

# Nachimuthu Senthil Kumar

## List of Publications by Citations

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128  
papers

1,695  
citations

20  
h-index

37  
g-index

139  
ext. papers

2,235  
ext. citations

3.6  
avg, IF

5.12  
L-index

#	Paper	IF	Citations
128	COVID-19: A promising cure for the global panic. <i>Science of the Total Environment</i> , <b>2020</b> , 725, 138277	10.2	315
127	A simple method of genomic DNA extraction from human samples for PCR-RFLP analysis. <i>Journal of Biomolecular Techniques</i> , <b>2013</b> , 24, 224-31	1.1	88
126	Follow-up studies in COVID-19 recovered patients - is it mandatory?. <i>Science of the Total Environment</i> , <b>2020</b> , 729, 139021	10.2	77
125	Fungal-mediated synthesis of pharmaceutically active silver nanoparticles and anticancer property against A549 cells through apoptosis. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 13649-13657	5.1	60
124	Dominant bacterial phyla in caves and their predicted functional roles in C and N cycle. <i>BMC Microbiology</i> , <b>2017</b> , 17, 90	4.5	48
123	The class A chitin synthase gene of <i>Spodoptera exigua</i> : molecular cloning and expression patterns. <i>Insect Biochemistry and Molecular Biology</i> , <b>2007</b> , 37, 409-17	4.5	46
122	Molecular cloning, expression pattern and comparative analysis of chitin synthase gene B in <i>Spodoptera exigua</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2008</b> , 149, 447-53	2.3	42
121	Synthesis of silver and gold nanoparticles using <i>Jasminum nervosum</i> leaf extract and its larvicidal activity against filarial and arboviral vector <i>Culex quinquefasciatus</i> Say (Diptera: Culicidae). <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 17753-68	5.1	41
120	Bacterial and archeal community composition in hot springs from Indo-Burma region, North-east India. <i>AMB Express</i> , <b>2016</b> , 6, 111	4.1	39
119	<i>Brevibacillus</i> as a biological tool: a short review. <i>Antonie Van Leeuwenhoek</i> , <b>2014</b> , 105, 623-39	2.1	37
118	Evaluation of Phenolic Content Variability along with Antioxidant, Antimicrobial, and Cytotoxic Potential of Selected Traditional Medicinal Plants from India. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 407	6.2	34
117	Mucormycosis: An opportunistic pathogen during COVID-19. <i>Environmental Research</i> , <b>2021</b> , 201, 1116437.9	7.9	33
116	Testicular toxicity and sperm quality following copper exposure in Wistar albino rats: ameliorative potentials of L-carnitine. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 1837-1862	5.1	30
115	Essential role of HCMV deubiquitinase in promoting oncogenesis by targeting anti-viral innate immune signaling pathways. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e3078	9.8	28
114	Isoform-Specific Role of Akt in Oral Squamous Cell Carcinoma. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	26
113	First report of bacterial community from a Bat Guano using Illumina next-generation sequencing. <i>Genomics Data</i> , <b>2015</b> , 4, 99-101		26
112	MicroRNA hsa-miR-324-5p Suppresses H5N1 Virus Replication by Targeting the Viral PB1 and Host CUEDC2. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	25

