Carolina Macular Dystrophy Is Caused by Dysregulation of the Retinal Transcription Factor PRDM13. <i>Ophthalmology</i> , 2016 , 123, 9-18	7.3	73
39	Mitochondrial DNA variants mediate energy production and expression levels for CFH, C3 and EFEMP1 genes: implications for age-related macular degeneration. <i>PLoS ONE</i> , 2013 , 8, e54339	3.7	69
38	Alu DNA polymorphism in ACE gene is protective for age-related macular degeneration. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 295, 668-72	3.4	56
37	Characterization of retinal and blood mitochondrial DNA from age-related macular degeneration patients 2010 , 51, 4289-97		44
36	Mitochondrial DNA variants can mediate methylation status of inflammation, angiogenesis and signaling genes. <i>Human Molecular Genetics</i> , 2015 , 24, 4491-503	5.6	41
35	Comparative analysis of the FOXL2 gene and characterization of mutations in BPES patients. <i>Human Mutation</i> , 2003 , 22, 222-8	4.7	37
34	Novel mutations in the carbohydrate sulfotransferase gene (CHST6) in American patients with macular corneal dystrophy. <i>American Journal of Ophthalmology</i> , 2004 , 137, 465-73	4.9	36
33	Lattice corneal dystrophy associated with the Ala546Asp and Pro551Gln missense changes in the TGFB1 gene. <i>American Journal of Ophthalmology</i> , 2004 , 138, 772-81	4.9	34
32	Mitochondrial DNA haplogroups confer differences in risk for age-related macular degeneration: a case control study. <i>BMC Medical Genetics</i> , 2013 , 14, 4	2.1	33
31	Candidate gene screening for posterior polymorphous dystrophy. <i>Cornea</i> , 2005 , 24, 151-5	3.1	32

30	Identification of GUCY2D gene mutations in CORD5 families and evidence of incomplete penetrance. <i>Human Mutation</i> , 2003 , 21, 170-1	4.7	30
29	SOD1 haplotypes in familial keratoconus. <i>Cornea</i> , 2009 , 28, 902-7	3.1	28
28	A North Carolina macular dystrophy phenotype in a Belizean family maps to the MCDR1 locus. <i>American Journal of Ophthalmology</i> , 1998 , 125, 502-8	4.9	28
27	Hereditary motor and sensory neuropathy type VI with optic atrophy. <i>American Journal of Ophthalmology</i> , 2003 , 136, 670-7	4.9	27
26	Pisces: an accurate and versatile variant caller for somatic and germline next-generation sequencing data. <i>Bioinformatics</i> , 2019 , 35, 1579-1581	7.2	27
25	Human retinal transmitochondrial cybrids with J or H mtDNA haplogroups respond differently to ultraviolet radiation: implications for retinal diseases. <i>PLoS ONE</i> , 2014 , 9, e99003	3.7	24
24	Identification of BPESC1, a novel gene disrupted by a balanced chromosomal translocation, t(3;4)(q23;p15.2), in a patient with BPES. <i>Genomics</i> , 2000 , 68, 296-304	4.3	23
23	Genomic organization of human DLG4, the gene encoding postsynaptic density 95. <i>Journal of Neurochemistry</i> , 1999 , 73, 2250-65	6	18
22	Keratoconus--no association with the transforming growth factor beta-induced gene in a cohort of American patients. <i>Cornea</i> , 2004 , 23, 13-7	3.1	18
21	North Carolina macular dystrophy: clinicopathologic correlation. <i>American Journal of Ophthalmology</i> , 2001 , 132, 933-935	4.9	18
20	Corneal Oxidative Damage in Keratoconus Cells due to Decreased Oxidant Elimination from Modified Expression Levels of SOD Enzymes, PRDX6, SCARA3, CPSF3, and FOXM1. <i>Journal of Ophthalmic and Vision Research</i> , 2019 , 14, 62-70	1.2	17
