

# Nachimuthu Senthil Kumar

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

128  
papers

1,695  
citations

20  
h-index

37  
g-index

139  
ext. papers

2,235  
ext. citations

3.6  
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5.12  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 128 | 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         |
| 127 | Highlighting novel genes associated with the classical Rett syndrome patient from India. <i>Genes and Diseases</i> , <b>2022</b> ,   | 6.6  | 1         |
| 126 | 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  |           |
| 125 | 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         |
| 124 | Transcriptome analysis reveals SALL4 as a prognostic key gene in gastric adenocarcinoma.. <i>Journal of the Egyptian National Cancer Institute</i> , <b>2022</b> , 34, 11  | 1.9  |           |
| 123 | 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         |
| 122 | Ensemble Modelling for Early Breast Cancer Prediction from Diet and Lifestyle. <i>IFAC-PapersOnLine</i> , <b>2022</b> , 55, 429-435  | 0.7  | 1         |
| 121 | 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         |
| 120 | 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         |
| 119 | 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         |
| 118 | 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        |
| 117 | Environmental survival of SARS-CoV-2 - A solid waste perspective. <i>Environmental Research</i> , <b>2021</b> , 197, 111015  | 7.9  | 11        |
| 116 | Pharmacogenomic landscape of COVID-19 therapies from Indian population genomes. <i>Pharmacogenomics</i> , <b>2021</b> , 22, 603-618  | 2.6  | 0         |
| 115 | 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         |
| 114 | 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         |
| 113 | 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        |
| 112 | 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         |

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| 111 | 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   |
| 110 | Novel Somatic Mutations of the CDH1 Gene Associated with Gastric Cancer: Prediction of Pathogenicity Using Comprehensive In silico Methods. <i>Current Pharmacogenomics and Personalized Medicine</i> , <b>2021</b> , 17, 182-196                  | 0.4  |     |
| 109 | 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   |
| 108 | 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   |
| 107 | Mucormycosis: An opportunistic pathogen during COVID-19. <i>Environmental Research</i> , <b>2021</b> , 201, 1116437.9  |      | 33  |
| 106 | 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   |
| 105 | Genetic epidemiology of autoinflammatory disease variants in Indian population from 1029 whole genomes.. <i>Journal of Genetic Engineering and Biotechnology</i> , <b>2021</b> , 19, 183   | 3.1  |     |
| 104 | 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  |     |
| 103 | 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  |     |
| 102 | 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   |
| 101 | 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   |
| 100 | Association of tobacco smoke-infused water (tuibur) use by Mizo people and risk of Helicobacter pylori infection. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 8580-8585  | 5.1  | 2   |
| 99  | 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   |
| 98  | COVID-19: A promising cure for the global panic. <i>Science of the Total Environment</i> , <b>2020</b> , 725, 138277   | 10.2 | 315 |
| 97  | 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  |
| 96  | Probiotic and Cytotoxic Potential of Vaginal Lactobacillus Isolated from Healthy Northeast Indian Women. <i>Journal of Pure and Applied Microbiology</i> , <b>2020</b> , 14, 205-214   | 0.9  | 2   |
| 95  | Prevalence and Virulence Gene Profiling of Listeria monocytogenes 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   |
| 94  | 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   |

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| 93 | 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  |
| 92 | 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  |
| 91 | 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  |
| 90 | 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  |
| 89 | 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  |
| 88 | 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 |
| 87 | 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  |
| 86 | 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  |
| 85 | 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  |
| 84 | Culture-dependent and metagenomic analysis of lesser horseshoe batsRgut microbiome revealing unique bacterial diversity and signatures of potential human pathogens. <i>Microbial Pathogenesis</i> , <b>2019</b> , 137, 103675   | 3.8 | 4  |
| 83 | 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 |
| 82 | 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 |
| 81 | 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  |
| 80 | 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  |
| 79 | Isoform-Specific Role of Akt in Oral Squamous Cell Carcinoma. <i>Biomolecules</i> , <b>2019</b> , 9,   | 5.9 | 26 |
| 78 | 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  |
| 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 | Malaria in North-East India: Importance and Implications in the Era of Elimination. <i>Microorganisms</i> , <b>2019</b> , 7,   | 4.9 | 16 |

