

Enketeswara Subudhi

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

875
citations

623188

14
h-index

580395

25
g-index

81
all docs

81
docs citations

81
times ranked

1150
citing authors

#	ARTICLE	IF	CITATIONS
1	Terpenoids from <i>Zingiber officinale</i> (Ginger) Induce Apoptosis in Endometrial Cancer Cells through the Activation of p53. <i>PLoS ONE</i> , 2012, 7, e53178.	1.1	112
2	Chemical Composition of Turmeric Oil (<i>Curcuma longa</i> L. cv. Roma) and its Antimicrobial Activity against Eye Infecting Pathogens. <i>Journal of Essential Oil Research</i> , 2011, 23, 11-18.	1.3	55
3	Prevalence of TEM, SHV, and CTX-M genes of extended-spectrum β -lactamase-producing <i>Escherichia coli</i> strains isolated from urinary tract infections in adults. <i>3 Biotech</i> , 2017, 7, 244.	1.1	48
4	Biochemical and molecular profiling of micropropagated and conventionally grown <i>Kaempferia galanga</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 106, 39-46.	1.2	45
5	Plant regeneration from callus culture of <i>Curcuma aromatica</i> and in vitro detection of somaclonal variation through cytophotometric analysis. <i>Biologia Plantarum</i> , 2008, 52, 783-786.	1.9	42
6	Bioprospecting hot spring metagenome: lipase for the production of biodiesel. <i>Environmental Science and Pollution Research</i> , 2017, 24, 3802-3809.	2.7	26
7	Evaluation of phytomedicinal yield potential and molecular profiling of micropropagated and conventionally grown turmeric (<i>Curcuma longa</i> L.). <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 104, 263-269.	1.2	24
8	Cellulolytic thermophilic microorganisms in white biotechnology: a review. <i>Folia Microbiologica</i> , 2020, 65, 25-43.	1.1	23
9	Genetic Stability of Micropropagated Ginger Derived from Axillary Bud through Cytophotometric and RAPD Analysis. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2008, 63, 747-754.	0.6	22
10	Investigation of bacterial diversity of hot springs of Odisha, India. <i>Genomics Data</i> , 2015, 6, 188-190.	1.3	22
11	In vitro and ex vitro evaluation of long-term micropropagated turmeric as analyzed through cytophotometry, phytoconstituents, biochemical and molecular markers. <i>Plant Growth Regulation</i> , 2011, 64, 91-98.	1.8	21
12	Quantitative approach to track lipase producing <i>Pseudomonas</i> sp. S1 in nonsterilized solid state fermentation. <i>Letters in Applied Microbiology</i> , 2014, 58, 610-616.	1.0	20
13	Antibiofilm and Antibacterial Activity of Essential Oil Bearing <i>Zingiber officinale</i> Rosc. (Ginger) Rhizome Against Multi-drug Resistant Isolates. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2019, 22, 1163-1171.	0.7	20
14	Structural insights of microbial community of Deulajhari (India) hot spring using 16s-rRNA based metagenomic sequencing. <i>Genomics Data</i> , 2016, 7, 101-102.	1.3	19
15	Genomic characterization of XDR <i>Klebsiella pneumoniae</i> ST147 co-resistant to carbapenem and colistin – The first report in India. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 54-56.	0.9	18
16	Statistical optimization for lipase production from solid waste of vegetable oil industry. <i>Preparative Biochemistry and Biotechnology</i> , 2018, 48, 321-326.	1.0	16
17	Parameter optimization for thermostable lipase production and performance evaluation as prospective detergent additive. <i>Preparative Biochemistry and Biotechnology</i> , 2020, 50, 578-584.	1.0	15
18	Isolation and characterization of NBS-LRR- resistance gene candidates in turmeric(<i>Curcuma longa</i> cv.) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	0.8	14

