Sankar Kumar Ghosh

List of Publications by Year
in descending order

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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	In silico assessment of DNA damage response gene variants associated with head and neck cancer. Journal of Biomolecular Structure and Dynamics, 2023, 41, 2090-2107.	3.5	1
2	Whole exome sequencing identifies the potential role of genes involved in p53 pathway in Nasopharyngeal Carcinoma from Northeast India. Gene, 2022, 812, 146099.	2.2	1
3	The impact of prehistoric human dispersals on the presence of tobacco-related oral cancer in Northeast India. Gene, 2022, 813, 146098.	2.2	1
4	Cancer Genomics and Diagnostics: Northeast Indian Scenario. , 2022, , 509-529.		1
5	DNA-barcoding reveals cryptic diversity and re-evaluation of Ocypode (family: Ocypodidae) from the Sundarbans - UNESCO World Heritage Centre. Animal Gene, 2022, , 200127.	0.7	0
6	Genome-wide analysis of mammary gland shows modulation of transcriptome landscape with alternative splice variants in Staphylococcus aureus mastitis in mice. Gene, 2020, 735, 144278.	2.2	6
7	Clinically significant variants associated with nasopharyngeal carcinoma: Findings of a meta-analysis study. Meta Gene, 2020, 24, 100688.	0.6	0
8	Genetic status of indigenous poultry (red jungle fowl) from India. Gene, 2019, 705, 77-81.	2.2	4
9	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. Pathology and Oncology Research, 2019, 25, 33-44.	1.9	9
10	Detection of p16 Promoter Hypermethylation by Methylation-Specific PCR. Methods in Molecular Biology, 2018, 1726, 111-122.	0.9	5
11	Application and optimization of minimally invasive cell-free DNA techniques in oncogenomics. Tumor Biology, 2018, 40, 101042831876034.	1.8	29
12	Assessment of DNA repair susceptibility genes identified by whole exome sequencing in head and neck cancer. DNA Repair, 2018, 66-67, 50-63.	2.8	20
13	Genetic assessment of leech species from yak (Bos grunniens) in the tract of Northeast India. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2018, 29, 73-81.	0.7	2
14	Association of DFNA5, SYK, and NELL1 variants along with HPV infection in oral cancer among the prolonged tobacco-chewers. Tumor Biology, 2018, 40, 101042831879302.	1.8	11
15	The GSTM1 and GSTT1 Null Genotypes Increase the Risk for Type 2 Diabetes Mellitus and the Subsequent Development of Diabetic Complications: A Meta-analysis. Current Diabetes Reviews, 2018, 15, 31-43.	1.3	16
16	Genetic variants of the DNA repair genes from Exome Aggregation Consortium (EXAC) database: significance in cancer. DNA Repair, 2017, 52, 92-102.	2.8	13
17	Design of characterâ€based <scp>DNA</scp> barcode motif for species identification: A computational approach and its validation in fishes. Molecular Ecology Resources, 2017, 17, 1359-1370.	4.8	6
18	Cell-free mitochondrial DNA copy number variation in head and neck squamous cell carcinoma: A study of non-invasive biomarker from Northeast India. Tumor Biology, 2017, 39, 101042831773664.	1.8	35