111	Structural basis to characterise transactivation domain of BRCA1. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2017</b> , 35, 1-7	3.6	23
110	Biosynthesis of silver nanoparticles using <i>Myristica fragrans</i> seed (nutmeg) extract and its antibacterial activity against multidrug-resistant (MDR) <i>Salmonella enterica</i> serovar Typhi isolates. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 14758-14769	5.1	23
109	Prevalence of multi drug resistant enteropathogenic and enteroinvasive <i>Escherichia coli</i> isolated from children with and without diarrhea in Northeast Indian population. <i>Annals of Clinical Microbiology and Antimicrobials</i> , <b>2017</b> , 16, 49	6.2	21
108	Additive interaction of <i>Helicoverpa armigera</i> Nucleopolyhedrovirus and Azadirachtin. <i>BioControl</i> , <b>2008</b> , 53, 869-880	2.3	20
107	Investigations on microbial diversity of Jakrem hot spring, Meghalaya, India using cultivation-independent approach. <i>Genomics Data</i> , <b>2015</b> , 4, 156-7		19
106	MiSeq HV4 16S rRNA gene analysis of bacterial community composition among the cave sediments of Indo-Burma biodiversity hotspot. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 12216-26	5.1	18
105	Novel APC gene mutations associated with protein alteration in diffuse type gastric cancer. <i>BMC Medical Genetics</i> , <b>2017</b> , 18, 61	2.1	18
104	Chronic low dose exposure of hospital workers to ionizing radiation leads to increased micronuclei frequency and reduced antioxidants in their peripheral blood lymphocytes. <i>International Journal of Radiation Biology</i> , <b>2019</b> , 95, 697-709	2.9	17
103	Biosurfactants and anti-inflammatory activity: A potential new approach towards COVID-19. <i>Current Opinion in Environmental Science and Health</i> , <b>2020</b> , 17, 72-81	8.1	17
102	Relevance of GSTM1, GSTT1 and GSTP1 Gene Polymorphism to Breast Cancer Susceptibility in Mizoram Population, Northeast India. <i>Biochemical Genetics</i> , <b>2016</b> , 54, 41-9	2.4	16
101	Malaria in North-East India: Importance and Implications in the Era of Elimination. <i>Microorganisms</i> , <b>2019</b> , 7,	4.9	16
100	Antimicrobial, antioxidant and probiotics characterization of dominant bacterial isolates from traditional fermented fish of Manipur, North-East India. <i>Journal of Food Science and Technology</i> , <b>2018</b> , 55, 1870-1879	3.3	15
99	Characterization and cytotoxic activity of apoptosis-inducing pierisin-5 protein from white cabbage butterfly. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 87, 16-27	7.9	15
98	Antiviral phytocompounds target envelop protein to control Zika virus. <i>Computational Biology and Chemistry</i> , <b>2018</b> , 77, 402-412	3.6	15
97	Pharmacological potential of <i>Bidens pilosa</i> L. and determination of bioactive compounds using UHPLC-Qq-MS/MS and GC/MS. <i>BMC Complementary and Alternative Medicine</i> , <b>2017</b> , 17, 492	4.7	14
96	Traditional fermented fish harbors bacteria with potent probiotic and anticancer properties. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2018</b> , 15, 283-290	4.2	14
95	Mitochondrial D-loop and cytochrome oxidase C subunit I polymorphisms among the breast cancer patients of Mizoram, Northeast India. <i>Current Genetics</i> , <b>2014</b> , 60, 201-12	2.9	14
94	Association of DNA repair and xenobiotic pathway gene polymorphisms with genetic susceptibility to gastric cancer patients in West Bengal, India. <i>Tumor Biology</i> , <b>2016</b> , 37, 9139-49	2.9	13

