

Sujay Paul

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,241
citations

430874

18
h-index

414414

32
g-index

57
all docs

57
docs citations

57
times ranked

1312
citing authors

#	ARTICLE	IF	CITATIONS
1	The Micro-RNA172c-APETALA2-1 Node as a Key Regulator of the Common Bean- <i>Rhizobium etli</i> Nitrogen Fixation Symbiosis. <i>Plant Physiology</i> , 2015, 168, 273-291.	4.8	134
2	Regulation of Copper Homeostasis and Biotic Interactions by MicroRNA 398b in Common Bean. <i>PLoS ONE</i> , 2014, 9, e84416.	2.5	109
3	Identification and validation of conserved microRNAs along with their differential expression in roots of <i>Vigna unguiculata</i> grown under salt stress. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 105, 233-242.	2.3	75
4	Current Status of microRNA-Based Therapeutic Approaches in Neurodegenerative Disorders. <i>Cells</i> , 2020, 9, 1698.	4.1	71
5	Isolation, Characterization, and Structure Analysis of a Non-TIR-NBS-LRR Encoding Candidate Gene from MYMIV-Resistant <i>Vigna mungo</i> . <i>Molecular Biotechnology</i> , 2012, 52, 217-233.	2.4	66
6	The role of microRNAs in solving COVID-19 puzzle from infection to therapeutics: A mini-review. <i>Virus Research</i> , 2022, 308, 198631.	2.2	47
7	High throughput sequencing reveals modulation of microRNAs in <i>Vigna mungo</i> upon Mungbean Yellow Mosaic India Virus inoculation highlighting stress regulation. <i>Plant Science</i> , 2017, 257, 96-105.	3.6	46
8	An improved method of DNA isolation suitable for PCR-based detection of begomoviruses from jute and other mucilaginous plants. <i>Journal of Virological Methods</i> , 2009, 159, 34-39.	2.1	44
9	MicroRNAs and Child Neuropsychiatric Disorders: A Brief Review. <i>Neurochemical Research</i> , 2020, 45, 232-240.	3.3	36
10	Distribution, epidemiology and molecular variability of the begomovirus complexes associated with yellow vein mosaic disease of mesta in India. <i>Virus Research</i> , 2009, 141, 237-246.	2.2	35
11	Human microRNAs in host-parasite interaction: a review. <i>3 Biotech</i> , 2020, 10, 510.	2.2	35
12	Identification and expression profiling of <i>Vigna mungo</i> microRNAs from leaf small RNA transcriptome by deep sequencing. <i>Journal of Integrative Plant Biology</i> , 2014, 56, 15-23.	8.5	32
13	Transcript Dynamics at Early Stages of Molecular Interactions of MYMIV with Resistant and Susceptible Genotypes of the Leguminous Host, <i>Vigna mungo</i> . <i>PLoS ONE</i> , 2015, 10, e0124687.	2.5	32
14	Roles of microRNAs in chronic pediatric diseases and their use as potential biomarkers: A review. <i>Archives of Biochemistry and Biophysics</i> , 2021, 699, 108763.	3.0	31
15	Sequence variability and phylogenetic relationship of betasatellite isolates associated with yellow vein mosaic disease of mesta in India. <i>Virus Genes</i> , 2008, 37, 414-424.	1.6	29
16	The Emerging Role of MicroRNAs in Bone Diseases and Their Therapeutic Potential. <i>Molecules</i> , 2022, 27, 211.	3.8	26
17	Identification, characterization and expression analysis of passion fruit (<i>Passiflora edulis</i>) microRNAs. <i>3 Biotech</i> , 2020, 10, 25.	2.2	25
18	Complete nucleotide sequence of a monopartite begomovirus associated with yellow vein mosaic disease of mesta from north India. <i>Archives of Virology</i> , 2008, 153, 1791-1796.	2.1	24