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19	Mini-DNA barcode in identification of the ornamental fish: A case study from Northeast India. Gene, 2017, 627, 248-254.	2.2	9
20	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. Journal of Pharmacological and Toxicological Methods, 2017, 84, 20-30.	0.7	91
21	Streptococcus uberis ST439 and ST475 induce differential inflammatory responses in a mouse intramammary infection model. Gene, 2016, 585, 247-255.	2.2	5
22	DNA Barcoding of Primitive Species-Nemertine from Sundarbans Marine Bio-resource. , 2016, , 157-168.		1
23	DNA Barcoding: Molecular Positioning of Living Fossils (Horseshoe Crab). , 2016, , 181-199.		3
24	BRCA1 and MDM2 as independent blood-based biomarkers of head and neck cancer. Tumor Biology, 2016, 37, 15729-15742.	1.8	2
25	Association between OGG1 Ser326Cys polymorphism and risk of upper aero-digestive tract and gastrointestinal cancers: a meta-analysis. SpringerPlus, 2016, 5, 227.	1.2	11
26	Polymorphisms of XRCC1 and XRCC2 DNA Repair genes and Interaction with Environmental Factors Influence the Risk of Nasopharyngeal Carcinoma in Northeast India. Asian Pacific Journal of Cancer Prevention, 2016, 17, 2811-9.	1.2	6
27	Promoter Hypermethylation Profiling Identifies Subtypes of Head and Neck Cancer with Distinct Viral, Environmental, Genetic and Survival Characteristics. PLoS ONE, 2015, 10, e0129808.	2.5	58
28	Association of HPV with genetic and epigenetic alterations in colorectal adenocarcinoma from Indian population. Tumor Biology, 2015, 36, 4661-4670.	1.8	10
29	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. Tumor Biology, 2015, 36, 5773-5783.	1.8	17
30	XPD, APE1, and MUTYH polymorphisms increase head and neck cancer risk: effect of gene-gene and gene-environment interactions. Tumor Biology, 2015, 36, 7569-7579.	1.8	15
31	ATM rs189037 (G>A) polymorphism and risk of lung cancer and head and neck cancer: A meta-analysis. Meta Gene, 2015, 6, 42-48.	0.6	12
32	Trend of different molecular markers in the last decades for studying human migrations. Gene, 2015, 556, 81-90.	2.2	23
33	Epigenetic pathogenesis of human papillomavirus in upper aerodigestive tract cancers. Molecular Carcinogenesis, 2015, 54, 1387-1396.	2.7	7
34	Unraveling the sequence information inCOIbarcode to achieve higher taxon assignment based on Indian freshwater fishes. Mitochondrial DNA, 2015, 26, 175-177.	0.6	2
35	Rectal cancer profiling identifies distinct subtypes in India based on age at onset, genetic, epigenetic and clinicopathological characteristics. Molecular Carcinogenesis, 2015, 54, 1786-1795.	2.7	12
36	Genetic assessment of ornamental fish species from North East India. Gene, 2015, 555, 382-392.	2.2	22

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37	Geneâ€“environment interaction and susceptibility in head and neck cancer patients and in their firstâ€degree relatives: a study of <scp>N</scp>ortheast <scp>I</scp>ndian population. Journal of Oral Pathology and Medicine, 2015, 44, 495-501.	2.7	17
38	Molecular Epidemiology of Amoebiasis: A Cross-Sectional Study among North East Indian Population. PLoS Neglected Tropical Diseases, 2015, 9, e0004225.	3.0	51
39	Influence of the CYP1A1 T3801C Polymorphism on Tobacco and Alcohol-Associated Head and Neck Cancer Susceptibility in Northeast India. Asian Pacific Journal of Cancer Prevention, 2015, 16, 6953-6961.	1.2	6
40	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. Asian Pacific Journal of Cancer Prevention, 2015, 16, 7031-7038.	1.2	6
41	Utility of indels for species-level identification of a biologically complex plant group: a study with intergenic spacer in Citrus. Molecular Biology Reports, 2014, 41, 7217-7222.	2.3	21
42	An assessment of the DNA barcodes of Indian freshwater fishes. Gene, 2014, 537, 20-28.	2.2	41
43	Arginase and C-reactive protein as potential serum-based biomarker of head and neck squamous cell carcinoma patients of north east India. Tumor Biology, 2014, 35, 6739-6748.	1.8	9
44	Dysfunction of mitochondria due to environmental carcinogens in nasopharyngeal carcinoma in the ethnic group of Northeast Indian population. Tumor Biology, 2014, 35, 6715-6724.	1.8	15
45	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. Medical Oncology, 2014, 31, 67.	2.5	30
46	Molecular phylogeny of Indian horse breeds with special reference to Manipuri pony based on mitochondrial D-loop. Molecular Biology Reports, 2013, 40, 5861-5867.	2.3	7
47	Association of mitochondrial D-loop mutations with GSTM1 and GSTT1 polymorphisms in oral carcinoma: A case control study from Northeast India. Oral Oncology, 2013, 49, 345-353.	1.5	19
48	Accumulation of mutations over the complete mitochondrial genome in tobacco-related oral cancer from northeast India. Mitochondrial DNA, 2013, 24, 432-439.	0.6	28
49	Mitochondrial DNA Copy Number and Risk of Oral Cancer: A Report from Northeast India. PLoS ONE, 2013, 8, e57771.	2.5	66
50	Epigenetic, Genetic and Environmental Interactions in Esophageal Squamous Cell Carcinoma from Northeast India. PLoS ONE, 2013, 8, e60996.	2.5	66
51	Quick diagnosis of female genital tuberculosis using multiplex fast polymerase chain reaction in Southern Assam, India. International Journal of Gynecology and Obstetrics, 2012, 118, 72-73.	2.3	16