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19	Mining and characterization of EST derived microsatellites in <i>Curcuma longa</i> L. <i>Bioinformatics</i> , 2010, 5, 128-131.	0.2	14
20	Assessment of Genetic Stability of Micropropagated <i>Curcuma caesia</i> through Cytophotometric and Molecular Analysis. <i>Cytologia</i> , 2010, 75, 73-81.	0.2	13
21	More Furious Than Ever: <i>Escherichia coli</i> -Acquired Co-resistance Toward Colistin and Carbapenems. <i>Clinical Infectious Diseases</i> , 2016, 63, ciw508.	2.9	13
22	Functional Genome Screening to Elucidate the Colistin Resistance Mechanism. <i>Scientific Reports</i> , 2016, 6, 23156.	1.6	12
23	Comparative Analysis of 16S rRNA Gene Illumina Sequence for Microbial Community Structure in Diverse Unexplored Hot Springs of Odisha, India. <i>Geomicrobiology Journal</i> , 2017, 34, 567-576.	1.0	12
24	Microalgae: An Untapped Resource for Natural Antimicrobials. , 2019, , 99-114.		12
25	Comparative transcriptome analysis of ginger variety Suprabha from two different agro-climatic zones of Odisha. <i>Genomics Data</i> , 2016, 9, 42-43.	1.3	11
26	Shift in Cyanobacteria Community Diversity in Hot Springs of India. <i>Geomicrobiology Journal</i> , 2018, 35, 141-147.	1.0	11
27	Molecular Cloning, Characterization, and Expression Analysis of Resistance Gene Candidates in <i>Kaempferia galanga</i> L.. <i>Molecular Biotechnology</i> , 2012, 50, 200-210.	1.3	10
28	De Novo transcriptome assembly of <i>Zingiber officinale</i> cv. Suruchi of Odisha. <i>Genomics Data</i> , 2016, 9, 87-88.	1.3	10
29	Molecular characterization of extended spectrum β -lactamase-producing Enterobacteriaceae strains isolated from a tertiary care hospital. <i>Microbial Pathogenesis</i> , 2018, 115, 112-116.	1.3	10
30	Characterization of novel metagenomic-derived lipase from Indian hot spring. <i>International Microbiology</i> , 2020, 23, 233-240.	1.1	10
31	Prevalence of extended-spectrum-beta-lactamase and metallo-beta-lactamase producing multi drug resistance gram- negative bacteria from urinary isolates. <i>Indian Journal of Medical Microbiology</i> , 2013, 31, 420-421.	0.3	9
32	High frequency shoot proliferation from cotyledonary node of <i>Lawsonia inermis</i> L. and validation of their molecular finger printing. <i>Journal of Crop Science and Biotechnology</i> , 2017, 20, 405-416.	0.7	9
33	Bio-statistical optimization of lipase production by thermophilic <i>Pseudomonas formosensis</i> and its application on oral biofilm degradation. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 33, 101969.	1.5	9
34	In vitro induction, screening and detection of high essential oil yielding somaclones in turmeric (<i>Curcuma longa</i> L.). <i>Plant Growth Regulation</i> , 2014, 72, 59-66.	1.8	8
35	A novel thermoalkaliphilic xylanase from <i>Gordonia</i> sp. is salt, solvent and surfactant tolerant. <i>Journal of Basic Microbiology</i> , 2014, 54, 1342-1349.	1.8	8
36	Genetic diversity analysis of 60 ginger germplasm core accessions using ISSR and SSR markers. <i>Plant Biosystems</i> , 2017, 151, 822-832.	0.8	8

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37	Assessment of Genetic Fidelity Using Random Amplified Polymorphic DNA and Inter Simple Sequence Repeats Markers of <i>Lawsonia inermis</i> L. Plants Regenerated by Axillary Shoot Proliferation. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2018, 88, 133-141.	0.4	8
38	Genotypic validation of extended-spectrum β -lactamase and virulence factors in multidrug resistance <i>Klebsiella pneumoniae</i> in an Indian hospital. Pathogens and Global Health, 2019, 113, 315-321.	1.0	8
39	Genetic Stability Assessment of Micropropagated Mango Ginger (<i>Curcuma amada</i> Roxb.) Through RAPD and ISSR Markers. Research Journal of Medicinal Plant, 2012, 6, 529-536.	0.3	8
40	Genetic diversity study of various β -lactamase-producing multidrug-resistant <i>Escherichia coli</i> isolates from a tertiary care hospital using ERIC-PCR. Indian Journal of Medical Research, 2017, 146, 23.	0.4	8
41	Phylogenetic study of metallo- β -lactamase producing multidrug resistant <i>Pseudomonas aeruginosa</i> isolates from burn patients. Burns, 2015, 41, 1758-1763.	1.1	7
42	Identification of Duplicates in Ginger Germplasm Collection from Odisha Using Morphological and Molecular Characterization. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2020, 90, 1057-1066.	0.4	7
43	Bacterial Diversity and CAZyme Potential Revealed in Pandanus Rich Thermal Spring Cluster of India: A Non-cultivable 16S rRNA Sequencing Approach. Frontiers in Microbiology, 2021, 12, 760573.	1.5	6
44	Chemical Composition of Carvacrol Rich Leaf Essential Oil of <i>Thymus vulgaris</i> from India: Assessment of Antimicrobial, Antioxidant and Cytotoxic Potential. Journal of Essential Oil-bearing Plants: JEOP, 2021, 24, 1134-1145.	0.7	6
45	Profiling of microbial community of Odisha hot spring based on metagenomic sequencing. Genomics Data, 2016, 7, 187-188.	1.3	5
46	Unraveling Plant-Endophyte Interactions: An Omics Insight. Reference Series in Phytochemistry, 2019, , 249-267.	0.2	5
47	Investigation of the microbial community in the Odisha hot spring cluster based on the cultivation independent approach. Genomics Data, 2016, 7, 222-225.	1.3	4
48	Unraveling Plant-Endophyte Interactions: An Omics Insight. Reference Series in Phytochemistry, 2018, , 1-19.	0.2	4
49	The first report of colistin-carbapenem resistance in <i>Klebsiella pneumoniae</i> ST70 isolated from the pediatric unit in India. Brazilian Journal of Microbiology, 2020, 51, 1-3.	0.8	4
50	Bioremediation of Hydrocarbon Using Bacterial Lipase from Waste Biomass. Iranian Journal of Science and Technology, Transaction A: Science, 2020, 44, 1287-1293.	0.7	4
51	Genetic diversity analysis and redundant identification in 48 core collections of <i>Zingiber officinale</i> Rosc. (Zingiberaceae). Revista Brasileira De Botanica, 2016, 39, 869-883.	0.5	3
52	Biosynthesis and characterization of silver nanoparticles derived from marine bivalve <i>Donax cuneatus</i> (Linnaeus) and assessment of its antimicrobial potential. Inorganic and Nano-Metal Chemistry, 2017, 47, 1044-1048.	0.9	3
53	A phylogenetic study of <i>Elizabethkingia anophelis</i> bloodstream isolates obtained from inpatients at a single medical center. Infection Control and Hospital Epidemiology, 2019, 40, 1202-1204.	1.0	3
54	Insight into the structural configuration of metagenomically derived lipase from diverse extreme environment. Biocatalysis and Agricultural Biotechnology, 2019, 22, 101404.	1.5	3

