

# Nidhan Kumar K Biswas

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

3,277  
citations

623574

14  
h-index

501076

28  
g-index

32  
all docs

32  
docs citations

32  
times ranked

7402  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pan-cancer analysis of whole genomes. <i>Nature</i> , 2020, 578, 82-93.	13.7	1,966
2	Mutational landscape of gingivo-buccal oral squamous cell carcinoma reveals new recurrently-mutated genes and molecular subgroups. <i>Nature Communications</i> , 2013, 4, 2873.	5.8	318
3	The GenomeAsia 100K Project enables genetic discoveries across Asia. <i>Nature</i> , 2019, 576, 106-111.	13.7	265
4	Mutations in SARS-CoV-2 viral RNA identified in Eastern India: Possible implications for the ongoing outbreak in India and impact on viral structure and host susceptibility. <i>Journal of Biosciences</i> , 2020, 45, 1.	0.5	117
5	Analysis of RNA sequences of 3636 SARS-CoV-2 collected from 55 countries reveals selective sweep of one virus type. <i>Indian Journal of Medical Research</i> , 2020, 151, 450.	0.4	67
6	Sex differences in oncogenic mutational processes. <i>Nature Communications</i> , 2020, 11, 4330.	5.8	60
7	Increased risk of oral cancer in relation to common Indian mitochondrial polymorphisms and Autosomal <i>GSTP1</i> locus. <i>Cancer</i> , 2007, 110, 1991-1999.	2.0	46
8	Epigenomic dysregulation-mediated alterations of key biological pathways and tumor immune evasion are hallmarks of gingivo-buccal oral cancer. <i>Clinical Epigenetics</i> , 2019, 11, 178.	1.8	34
9	SARS-CoV-2 mutation 614G creates an elastase cleavage site enhancing its spread in high AAT-deficient regions. <i>Infection, Genetics and Evolution</i> , 2021, 90, 104760.	1.0	34
10	Lymph node metastasis in oral cancer is strongly associated with chromosomal instability and DNA repair defects. <i>International Journal of Cancer</i> , 2019, 145, 2568-2579.	2.3	33
11	Somatic mutations in arachidonic acid metabolism pathway genes enhance oral cancer post-treatment disease-free survival. <i>Nature Communications</i> , 2014, 5, 5835.	5.8	31
12	Hedgehog Signaling Pathway Is Active in GBM with GLI1 mRNA Expression Showing a Single Continuous Distribution Rather than Discrete High/Low Clusters. <i>PLoS ONE</i> , 2015, 10, e0116390.	1.1	27
13	Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples. <i>Nature Communications</i> , 2020, 11, 4748.	5.8	27
14	A large, systematic molecular-genetic study of G6PD in Indian populations identifies a new non-synonymous variant and supports recent positive selection. <i>Infection, Genetics and Evolution</i> , 2010, 10, 1228-1236.	1.0	22
15	Identification of African-Specific Admixture between Modern and Archaic Humans. <i>American Journal of Human Genetics</i> , 2019, 105, 1254-1261.	2.6	16
16	Variant allele frequency enrichment analysis in vitro reveals sonic hedgehog pathway to impede sustained temozolomide response in GBM. <i>Scientific Reports</i> , 2015, 5, 7915.	1.6	15
17	Study of Caspase 8 mutation in oral cancer and adjacent precancer tissues and implication in progression. <i>PLoS ONE</i> , 2020, 15, e0233058.	1.1	15
18	Integrative analysis of genomic and transcriptomic data of normal, tumour, and co-occurring leukoplakia tissue triads drawn from patients with gingivobuccal oral cancer identifies signatures of tumour initiation and progression. <i>Journal of Pathology</i> , 2022, 257, 593-606.	2.1	13

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19	A novel hotspot and rare somatic mutation p.A138V, at TP53 is associated with poor survival of pancreatic ductal and periampullary adenocarcinoma patients. <i>Molecular Medicine</i> , 2020, 26, 59.	1.9	12
20	Computational prediction of the molecular mechanism of statin group of drugs against SARS-CoV-2 pathogenesis. <i>Scientific Reports</i> , 2022, 12, 6241.	1.6	12
21	Analysis of the whole transcriptome from gingivo-buccal squamous cell carcinoma reveals deregulated immune landscape and suggests targets for immunotherapy. <i>PLoS ONE</i> , 2017, 12, e0183606.	1.1	10
22	Whole-exome analyses of congenital muscular dystrophy and congenital myopathy patients from India reveal a wide spectrum of known and novel mutations. <i>European Journal of Neurology</i> , 2021, 28, 992-1003.	1.7	9
23	Profiling of genomic alterations of mitochondrial DNA in gingivobuccal oral squamous cell carcinoma: Implications for disease progress. <i>Mitochondrion</i> , 2019, 46, 361-369.	1.6	8
24	Using HapMap data: a cautionary note. <i>European Journal of Human Genetics</i> , 2007, 15, 246-249.	1.4	7
25	Exome Sequencing Reveals the Likely Involvement of SOX10 in Uveal Melanoma. <i>Optometry and Vision Science</i> , 2014, 91, e185-e192.	0.6	6
26	Reciprocal interplay between asporin and decorin: Implications in gastric cancer prognosis. <i>PLoS ONE</i> , 2021, 16, e0255915.	1.1	6
27	Application of Random Forest and data integration identifies three dysregulated genes and enrichment of Central Carbon Metabolism pathway in Oral Cancer. <i>BMC Cancer</i> , 2020, 20, 1219.	1.1	5
28	dbGENVOC: database of GENomic Variants of Oral Cancer, with special reference to India. Database: the Journal of Biological Databases and Curation, 2021, 2021, .	1.4	1