

Sankar Kumar Ghosh

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

864
citations

516710

16
h-index

501196

28
g-index

52
all docs

52
docs citations

52
times ranked

1448
citing authors

#	ARTICLE	IF	CITATIONS
1	A murine model of type 2 diabetes mellitus developed using a combination of high fat diet and multiple low doses of streptozotocin treatment mimics the metabolic characteristics of type 2 diabetes mellitus in humans. <i>Journal of Pharmacological and Toxicological Methods</i> , 2017, 84, 20-30.	0.7	91
2	Mitochondrial DNA Copy Number and Risk of Oral Cancer: A Report from Northeast India. <i>PLoS ONE</i> , 2013, 8, e57771.	2.5	66
3	Epigenetic, Genetic and Environmental Interactions in Esophageal Squamous Cell Carcinoma from Northeast India. <i>PLoS ONE</i> , 2013, 8, e60996.	2.5	66
4	Promoter Hypermethylation Profiling Identifies Subtypes of Head and Neck Cancer with Distinct Viral, Environmental, Genetic and Survival Characteristics. <i>PLoS ONE</i> , 2015, 10, e0129808.	2.5	58
5	Molecular Epidemiology of Amoebiasis: A Cross-Sectional Study among North East Indian Population. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004225.	3.0	51
6	An assessment of the DNA barcodes of Indian freshwater fishes. <i>Gene</i> , 2014, 537, 20-28.	2.2	41
7	Cell-free mitochondrial DNA copy number variation in head and neck squamous cell carcinoma: A study of non-invasive biomarker from Northeast India. <i>Tumor Biology</i> , 2017, 39, 101042831773664.	1.8	35
8	Combined effect of tobacco and DNA repair genes polymorphisms of XRCC1 and XRCC2 influence high risk of head and neck squamous cell carcinoma in northeast Indian population. <i>Medical Oncology</i> , 2014, 31, 67.	2.5	30
9	Application and optimization of minimally invasive cell-free DNA techniques in oncogenomics. <i>Tumor Biology</i> , 2018, 40, 101042831876034.	1.8	29
10	Accumulation of mutations over the complete mitochondrial genome in tobacco-related oral cancer from northeast India. <i>Mitochondrial DNA</i> , 2013, 24, 432-439.	0.6	28
11	Trend of different molecular markers in the last decades for studying human migrations. <i>Gene</i> , 2015, 556, 81-90.	2.2	23
12	Genetic assessment of ornamental fish species from North East India. <i>Gene</i> , 2015, 555, 382-392.	2.2	22
13	Utility of indels for species-level identification of a biologically complex plant group: a study with intergenic spacer in <i>Citrus</i> . <i>Molecular Biology Reports</i> , 2014, 41, 7217-7222.	2.3	21
14	Assessment of DNA repair susceptibility genes identified by whole exome sequencing in head and neck cancer. <i>DNA Repair</i> , 2018, 66-67, 50-63.	2.8	20
15	Association of mitochondrial D-loop mutations with GSTM1 and GSTT1 polymorphisms in oral carcinoma: A case control study from Northeast India. <i>Oral Oncology</i> , 2013, 49, 345-353.	1.5	19
16	Tobacco carcinogen-metabolizing genes CYP1A1, GSTM1, and GSTT1 polymorphisms and their interaction with tobacco exposure influence the risk of head and neck cancer in Northeast Indian population. <i>Tumor Biology</i> , 2015, 36, 5773-5783.	1.8	17
17	Gene-environment interaction and susceptibility in head and neck cancer patients and in their first-degree relatives: a study of northeast Indian population. <i>Journal of Oral Pathology and Medicine</i> , 2015, 44, 495-501.	2.7	17
18	Quick diagnosis of female genital tuberculosis using multiplex fast polymerase chain reaction in Southern Assam, India. <i>International Journal of Gynecology and Obstetrics</i> , 2012, 118, 72-73.	2.3	16