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55	Evaluation of Community Structures and their Physicochemical Correlation with Five Hot Springs in India. <i>Geomicrobiology Journal</i> , 2021, 38, 655-671.	1.0	3
56	Effect of Surface Sterilization time and Plant Bioregulators for Callus Formation in Hybrid Lilium Cv. Tresor. <i>Biosciences, Biotechnology Research Asia</i> , 2017, 14, 709-713.	0.2	3
57	In vitro Validation and Phyto-constituent Analysis of Turmeric Extract: An Ethnological Alternative for Eye Treatment. <i>Research Journal of Medicinal Plant</i> , 2011, 5, 330-337.	0.3	3
58	Molecular prevalence of resistance determinants, virulence factors and capsular serotypes among colistin resistance carbapenemase producing <i>Klebsiella pneumoniae</i> : a multi-centric retrospective study. <i>3 Biotech</i> , 2022, 12, 30.	1.1	3
59	Decontamination of metals from metallurgical effluent utilizing <i>rhizopus arrhizus</i> biomass. <i>International Journal of Environmental Studies</i> , 1996, 50, 111-116.	0.7	2
60	In Vitro Selection of Turmeric Somaclone Resistant to <i>Fusarium oxysporum</i> f.sp. <i>Zingiberi</i> . <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2014, 84, 1077-1082.	0.4	2
61	Electrical behavior of ZnO-valinomycin coated Ag electrode for the detection of K ⁺ in blood. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 992-997.	1.1	2
62	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2017, 17, .	0.4	2
63	Isolation of Cellulase Genes From Thermophiles. , 2019, , 151-169.		2
64	High quality SNPs/Indels mining and characterization in ginger from ESTs data base. <i>Bioinformatics</i> , 2015, 11, 85-89.	0.2	2
65	Differential synthesis of essential oil in callus derived microshoots of turmeric (<i>Curcuma longa</i> L.) in vitro. <i>Journal of Biotechnology</i> , 2008, 136, S158.	1.9	1
66	Function Profiling of Microbial Community. , 2019, , 77-85.		1
67	Bacteria for Butanol Production: Bottlenecks, Achievements and Prospects. <i>Journal of Pure and Applied Microbiology</i> , 2019, 13, 1429-1440.	0.3	1
68	Characterization and Comparative Genomic Analysis of a Highly Colistin-Resistant <i>Chryseobacterium gallinarum</i> : a Rare, Uncommon Pathogen. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	1
69	Genetic stability of micropropagated ginger cultivars as assessed through in vitro and ex vitro evaluation. <i>Journal of Biotechnology</i> , 2008, 136, S158.	1.9	0
70	Deciphering the structural community from the Deulajhari hot spring using the next-generation sequencing. , 2016, , .		0
71	Reply to Mc Gann. <i>Clinical Infectious Diseases</i> , 2017, 64, 1632-1632.	2.9	0
72	Algal-Bacterial System: A Novel Low-Cost Biotechnological Initiative in Wastewater Treatment. , 2019, , 115-127.		0

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73	Metabolic Engineering Prospects for Enhanced Green Fuel Production by Microalgae. , 2019, , 211-220.		0
74	Algal Biofuel: Still Not a Common Manâ€™s Fuel?. , 2019, , 57-64.		0
75	Shift in Structural and Functional Diversity of Algal Community: An Ecophysiological Reason. , 2019, , 87-98.		0
76	Arsenite S-Adenosylmethionine-Producing <i>Spirulina platensis</i> : A New Trump Card on the Face of Global Arsenic Poisoning. , 2019, , 29-55.		0
77	Standardization of sterilization time and plant bioregulators for callus formation in hybrid <i>Lilium cv. Fangio</i> . <i>International Journal of Pharma and Bio Sciences</i> , 2017, 8, .	0.1	0
78	Thermophiles: A Bio-Gadget towards Waste Reclamation through Cellulase Production. <i>International Journal of Environmental Science and Development</i> , 2018, 9, 394-397.	0.2	0
79	Phytochemical and Morphological Traits of Ginger Cultivars are Modulated by Agro-Climatic Conditions. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 0, , .	0.4	0