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19	Phytochemicals mediated modulation of microRNAs and long non-coding RNAs in cancer prevention and therapy. <i>Phytotherapy Research</i> , 2022, 36, 705-729.	5.8	23
20	Identification of microRNAs and Their Expression in Leaf Tissues of Guava (<i>Psidium guajava</i> L.) under Salinity Stress. <i>Agronomy</i> , 2020, 10, 1920.	3.0	20
21	Occurrence of Begomovirus Associated with Yellow Vein Mosaic Disease of Kenaf (<i>Hibiscus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.4	17
22	Metagenomic analysis of microbial community of an Amazonian geothermal spring in Peru. <i>Genomics Data</i> , 2016, 9, 63-66.	1.3	17
23	Current insight into the functions of microRNAs in common human hair loss disorders: a mini review. <i>Human Cell</i> , 2021, 34, 1040-1050.	2.7	16
24	Roles of microRNAs in carbohydrate and lipid metabolism disorders and their therapeutic potential. <i>Biochimie</i> , 2021, 187, 83-93.	2.6	16
25	Identification of microRNAs from Medicinal Plant <i>Murraya koenigii</i> by High-Throughput Sequencing and Their Functional Implications in Secondary Metabolite Biosynthesis. <i>Plants</i> , 2022, 11, 46.	3.5	16
26	Occurrence of a DNA Î ² -containing begomovirus associated with leaf curl disease of kenaf (<i>Hibiscus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	13
27	First report of <i>Tomato leaf curl Joydebpur virus</i> and associated betasatellite in kenaf (<i>Hibiscus cannabinus</i>) plants showing leaf curl symptoms from southern India. <i>Plant Pathology</i> , 2009, 58, 403-403.	2.4	13
28	Detection of <i>Corchorus golden mosaic virus</i> Associated with Yellow Mosaic Disease of Jute (<i>Corchorus capsularis</i>). <i>Indian Journal of Virology: an Official Organ of Indian Virological Society</i> , 2012, 23, 70-74.	0.7	13
29	Isolation and Characterization of Cellulase Producing Bacterial Strains from an Amazonian Geothermal Spring in Peru. <i>British Microbiology Research Journal</i> , 2016, 15, 1-8.	0.2	13
30	Functional Implications and Clinical Potential of MicroRNAs in Irritable Bowel Syndrome: A Concise Review. <i>Digestive Diseases and Sciences</i> , 2023, 68, 38-53.	2.3	12
31	Insights from the genome of a high alkaline cellulase producing <i>Aspergillus fumigatus</i> strain obtained from Peruvian Amazon rainforest. <i>Journal of Biotechnology</i> , 2017, 251, 53-58.	3.8	11
32	Identification and characterization of microRNAs and their targets in high-altitude stress-adaptive plant maca (<i>Lepidium meyenii</i> Walp). <i>3 Biotech</i> , 2017, 7, 103.	2.2	11
33	Genome-wide computational prediction and experimental validation of quinoa (<i>Chenopodium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 11	0.9	11
34	High-quality draft genome sequence of a biofilm forming lignocellulolytic <i>Aspergillus niger</i> strain ATCC 10864. <i>Standards in Genomic Sciences</i> , 2017, 12, 37.	1.5	10
35	First global transcriptome analysis of brown algae <i>Macrocystis integrifolia</i> (Phaeophyceae) under marine intertidal conditions. <i>3 Biotech</i> , 2018, 8, 185.	2.2	10
36	Characterization of miRNAs from sardine (<i>Sardina pilchardus</i> Walbaum, 1792) and their tissue-specific expression analysis in brain and liver. <i>3 Biotech</i> , 2020, 10, 318.	2.2	8

