

# Nidhan Kumar K Biswas

## List of Publications by Year in Descending Order

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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.

29  
papers

1,640  
citations

14  
h-index

32  
g-index

32  
ext. papers

2,625  
ext. citations

9.8  
avg, IF

7.19  
L-index

#	Paper	IF	Citations
29	Computational prediction of the molecular mechanism of statin group of drugs against SARS-CoV-2 pathogenesis.. <i>Scientific Reports</i> , <b>2022</b> , 12, 6241	4.9	1
28	SARS-CoV-2 mutation 614G creates an elastase cleavage site enhancing its spread in high AAT-deficient regions. <i>Infection, Genetics and Evolution</i> , <b>2021</b> , 90, 104760	4.5	18
27	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> , <b>2021</b> , 28, 992-1003	6	3
26	Underpinning the Rudimentary/Underlying Mechanisms Involved in the Pathogenesis of SARS-CoV-2 (COVID-19) in Human Lung Cells <b>2021</b> , 537-557		1
25	Reciprocal interplay between asporin and decorin: Implications in gastric cancer prognosis. <i>PLoS ONE</i> , <b>2021</b> , 16, e0255915	3.7	0
24	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> , <b>2020</b> , 20, 1219	4.8	1
23	Study of Caspase 8 mutation in oral cancer and adjacent precancer tissues and implication in progression. <i>PLoS ONE</i> , <b>2020</b> , 15, e0233058	3.7	9
22	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> , <b>2020</b> , 45, 1	2.3	80
21	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> , <b>2020</b> , 26, 59	6.2	5
20	Pan-cancer analysis of whole genomes. <i>Nature</i> , <b>2020</b> , 578, 82-93	50.4	840
19	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> , <b>2020</b> , 151, 450-458	2.9	54
18	Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples. <i>Nature Communications</i> , <b>2020</b> , 11, 4748	17.4	10
17	Sex differences in oncogenic mutational processes. <i>Nature Communications</i> , <b>2020</b> , 11, 4330	17.4	23
16	Lymph node metastasis in oral cancer is strongly associated with chromosomal instability and DNA repair defects. <i>International Journal of Cancer</i> , <b>2019</b> , 145, 2568-2579	7.5	19
15	The GenomeAsia 100K Project enables genetic discoveries across Asia. <i>Nature</i> , <b>2019</b> , 576, 106-111	50.4	112
14	Epigenomic dysregulation-mediated alterations of key biological pathways and tumor immune evasion are hallmarks of gingivo-buccal oral cancer. <i>Clinical Epigenetics</i> , <b>2019</b> , 11, 178	7.7	16
13	Identification of African-Specific Admixture between Modern and Archaic Humans. <i>American Journal of Human Genetics</i> , <b>2019</b> , 105, 1254-1261	11	9

12	Profiling of genomic alterations of mitochondrial DNA in gingivobuccal oral squamous cell carcinoma: Implications for disease progress. <i>Mitochondrion</i> , <b>2019</b> , 46, 361-369	4.9	7
11	Analysis of the whole transcriptome from gingivo-buccal squamous cell carcinoma reveals deregulated immune landscape and suggests targets for immunotherapy. <i>PLoS ONE</i> , <b>2017</b> , 12, e0183606	3.7	3
10	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> , <b>2015</b> , 10, e0116390	3.7	21
9	Variant allele frequency enrichment analysis in vitro reveals sonic hedgehog pathway to impede sustained temozolomide response in GBM. <i>Scientific Reports</i> , <b>2015</b> , 5, 7915	4.9	13
8	Somatic mutations in arachidonic acid metabolism pathway genes enhance oral cancer post-treatment disease-free survival. <i>Nature Communications</i> , <b>2014</b> , 5, 5835	17.4	20
7	Exome sequencing reveals the likely involvement of SOX10 in uveal melanoma. <i>Optometry and Vision Science</i> , <b>2014</b> , 91, e185-92	2.1	2
6	Mutational landscape of gingivo-buccal oral squamous cell carcinoma reveals new recurrently-mutated genes and molecular subgroups. <i>Nature Communications</i> , <b>2013</b> , 4, 2873	17.4	236
5	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> , <b>2010</b> , 10, 1228-36	4.5	15
4	Increased risk of oral cancer in relation to common Indian mitochondrial polymorphisms and Autosomal GSTP1 locus. <i>Cancer</i> , <b>2007</b> , 110, 1991-9	6.4	45
3	Using HapMap data: a cautionary note. <i>European Journal of Human Genetics</i> , <b>2007</b> , 15, 246-9	5.3	7
2	Global Spread of SARS-CoV-2 Subtype with Spike Protein Mutation D614G is Shaped by Human Genomic Variations that Regulate Expression of TMPRSS2 and MX1 Genes		63
1	PAN-INDIA 1000 SARS-CoV-2 RNA Genome Sequencing Reveals Important Insights into the Outbreak		7