Nitin S Udar

List of Publications by Year in Descending Order

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	Best Vitelliform Macular Dystrophy (BVMD) is a phenocopy of North Carolina Macular Dystrophy (NCMD/MCDR1).. *Ophthalmic Genetics*, **2021**, 1-11	1.2	1
46	A novel duplication involving in a Turkish family supports its role in North Carolina macular dystrophy (NCMD/MCDR1). *Molecular Vision*, **2021**, 27, 518-527	2.3	0
45	Low frequency mitochondrial DNA heteroplasmy SNPs in blood, retina, and [RPE+choroid] of age-related macular degeneration subjects. *PLoS ONE*, **2021**, 16, e0246114	3.7	1
44	Differential effects of cisplatin on cybrid cells with varying mitochondrial DNA haplogroups. *PeerJ*, **2020**, 8, e9908	3.1	2
43	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. *Journal of Molecular Diagnostics*, **2020**, 22, 159-178	5.1	1
42	Corneal Oxidative Damage in Keratoconus Cells due to Decreased Oxidant Elimination from Modified Expression Levels of SOD Enzymes, PRDX6, SCARA3, CPSF3, and FOXM1. *Journal of Ophthalmic and Vision Research*, **2019**, 14, 62-70	1.2	17
41	European mtDNA Variants Are Associated With Differential Responses to Cisplatin, an Anticancer Drug: Implications for Drug Resistance and Side Effects. *Frontiers in Oncology*, **2019**, 9, 640	5.3	10
40	Pisces: an accurate and versatile variant caller for somatic and germline next-generation sequencing data. *Bioinformatics*, **2019**, 35, 1579-1581	7.2	27
39	Clinical validation of the next-generation sequencing-based Extended RAS Panel assay using metastatic colorectal cancer patient samples from the phase 3 PRIME study. *Journal of Cancer Research and Clinical Oncology*, **2018**, 144, 2001-2010	4.9	13
38	Increased expression of ApoE and protection from amyloid-beta toxicity in transmitochondrial cybrids with haplogroup K mtDNA. *Neurobiology of Disease*, **2016**, 93, 64-77	7.5	8
37	North Carolina Macular Dystrophy Is Caused by Dysregulation of the Retinal Transcription Factor PRDM13. *Ophthalmology*, **2016**, 123, 9-18	7.3	73
36	Mitochondrial DNA variants can mediate methylation status of inflammation, angiogenesis and signaling genes. *Human Molecular Genetics*, **2015**, 24, 4491-503	5.6	41
35	Diagnostic Mutation Profiling and Validation of Non-Small-Cell Lung Cancer Small Biopsy Samples using a High Throughput Platform. *Journal of Thoracic Oncology*, **2015**, 10, 784-792	8.9	14
34	Molecular and bioenergetic differences between cells with African versus European inherited mitochondrial DNA haplogroups: implications for population susceptibility to diseases. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2014**, 1842, 208-19	6.9	107
33	Inherited mitochondrial DNA variants can affect complement, inflammation and apoptosis pathways: insights into mitochondrial-nuclear interactions. *Human Molecular Genetics*, **2014**, 23, 3537-51	5.6	84
32	Human retinal transmitochondrial cybrids with J or H mtDNA haplogroups respond differently to ultraviolet radiation: implications for retinal diseases. *PLoS ONE*, **2014**, 9, e99003	3.7	24
31	Mitochondrial DNA haplogroups confer differences in risk for age-related macular degeneration: a case control study. *BMC Medical Genetics*, **2013**, 14, 4	2.1	33