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37	A Brief Review on the Regulatory Roles of MicroRNAs in Cystic Diseases and Their Use as Potential Biomarkers. <i>Genes</i> , 2022, 13, 191.	2.4	8
38	Engineered titania nanomaterials in advanced clinical applications. <i>Beilstein Journal of Nanotechnology</i> , 2022, 13, 201-218.	2.8	8
39	Developmentally regulated temporal expression and differential acid invertase activity in differentiating cotyledonary explants of mungbean [<i>Vigna radiata</i> (L.) Wilczek]. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 107, 417-425.	2.3	7
40	A de novo transcriptomic approach to study the influence of marine water depth in <i>Macrocystis pyrifera</i> alginate production. <i>Aquatic Botany</i> , 2020, 163, 103211.	1.6	7
41	Metagenomic Analysis of Microbial Communities in the Soil-mousse Surrounding of an Amazonian Geothermal Spring in Peru. <i>British Biotechnology Journal</i> , 2016, 15, 1-11.	0.4	7
42	Genome Wide Computational Identification of Tuna (<i>Thunnus orientalis</i>) MicroRNAs and Their Targets. <i>Ocean Science Journal</i> , 2018, 53, 727-734.	1.3	6
43	In silico Characterization of microRNAs and Their Target Transcripts from Cranberry (<i>Vaccinium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 0.5 6		
44	Characterization of microRNAs from neem (<i>Azadirachta indica</i>) and their tissue-specific expression study in leaves and stem. <i>3 Biotech</i> , 2021, 11, 277.	2.2	6
45	The regulatory activities of microRNAs in non-vascular plants: a mini review. <i>Planta</i> , 2021, 254, 57.	3.2	6
46	Analysis of coat protein gene sequences of begomoviruses associated with different weed species in India. <i>Phytoparasitica</i> , 2012, 40, 95-100.	1.2	5
47	Evolutionary Pattern of Interferon Alpha Genes in Bovidae and Genetic Diversity of IFNAA in the Bovine Genome. <i>Frontiers in Immunology</i> , 2020, 11, 580412.	4.8	5
48	Tumor Suppressor microRNAs in Gastrointestinal Cancers: A Mini-Review. <i>Recent Advances in Inflammation & Allergy Drug Discovery</i> , 2022, 16, 5-15.	0.8	5
49	Molecular evidence for existence of a New World begomovirus associated with yellow mosaic disease of <i>Corchorus capsularis</i> in India. <i>Australasian Plant Disease Notes</i> , 2008, 3, 59-62.	0.7	4
50	Genome-wide Characterization of MicroRNAs from Mungbean (<i>Vigna radiata</i> L.). <i>Biotechnology Journal International</i> , 2017, 17, 1-9.	0.2	3
51	Impact of smoking-induced dysregulated human miRNAs in chronic disease development and their potential use in prognostic and therapeutic purposes. <i>Journal of Biochemical and Molecular Toxicology</i> , 0, , .	3.0	3
52	Cell Cultures and Hairy Roots as Platform for Production of High-Value Metabolites: Current Approaches, Limitations, and Future Prospects. , 2019, , 23-57.		2
53	Insight into the genome data of commercially important giant kelp <i>Macrocystis pyrifera</i> . <i>Data in Brief</i> , 2022, 42, 108068.	1.0	2
54	The elusive roles of chloroplast microRNAs: an unexplored facet of the plant transcriptome. <i>Plant Molecular Biology</i> , 2022, 109, 667-671.	3.9	2

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55	A peep into the transcriptome studies of the industrially important brown algae with special focus on <i>Macrocystis</i> genus. <i>Revista Peruana De Biologia</i> , 2020, 27, 049-053.	0.3	1
56	Extraction of Small RNA and qPCR Validation of miRNAs in <i>Vigna mungo</i> . <i>Bio-protocol</i> , 2015, 5, .	0.4	1
57	Mungbean Yellow Mosaic India Virus (MYMIV)-infection, Small RNA Library Construction and Deep Sequencing for MicroRNA Identification in <i>Vigna mungo</i> . <i>Bio-protocol</i> , 2016, 6, .	0.4	0