93	ITS2 characterization and Anopheles species identification of the subgenus Cellia. <i>Acta Tropica</i> , <b>2013</b> , 125, 309-19	3.2	13
92	Diversity and abundance of mosquito species in relation to their larval habitats in Mizoram, North Eastern Himalayan region. <i>Acta Tropica</i> , <b>2014</b> , 137, 1-18	3.2	12
91	Protocol for optimal quality and quantity pollen DNA isolation from honey samples. <i>Journal of Biomolecular Techniques</i> , <b>2014</b> , 25, 92-5	1.1	12
90	IndiGenomes: a comprehensive resource of genetic variants from over 1000 Indian genomes. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, D1225-D1232	20.1	12
89	Comparative transcriptome analysis of SARS-CoV, MERS-CoV, and SARS-CoV-2 to identify potential pathways for drug repurposing. <i>Computers in Biology and Medicine</i> , <b>2021</b> , 128, 104123	7	12
88	Metagenomic analysis and the functional profiles of traditional fermented pork fat Ba-umRoF Northeast India. <i>AMB Express</i> , <b>2018</b> , 8, 163	4.1	12
87	Larvicidal activity of Ipomoea cairica (L.) Sweet and Ageratina adenophora (Spreng.) King & H. Rob. plant extracts against arboviral and filarial vector, Culex quinquefasciatus Say (Diptera: Culicidae). <i>Experimental Parasitology</i> , <b>2014</b> , 141, 112-21	2.1	11
86	Meta-barcoding in combination with palynological inference is a potent diagnostic marker for honey floral composition. <i>AMB Express</i> , <b>2017</b> , 7, 132	4.1	11
85	Insecticidal and repellent activity of Hiptage benghalensis L. Kruz (Malpighiaceae) against mosquito vectors. <i>Parasitology Research</i> , <b>2012</b> , 111, 1007-17	2.4	11
84	Environmental survival of SARS-CoV-2 - A solid waste perspective. <i>Environmental Research</i> , <b>2021</b> , 197, 111015	7.9	11
83	Coextraction and PCR Based Analysis of Nucleic Acids From Formalin-Fixed Paraffin-Embedded Specimens. <i>Journal of Clinical Laboratory Analysis</i> , <b>2015</b> , 29, 485-92	3	10
82	Polymorphisms in ADH1B and ALDH2 genes associated with the increased risk of gastric cancer in West Bengal, India. <i>BMC Cancer</i> , <b>2017</b> , 17, 782	4.8	10
81	Illumina-based analysis of bacterial community in Khuangcherapuk cave of Mizoram, Northeast India. <i>Genomics Data</i> , <b>2015</b> , 5, 13-4		10
80	Anti-mite activity of Polygonum hydropiper L. (Polygonaceae) extracts against tea red spider mite, Oligonychus coffeae Nietner (Tetranychidae: Acarina). <i>International Journal of Acarology</i> , <b>2011</b> , 37, 561-566	0.6	10
79	Xenobiotic Pathway Gene Polymorphisms Associated with Gastric Cancer in High Risk Mizo-Mongoloid Population, Northeast India. <i>Helicobacter</i> , <b>2016</b> , 21, 523-535	4.9	10
78	Metagenome Sequencing Reveals Rhodococcus Dominance in Farpuk Cave, Mizoram, India, an Eastern Himalayan Biodiversity Hot Spot Region. <i>Genome Announcements</i> , <b>2015</b> , 3,		9
77	Amplicon sequencing and imputed metagenomic analysis of waste soil and sediment microbiome reveals unique bacterial communities and their functional attributes. <i>Environmental Monitoring and Assessment</i> , <b>2019</b> , 191, 778	3.1	9
76	Epidemiology of malaria and chloroquine resistance in Mizoram, northeastern India, a malaria-endemic region bordering Myanmar. <i>Malaria Journal</i> , <b>2020</b> , 19, 95	3.6	8

75	In silico docking studies of non-azadirachtin limonoids against ecdysone receptor of <i>Helicoverpa armigera</i> (Hubner) (Lepidoptera: Noctuidae). <i>Medicinal Chemistry Research</i> , <b>2015</b> , 24, 2621-2631	2.2	8
74	Linking rhizosphere soil biochemical and microbial community characteristics across different land use systems in mountainous region in Northeast India. <i>Meta Gene</i> , <b>2020</b> , 23, 100625	0.7	8
73	Isolation, characterization, and therapeutic activity of bergenin from marlberry ( <i>Ardisia colorata</i> Roxb.) leaf on diabetic testicular complications in Wistar albino rats. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 7082-7101	5.1	8
72	Mitochondrial complex I and V gene polymorphisms associated with breast cancer in mizo-mongloid population. <i>Breast Cancer</i> , <b>2016</b> , 23, 607-16	3.4	7
71	Bacterial diversity of Murlen National Park located in Indo-Burman Biodiversity hotspot region: A metagenomic approach. <i>Genomics Data</i> , <b>2015</b> , 5, 25-6		7
70	Tuibur: tobacco in a bottle-commercial production of tobacco smoke-saturated aqueous concentrate. <i>Addiction</i> , <b>2018</b> , 113, 577-580	4.6	7
69	Structural basis to stabilize the domain motion of BARD1-ARD BRCT by CstF50. <i>Scientific Reports</i> , <b>2017</b> , 7, 3849	4.9	7
68	Antioxidant potential, anti-inflammatory activity and gastroprotective mechanisms of <i>Mallotus roxburghianus</i> (Muell.) against ethanol-induced gastric ulcers in Wistar albino rats. <i>Journal of Functional Foods</i> , <b>2017</b> , 36, 448-458	5.1	7
67	Analysis of synonymous codon usage patterns of HPRT1 gene across twelve mammalian species. <i>Genomics</i> , <b>2020</b> , 112, 304-311	4.3	7
66	Novel AKT1 mutations associated with cell-cycle abnormalities in gastric carcinoma. <i>Personalized Medicine</i> , <b>2018</b> , 15, 79-86	2.2	6
65	Complete mitochondrial genome of Chocolate Pansy, <i>Junonia iphita</i> (Lepidoptera: Nymphalidae: Nymphalinae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , <b>2016</b> , 27, 2468-9	1.3	5
64	The near complete mitochondrial genome of the Giant honey bee, <i>Apis dorsata</i> (Hymenoptera: Apidae: Apinae) and its phylogenetic status. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , <b>2016</b> , 27, 3483-4	1.3	5
63	Bacterial diversity analysis of Yumthang hot spring, North Sikkim, India by Illumina sequencing. <i>Big Data Analytics</i> , <b>2017</b> , 2,	2.9	5
62	Mitochondrial complex I and V gene polymorphisms in type II diabetes mellitus among high risk Mizo-Mongoloid population, Northeast India. <i>Genes and Environment</i> , <b>2016</b> , 38, 5	2.8	5
61	Complete mitochondrial genome of the Himalayan honey bee, <i>Apis laboriosa</i> . <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , <b>2016</b> , 27, 3755-6	1.3	5
60	Analyzing plant growth promoting <i>Bacillus</i> sp. and related genera in Mizoram, Indo-Burma biodiversity Hotspot. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2018</b> , 15, 370-376	4.2	5
59	Influence of Micronutrients on the Food Consumption Rate and Silk Production of (Lepidoptera: Bombycidae) Reared on Mulberry Plants Grown in a Mountainous Agro-Ecological Condition. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 878	4.6	5
58	Genomic profiling of mitochondrial DNA reveals novel complex gene mutations in familial type 2 diabetes mellitus individuals from Mizo ethnic population, Northeast India. <i>Mitochondrion</i> , <b>2020</b> , 51, 7-14	4.9	5