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| 75 | 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  |
| 74 | 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  |
| 73 | 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  |
| 72 | Novel AKT1 mutations associated with cell-cycle abnormalities in gastric carcinoma. <i>Personalized Medicine</i> , <b>2018</b> , 15, 79-86   | 2.2 | 6  |
| 71 | 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 |
| 70 | 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 |
| 69 | 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 |
| 68 | 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  |
| 67 | Biotechnological Potential of Thermophilic Actinobacteria Associated With Hot Springs <b>2018</b> , 155-164  |     | 3  |
| 66 | 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 |
| 65 | 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  |
| 64 | 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 |
| 63 | 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  |
| 62 | Antiviral phytochemicals target envelop protein to control Zika virus. <i>Computational Biology and Chemistry</i> , <b>2018</b> , 77, 402-412  | 3.6 | 15 |
| 61 | 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  |
| 60 | Influence of TP53 gene somatic mutations in <i>Helicobacter pylori</i> infected gastric tumor. <i>Meta Gene</i> , <b>2018</b> , 17, 108-114  | 0.7 | 1  |
| 59 | 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 |
| 58 | 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   |    |

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| 57 | 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 |
| 56 | Methods for Microbiome Analysis. <i>Translational Medicine Research</i> , <b>2017</b> , 269-298  |     | 1  |
| 55 | 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 |
| 54 | 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 |
| 53 | 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  |
| 52 | 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 |
| 51 | 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  |
| 50 | 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  |
| 49 | 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 |
| 48 | 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 |
| 47 | 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 |
| 46 | Biosterilant effects of <i>Bacillus thuringiensis kurstaki</i> HD-73 extract on male Wistar albino rats. <i>Theriogenology</i> , <b>2017</b> , 88, 73-83   | 2.8 | 3  |
| 45 | 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 |
| 44 | 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  |
| 43 | 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  |
| 42 | 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  |
| 41 | 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  |
| 40 | 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 |

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| 39 | 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   |
| 38 | 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  |
| 37 | 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   |
| 36 | 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  |
| 35 | 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  |
| 34 | The complete mitochondrial genome of the Indian honey bee, <i>Apis cerana cerana</i> (Hymenoptera: Apidae: Apinae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , <b>2016</b> , 27, 4663-4664 <sup>1.3</sup>   |     | 1.3 |
| 33 | 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   |
| 32 | 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  |
| 31 | 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   |
| 30 | 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  |
| 29 | 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  |
| 28 | 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 |     |
| 27 | 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  |
| 26 | 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   |
| 25 | 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  |
| 24 | 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   |
| 23 | 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  |
| 22 | Illumina-based analysis of bacterial community in Khuangcherapuk cave of Mizoram, Northeast India. <i>Genomics Data</i> , <b>2015</b> , 5, 13-4   |     | 10  |

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| 21 | 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  |
| 20 | 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 |
| 19 | Report from the 10th International Congress on Extremophiles. <i>Genomics Data</i> , <b>2015</b> , 5, 337-339  |     | 1  |
| 18 | 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  |
| 17 | <i>Brevibacillus</i> as a biological tool: a short review. <i>Antonie Van Leeuwenhoek</i> , <b>2014</b> , 105, 623-39  | 2.1 | 37 |
| 16 | Larvicidal activity of <i>Ipomoea cairica</i> (L.) Sweet and <i>Ageratina adenophora</i> (Spreng.) King & H. Rob. plant extracts against arboviral and filarial vector, <i>Culex quinquefasciatus</i> Say (Diptera: Culicidae). <i>Experimental Parasitology</i> , <b>2014</b> , 141, 112-21 | 2.1 | 11 |
| 15 | 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 |
| 14 | 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 |
| 13 | 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 |
| 12 | ITS2 characterization and <i>Anopheles</i> species identification of the subgenus <i>Cellia</i> . <i>Acta Tropica</i> , <b>2013</b> , 125, 309-19  | 3.2 | 13 |
| 11 | 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  |
| 10 | 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 |
| 9  | Insecticidal and repellent activity of <i>Hiptage benghalensis</i> L. Kruz (Malpighiaceae) against mosquito vectors. <i>Parasitology Research</i> , <b>2012</b> , 111, 1007-17   | 2.4 | 11 |
| 8  | 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  |
| 7  | Anti-mite activity of <i>Polygonum hydropiper</i> L. (Polygonaceae) extracts against tea red spider mite, <i>Oligonychus coffeae</i> Nietner (Tetranychidae: Acarina). <i>International Journal of Acarology</i> , <b>2011</b> , 37, 561-568   | 0.6 | 10 |
| 6  | Neem based Integrated Approaches for the Management of Tea Thrips <i>Scirtothrips dorsalis</i> Hood (Thripidae: Thysanoptera) in Tea. <i>Proceedings of the Zoological Society</i> , <b>2011</b> , 64, 72-77   | 0.5 | 1  |
| 5  | 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  |
| 4  | 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 |



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|---|---|-----|----|
| 3 | Additive interaction of <i>Helicoverpa armigera</i> Nucleopolyhedrovirus and Azadirachtin. <i>BioControl</i> , <b>2008</b> , 53, 869-880  | 2.3 | 20 |
| 2 | 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 |
| 1 | 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  |