19	New mutation, P575L, in the GUCY2D gene in a family with autosomal dominant progressive cone degeneration. <i>JAMA Ophthalmology</i> , 2008 , 126, 397-403		15
18	Diagnostic Mutation Profiling and Validation of Non-Small-Cell Lung Cancer Small Biopsy Samples using a High Throughput Platform. <i>Journal of Thoracic Oncology</i> , 2015 , 10, 784-792	8.9	14
17	NS22: a highly polymorphic complex microsatellite marker within the ATM gene. <i>American Journal of Medical Genetics Part A</i> , 1999 , 82, 287-9		14
16	Clinical validation of the next-generation sequencing-based Extended RAS Panel assay using metastatic colorectal cancer patient samples from the phase 3 PRIME study. <i>Journal of Cancer Research and Clinical Oncology</i> , 2018 , 144, 2001-2010	4.9	13
15	European mtDNA Variants Are Associated With Differential Responses to Cisplatin, an Anticancer Drug: Implications for Drug Resistance and Side Effects. <i>Frontiers in Oncology</i> , 2019 , 9, 640	5.3	10
14	CAND3: A ubiquitously expressed gene immediately adjacent and in opposite transcriptional orientation to the ATM gene at 11q23.1. <i>Mammalian Genome</i> , 1997 , 8, 129-33	3.2	10
13	A multiplex assay for detecting genetic variations in CYP2C9, VKORC1, and GGCX involved in warfarin metabolism. <i>Clinical Chemistry</i> , 2009 , 55, 823-6	5.5	9

12	NORTH CAROLINA MACULAR DYSTROPHY (MCDR1) IN TEXAS. <i>Retina</i> , 1998 , 18, 448-452	3.6	9
11	Increased expression of ApoE and protection from amyloid-beta toxicity in transmitochondrial cybrids with haplogroup K mtDNA. <i>Neurobiology of Disease</i> , 2016 , 93, 64-77	7.5	8
10	Developmental or degenerative--NR2E3 gene mutations in two patients with enhanced S cone syndrome. <i>Molecular Vision</i> , 2011 , 17, 519-25	2.3	8
9	A novel approach to improve detection of somatic DNA variants in solid tumors by next-generation sequencing from FFPE samples.. <i>Journal of Clinical Oncology</i> , 2013 , 31, e22177-e22177	2.2	2
8	Differential effects of cisplatin on cybrid cells with varying mitochondrial DNA haplogroups. <i>PeerJ</i> , 2020 , 8, e9908	3.1	2
7	Genomic organization and cloning of the human homologue of murine Sipa-1. <i>Gene</i> , 1998 , 214, 215-21	3.8	1
6	Designing positive internal controls for mutation detection gels. <i>BioTechniques</i> , 1996 , 21, 1036-8	2.5	1
5	Best Vitelliform Macular Dystrophy (BVMD) is a phenocopy of North Carolina Macular Dystrophy (NCMD/MCDR1).. <i>Ophthalmic Genetics</i> , 2021 , 1-11	1.2	1
4	Development and Analytical Validation of a DNA Dual-Strand Approach for the US Food and Drug Administration-Approved Next-Generation Sequencing-Based Praxis Extended RAS Panel for Metastatic Colorectal Cancer Samples. <i>Journal of Molecular Diagnostics</i> , 2020 , 22, 159-178	5.1	1
3	Low frequency mitochondrial DNA heteroplasmy SNPs in blood, retina, and [RPE+choroid] of age-related macular degeneration subjects. <i>PLoS ONE</i> , 2021 , 16, e0246114	3.7	1
2	Mitochondrial Genetics of Retinal Disease 2013 , 635-641		0
1	A novel duplication involving in a Turkish family supports its role in North Carolina macular dystrophy (NCMD/MCDR1). <i>Molecular Vision</i> , 2021 , 27, 518-527	2.3	0