57	Culture-dependent and metagenomic analysis of lesser horseshoe bats gut microbiome revealing unique bacterial diversity and signatures of potential human pathogens. <i>Microbial Pathogenesis</i> , <b>2019</b> , 137, 103675	3.8	4
56	Collective transcriptomic deregulation of hypertrophic and dilated cardiomyopathy - Importance of fibrotic mechanism in heart failure. <i>Computational Biology and Chemistry</i> , <b>2018</b> , 73, 85-94	3.6	4
55	Recombinant Pierisin-5 Induces Apoptosis and Differential Expression of Bcl-2, Bax, and p53 in Human Cancer Cells. <i>DNA and Cell Biology</i> , <b>2019</b> , 38, 773-785	3.6	4
54	Antiquorum sensing and antibiofilm potential of biosynthesized silver nanoparticles of <i>Myristica fragrans</i> seed extract against MDR <i>Salmonella enterica</i> serovar Typhi isolates from asymptomatic typhoid carriers and typhoid patients. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 2844-2856	5.1	4
53	Multimodal approach to explore the pathogenicity of BARD1, ARG 658 CYS, and ILE 738 VAL mutants. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2016</b> , 34, 1533-44	3.6	3
52	Cloning and In Silico Analysis of a High-Temperature Inducible Lipase from <i>Brevibacillus</i> . <i>Arabian Journal for Science and Engineering</i> , <b>2016</b> , 41, 2159-2170		3
51	Biotechnological Potential of Thermophilic Actinobacteria Associated With Hot Springs <b>2018</b> , 155-164		3
50	Biosterilant effects of <i>Bacillus thuringiensis</i> kurstaki HD-73 extract on male Wistar albino rats. <i>Theriogenology</i> , <b>2017</b> , 88, 73-83	2.8	3
49	Illumina based whole mitochondrial genome of <i>Junonia iphita</i> reveals minor intraspecific variation. <i>Genomics Data</i> , <b>2015</b> , 6, 280-2		3
48	Polymorphism in mtDNA control region of Mizo-Mongloid Breast Cancer samples as revealed by PCR-RFLP analysis. <i>Mitochondrial DNA</i> , <b>2016</b> , 27, 2205-8		3
47	Characterization of <i>Bacillus thuringiensis</i> isolates and their differential toxicity against <i>Helicoverpa armigera</i> populations. <i>Journal of Basic Microbiology</i> , <b>2011</b> , 51, 107-14	2.7	3
46	Antimicrobial Peptides: Novel Source and Biological Function With a Special Focus on Entomopathogenic Nematode/Bacterium Symbiotic Complex. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 555022	5.7	3
45	Whole exome sequencing identifies the novel putative gene variants related with type 2 diabetes in Mizo population, northeast India. <i>Gene</i> , <b>2021</b> , 769, 145229	3.8	3
44	Association of tobacco smoke-infused water (tuibur) use by Mizo people and risk of <i>Helicobacter pylori</i> infection. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 8580-8585	5.1	2
43	Prot-Prop: J-tool to predict the subcellular location of proteins based on physiochemical characterization. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , <b>2012</b> , 4, 296-301	3.5	2
42	Characterization of <i>Bacillus thuringiensis</i> Cry1 class proteins in relation to their insecticidal action. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , <b>2013</b> , 5, 127-35	3.5	2
41	Probiotic and Cytotoxic Potential of Vaginal <i>Lactobacillus</i> Isolated from Healthy Northeast Indian Women. <i>Journal of Pure and Applied Microbiology</i> , <b>2020</b> , 14, 205-214	0.9	2
40	Clinical features and first degree relative breast cancer, their correlation with histological tumor grade: a 5-year retrospective case study of breast cancer in Mizoram, India. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 1991-2000	5.1	2