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19	The GSTM1 and GSTT1 Null Genotypes Increase the Risk for Type 2 Diabetes Mellitus and the Subsequent Development of Diabetic Complications: A Meta-analysis. <i>Current Diabetes Reviews</i> , 2018, 15, 31-43.	1.3	16
20	Dysfunction of mitochondria due to environmental carcinogens in nasopharyngeal carcinoma in the ethnic group of Northeast Indian population. <i>Tumor Biology</i> , 2014, 35, 6715-6724.	1.8	15
21	XPD, APE1, and MUTHYH polymorphisms increase head and neck cancer risk: effect of gene-gene and gene-environment interactions. <i>Tumor Biology</i> , 2015, 36, 7569-7579.	1.8	15
22	Genetic variants of the DNA repair genes from Exome Aggregation Consortium (EXAC) database: significance in cancer. <i>DNA Repair</i> , 2017, 52, 92-102.	2.8	13
23	ATM rs189037 (G>A) polymorphism and risk of lung cancer and head and neck cancer: A meta-analysis. <i>Meta Gene</i> , 2015, 6, 42-48.	0.6	12
24	Rectal cancer profiling identifies distinct subtypes in India based on age at onset, genetic, epigenetic and clinicopathological characteristics. <i>Molecular Carcinogenesis</i> , 2015, 54, 1786-1795.	2.7	12
25	Association between OGG1 Ser326Cys polymorphism and risk of upper aero-digestive tract and gastrointestinal cancers: a meta-analysis. <i>SpringerPlus</i> , 2016, 5, 227.	1.2	11
26	Association of DFNA5, SYK, and NELL1 variants along with HPV infection in oral cancer among the prolonged tobacco-chewers. <i>Tumor Biology</i> , 2018, 40, 101042831879302.	1.8	11
27	Association of HPV with genetic and epigenetic alterations in colorectal adenocarcinoma from Indian population. <i>Tumor Biology</i> , 2015, 36, 4661-4670.	1.8	10
28	Arginase and C-reactive protein as potential serum-based biomarker of head and neck squamous cell carcinoma patients of north east India. <i>Tumor Biology</i> , 2014, 35, 6739-6748.	1.8	9
29	Mini-DNA barcode in identification of the ornamental fish: A case study from Northeast India. <i>Gene</i> , 2017, 627, 248-254.	2.2	9
30	Metabolic Phase I (CYPs) and Phase II (GSTs) Gene Polymorphisms and Their Interaction with Environmental Factors in Nasopharyngeal Cancer from the Ethnic Population of Northeast India. <i>Pathology and Oncology Research</i> , 2019, 25, 33-44.	1.9	9
31	Molecular phylogeny of Indian horse breeds with special reference to Manipuri pony based on mitochondrial D-loop. <i>Molecular Biology Reports</i> , 2013, 40, 5861-5867.	2.3	7
32	Epigenetic pathogenesis of human papillomavirus in upper aerodigestive tract cancers. <i>Molecular Carcinogenesis</i> , 2015, 54, 1387-1396.	2.7	7
33	Design of character-based <sc>DNA</sc> barcode motif for species identification: A computational approach and its validation in fishes. <i>Molecular Ecology Resources</i> , 2017, 17, 1359-1370.	4.8	6
34	Genome-wide analysis of mammary gland shows modulation of transcriptome landscape with alternative splice variants in <i>Staphylococcus aureus</i> mastitis in mice. <i>Gene</i> , 2020, 735, 144278.	2.2	6
35	Influence of the CYP1A1 T3801C Polymorphism on Tobacco and Alcohol-Associated Head and Neck Cancer Susceptibility in Northeast India. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 6953-6961.	1.2	6
36	Modulation of L-Arginine-Arginase Metabolic Pathway Enzymes: Immunocytochemistry and mRNA Expression in Peripheral Blood and Tissue Levels in Head and Neck Squamous Cell Carcinomas in North East India. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 7031-7038.	1.2	6

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37	Polymorphisms of XRCC1 and XRCC2 DNA Repair genes and Interaction with Environmental Factors Influence the Risk of Nasopharyngeal Carcinoma in Northeast India. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 17, 2811-9.	1.2	6
38	<i>Streptococcus uberis</i> ST439 and ST475 induce differential inflammatory responses in a mouse intramammary infection model. <i>Gene</i> , 2016, 585, 247-255.	2.2	5
39	Detection of p16 Promoter Hypermethylation by Methylation-Specific PCR. <i>Methods in Molecular Biology</i> , 2018, 1726, 111-122.	0.9	5
40	Genetic status of indigenous poultry (red jungle fowl) from India. <i>Gene</i> , 2019, 705, 77-81.	2.2	4
41	DNA Barcoding: Molecular Positioning of Living Fossils (Horseshoe Crab). , 2016, , 181-199.		3
42	Unraveling the sequence information in COI barcode to achieve higher taxon assignment based on Indian freshwater fishes. <i>Mitochondrial DNA</i> , 2015, 26, 175-177.	0.6	2
43	BRCA1 and MDM2 as independent blood-based biomarkers of head and neck cancer. <i>Tumor Biology</i> , 2016, 37, 15729-15742.	1.8	2
44	Genetic assessment of leech species from yak (<i>Bos grunniens</i>) in the tract of Northeast India. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2018, 29, 73-81.	0.7	2
45	DNA Barcoding of Primitive Species-Nemertine from Sundarbans Marine Bio-resource. , 2016, , 157-168.		1
46	Whole exome sequencing identifies the potential role of genes involved in p53 pathway in Nasopharyngeal Carcinoma from Northeast India. <i>Gene</i> , 2022, 812, 146099.	2.2	1
47	The impact of prehistoric human dispersals on the presence of tobacco-related oral cancer in Northeast India. <i>Gene</i> , 2022, 813, 146098.	2.2	1
48	In silico assessment of DNA damage response gene variants associated with head and neck cancer. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 2090-2107.	3.5	1
49	Cancer Genomics and Diagnostics: Northeast Indian Scenario. , 2022, , 509-529.		1
50	Clinically significant variants associated with nasopharyngeal carcinoma: Findings of a meta-analysis study. <i>Meta Gene</i> , 2020, 24, 100688.	0.6	0
51	DNA-barcoding reveals cryptic diversity and re-evaluation of <i>Ocypode</i> (family: <i>Ocypodidae</i>) from the Sundarbans - UNESCO World Heritage Centre. <i>Animal Gene</i> , 2022, , 200127.	0.7	0