30	Therapeutic potential of the poly(ADP-ribose) polymerase inhibitor rucaparib for the treatment of sporadic human ovarian cancer. *Molecular Cancer Therapeutics*, **2013**, 12, 1002-15	6.1	80
29	Mitochondrial Genetics of Retinal Disease **2013**, 635-641		0
28	Mitochondrial DNA variants mediate energy production and expression levels for CFH, C3 and EFEMP1 genes: implications for age-related macular degeneration. *PLoS ONE*, **2013**, 8, e54339	3.7	69
27	A novel approach to improve detection of somatic DNA variants in solid tumors by next-generation sequencing from FFPE samples.. *Journal of Clinical Oncology*, **2013**, 31, e22177-e22177	2.2	2
26	Developmental or degenerative--NR2E3 gene mutations in two patients with enhanced S cone syndrome. *Molecular Vision*, **2011**, 17, 519-25	2.3	8
25	Characterization of retinal and blood mitochondrial DNA from age-related macular degeneration patients **2010**, 51, 4289-97		44
24	A multiplex assay for detecting genetic variations in CYP2C9, VKORC1, and GGCX involved in warfarin metabolism. *Clinical Chemistry*, **2009**, 55, 823-6	5.5	9
23	SOD1 haplotypes in familial keratoconus. *Cornea*, **2009**, 28, 902-7	3.1	28
22	Mitochondrial DNA haplogroups associated with age-related macular degeneration **2009**, 50, 2966-74		99
21	New mutation, P575L, in the GUCY2D gene in a family with autosomal dominant progressive cone degeneration. *JAMA Ophthalmology*, **2008**, 126, 397-403		15
20	SOD1: a candidate gene for keratoconus. *Investigative Ophthalmology and Visual Science*, **2006**, 47, 3345-51		111
19	Candidate gene screening for posterior polymorphous dystrophy. *Cornea*, **2005**, 24, 151-5	3.1	32
18	Novel mutations in the carbohydrate sulfotransferase gene (CHST6) in American patients with macular corneal dystrophy. *American Journal of Ophthalmology*, **2004**, 137, 465-73	4.9	36
17	Lattice corneal dystrophy associated with the Ala546Asp and Pro551Gln missense changes in the TGFBI gene. *American Journal of Ophthalmology*, **2004**, 138, 772-81	4.9	34
16	Keratoconus--no association with the transforming growth factor beta-induced gene in a cohort of American patients. *Cornea*, **2004**, 23, 13-7	3.1	18
15	Comparative analysis of the FOXL2 gene and characterization of mutations in BPES patients. *Human Mutation*, **2003**, 22, 222-8	4.7	37
14	Identification of GUCY2D gene mutations in CORD5 families and evidence of incomplete penetrance. *Human Mutation*, **2003**, 21, 170-1	4.7	30
13	Hereditary motor and sensory neuropathy type VI with optic atrophy. *American Journal of Ophthalmology*, **2003**, 136, 670-7	4.9	27

12	A pooled case-control study of the apolipoprotein E (APOE) gene in age-related maculopathy. *Ophthalmic Genetics*, **2002**, 23, 209-23	1.2	116
11	Alu DNA polymorphism in ACE gene is protective for age-related macular degeneration. *Biochemical and Biophysical Research Communications*, **2002**, 295, 668-72	3.4	56
10	North Carolina macular dystrophy: clinicopathologic correlation. *American Journal of Ophthalmology*, **2001**, 132, 933-935	4.9	18
9	Identification of BPESC1, a novel gene disrupted by a balanced chromosomal translocation, t(3;4)(q23;p15.2), in a patient with BPES. *Genomics*, **2000**, 68, 296-304	4.3	23
8	Genomic organization of human DLG4, the gene encoding postsynaptic density 95. *Journal of Neurochemistry*, **1999**, 73, 2250-65	6	18
7	NS22: a highly polymorphic complex microsatellite marker within the ATM gene. *American Journal of Medical Genetics Part A*, **1999**, 82, 287-9		14
6	Genomic organization and cloning of the human homologue of murine Sipa-1. *Gene*, **1998**, 214, 215-21	3.8	1
5	Ataxia-telangiectasia: identification and detection of founder-effect mutations in the ATM gene in ethnic populations. *American Journal of Human Genetics*, **1998**, 62, 86-97	11	129
4	A North Carolina macular dystrophy phenotype in a Belizean family maps to the MCDR1 locus. *American Journal of Ophthalmology*, **1998**, 125, 502-8	4.9	28
3	NORTH CAROLINA MACULAR DYSTROPHY (MCDR1) IN TEXAS. *Retina*, **1998**, 18, 448-452	3.6	9
2	CAND3: A ubiquitously expressed gene immediately adjacent and in opposite transcriptional orientation to the ATM gene at 1lq23.1. *Mammalian Genome*, **1997**, 8, 129-33	3.2	10
1	Designing positive internal controls for mutation detection gels. *BioTechniques*, **1996**, 21, 1036-8	2.5	1