39	Analysis of variants in mitochondrial genome and their putative pathogenicity in tuberculosis patients from Mizoram, North east India. <i>Mitochondrion</i> , <b>2020</b> , 54, 21-25	4.9	2
38	Pathogenic microbes contaminating mobile phones in hospital environment in Northeast India: incidence and antibiotic resistance. <i>Tropical Medicine and Health</i> , <b>2019</b> , 47, 59	3.4	2
37	DNA binding activity and molecular docking reveals pierisin-5 as an anti-proliferative agent against gastric cancer. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2020</b> , 38, 3474-3488	3.6	2
36	Phylogenetic affiliation and determination of bioactive compounds of bacterial population associated with organs of mud crab,. <i>Saudi Journal of Biological Sciences</i> , <b>2018</b> , 25, 1743-1754	4	2
35	Molecular dynamics simulation, synthesis and topoisomerase inhibitory actions of vanillin derivatives: a systematic computational structural integument. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 1-11	3.6	2
34	Macro-, micro-, and trace element distributions in areca nut, husk, and soil of northeast India. <i>Environmental Monitoring and Assessment</i> , <b>2021</b> , 193, 65	3.1	2
33	Methods for Microbiome Analysis. <i>Translational Medicine Research</i> , <b>2017</b> , 269-298		1
32	Candidate gene association study of UCP3 variant rs1800849 with T2D in Mizo population of Northeast India. <i>International Journal of Diabetes in Developing Countries</i> , <b>2020</b> , 40, 513-517	0.8	1
31	Report from the 10th International Congress on Extremophiles. <i>Genomics Data</i> , <b>2015</b> , 5, 337-339		1
30	Neem based Integrated Approaches for the Management of Tea Thrips Scirtothrips dorsalis Hood (Thripidae: Thysanoptera) in Tea. <i>Proceedings of the Zoological Society</i> , <b>2011</b> , 64, 72-77	0.5	1
29	Highlighting novel genes associated with the classical Rett syndrome patient from India. <i>Genes and Diseases</i> , <b>2022</b> ,	6.6	1
28	Absence of Knowledge and Awareness About Cervical Cancer Among Educated Women: A Need for Education About Cervical Cancer. <i>Indian Journal of Gynecologic Oncology</i> , <b>2022</b> , 20, 1	0.2	1
27	Determination of Multi Elements in Tobacco Plant of Northeast India by Neutron Activation Analysis and Atomic Absorption Spectrometry. <i>Biological Trace Element Research</i> , <b>2021</b> , 1	4.5	1
26	Bacterial Diversity and CAZyme Potential Revealed in Pandanus Rich Thermal Spring Cluster of India: A Non-cultivable 16S rRNA Sequencing Approach.. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 760573	5.7	1
25	Prevalence and Virulence Gene Profiling of <i>Listeria monocytogenes</i> from Fish and Meat Samples from Aizawl, Mizoram. <i>Journal of Pure and Applied Microbiology</i> , <b>2020</b> , 14, 1359-1365	0.9	1
24	Diversity and Metabolic Potential of Earthworm Gut Microbiota in Indo-Myanmar Biodiversity Hotspot. <i>Journal of Pure and Applied Microbiology</i> , <b>2020</b> , 14, 1503-1511	0.9	1
23	Genotyping of T2D susceptible genes in a high risk North-East Indian population. <i>Obesity Medicine</i> , <b>2020</b> , 17, 100162	2.6	1
22	Panel of significant risk factors predicts early stage gastric cancer and indication of poor prognostic association with pathogens and microsatellite stability. <i>Genes and Environment</i> , <b>2021</b> , 43, 3	2.8	1

