

Nidhan Kumar K Biswas

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.

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	Pan-cancer analysis of whole genomes. <i>Nature</i> , 2020 , 578, 82-93	50.4	840
28	Mutational landscape of gingivo-buccal oral squamous cell carcinoma reveals new recurrently-mutated genes and molecular subgroups. <i>Nature Communications</i> , 2013 , 4, 2873	17.4	236
27	The GenomeAsia 100K Project enables genetic discoveries across Asia. <i>Nature</i> , 2019 , 576, 106-111	50.4	112
26	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	2.3	80
25	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
24	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, 450-458	2.9	54
23	Increased risk of oral cancer in relation to common Indian mitochondrial polymorphisms and Autosomal GSTP1 locus. <i>Cancer</i> , 2007 , 110, 1991-9	6.4	45
22	Sex differences in oncogenic mutational processes. <i>Nature Communications</i> , 2020 , 11, 4330	17.4	23
21	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	3.7	21
20	Somatic mutations in arachidonic acid metabolism pathway genes enhance oral cancer post-treatment disease-free survival. <i>Nature Communications</i> , 2014 , 5, 5835	17.4	20
19	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	7.5	19
18	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	4.5	18
17	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	7.7	16
16	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, 1228-36	4.5	15
15	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	4.9	13
14	Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples. <i>Nature Communications</i> , 2020 , 11, 4748	17.4	10
13	Study of Caspase 8 mutation in oral cancer and adjacent precancer tissues and implication in progression. <i>PLoS ONE</i> , 2020 , 15, e0233058	3.7	9

12	Identification of African-Specific Admixture between Modern and Archaic Humans. <i>American Journal of Human Genetics</i> , 2019 , 105, 1254-1261	11	9
11	Using HapMap data: a cautionary note. <i>European Journal of Human Genetics</i> , 2007 , 15, 246-9	5.3	7
10	PAN-INDIA 1000 SARS-CoV-2 RNA Genome Sequencing Reveals Important Insights into the Outbreak		7
9	Profiling of genomic alterations of mitochondrial DNA in gingivobuccal oral squamous cell carcinoma: Implications for disease progress. <i>Mitochondrion</i> , 2019 , 46, 361-369	4.9	7
8	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	6.2	5
7	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 ^{2.7}		3
6	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	6	3
5	Exome sequencing reveals the likely involvement of SOX10 in uveal melanoma. <i>Optometry and Vision Science</i> , 2014 , 91, e185-92	2.1	2
4	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	4.8	1
3	Underpinning the Rudimentary/Underlying Mechanisms Involved in the Pathogenesis of SARS-CoV-2 (COVID-19) in Human Lung Cells 2021 , 537-557		1
2	Computational prediction of the molecular mechanism of statin group of drugs against SARS-CoV-2 pathogenesis.. <i>Scientific Reports</i> , 2022 , 12, 6241	4.9	1
1	Reciprocal interplay between asporin and decorin: Implications in gastric cancer prognosis. <i>PLoS ONE</i> , 2021 , 16, e0255915	3.7	0