21	Biophysical evaluation to categorize pathogenicity of cancer-predisposing mutations identified in the BARD1 BRCT domain.. <i>RSC Advances</i> , <b>2018</b> , 8, 34056-34068	3.7	1
20	Lifestyle chemical carcinogens associated with mutations in cell cycle regulatory genes increases the susceptibility to gastric cancer risk. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 31691-31704	5.1	1
19	Influence of TP53 gene somatic mutations in Helicobacter pylori infected gastric tumor. <i>Meta Gene</i> , <b>2018</b> , 17, 108-114	0.7	1
18	Fermented pork fat (Sa-um) and lifestyle risk factors as potential indicators for type 2 diabetes among the Mizo population, Northeast India. <i>Journal of Health, Population and Nutrition</i> , <b>2021</b> , 40, 32	2.5	1
17	2-Methylimidazolium pyridine-2,5-dicarboxylato zinc(II) dihydrate: Synthesis, characterization, DNA interaction, anti-microbial, anti-oxidant and anti-breast cancer studies. <i>Journal of Coordination Chemistry</i> , 1-19	1.6	1
16	Ensemble Modelling for Early Breast Cancer Prediction from Diet and Lifestyle. <i>IFAC-PapersOnLine</i> , <b>2022</b> , 55, 429-435	0.7	1
15	MGIT sensitivity testing and genotyping of drug resistant Mycobacterium tuberculosis isolates from Mizoram, Northeast India. <i>Indian Journal of Medical Microbiology</i> , <b>2022</b> ,	1.3	1
14	MACF1 gene variant rs2296172 is associated with T2D susceptibility in Mizo population from Northeast India. <i>International Journal of Diabetes in Developing Countries</i> , <b>2020</b> , 40, 223-226	0.8	0
13	First-degree family history of cancer can be a potential risk factor among head and neck cancer patients in an isolated Mizo tribal population, northeast India. <i>Clinical Epidemiology and Global Health</i> , <b>2022</b> , 13, 100954	1.8	0
12	Pharmacogenomic landscape of COVID-19 therapies from Indian population genomes. <i>Pharmacogenomics</i> , <b>2021</b> , 22, 603-618	2.6	0
11	Fish gill microbiome from India's largest Brahmaputra River-a trans-border biodiversity hotspot region. <i>Environmental Monitoring and Assessment</i> , <b>2021</b> , 193, 56	3.1	0
10	Whole exome sequencing of pediatric leukemia reveals a novel InDel within FLT-3 gene in AML patient from Mizo tribal population, Northeast India.. <i>BMC Genomic Data</i> , <b>2022</b> , 23, 23	0	0
9	Mitochondrial control region and GSTP1 polymorphism associated with familial urinary bladder cancer in Karbi-Anglong tribe of Assam, Northeast India. <i>Egyptian Journal of Medical Human Genetics</i> , <b>2017</b> , 18, 99-104	2	
8	Fibroin gene expression and antioxidant enzymes are elevated in Bombyx mori when reared on preferred host plants. <i>Biologia (Poland)</i> , <b>2020</b> , 75, 2009-2013	1.5	
7	Pediatric leukemia could be driven predominantly by non-synonymous variants in mitochondrial complex V in Mizo population from Northeast India. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , <b>2020</b> , 31, 245-249	1.3	
6	The complete mitochondrial genome of the Indian honey bee, Apis cerana cerana (Hymenoptera: Apidae: Apinae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , <b>2016</b> , 27, 4663-4664	1.3	
5	Prevalence of High-Risk HPV Types in Women with Negative Cervical Cytology in a State of Northeast India with a High Burden of Cervical Cancer. <i>Indian Journal of Gynecologic Oncology</i> , <b>2022</b> , 20, 1	0.2	
4	Influence of shifting cultivation practices on soil-plant-beetle interactions. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 16201-29	5.1	



- 3 Novel Somatic Mutations of the CDH1 Gene Associated with Gastric Cancer: Prediction of Pathogenicity Using Comprehensive In silico Methods. *Current Pharmacogenomics and Personalized Medicine*, **2021**, 17, 182-196 0.4
- 2 Transcriptome analysis reveals SALL4 as a prognostic key gene in gastric adenocarcinoma.. *Journal of the Egyptian National Cancer Institute*, **2022**, 34, 11 1.9
- 1 Genetic epidemiology of autoinflammatory disease variants in Indian population from 1029 whole genomes.. *Journal of Genetic Engineering and Biotechnology*, **2021**, 19, 183 3.1