Enketeswara Subudhi

List of Publications by Year
in descending order

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81	875	623734	580821
papers	citations	14 h-index	25 g-index

81	81	81	1150
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Terpenoids from Zingiber officinale (Ginger) Induce Apoptosis in Endometrial Cancer Cells through the Activation of p53. PLoS ONE, 2012, 7, e53178.	2.5	112
2	Chemical Composition of Turmeric Oil (Curcuma longa L.cv. Roma) and its Antimicrobial Activity against Eye Infecting Pathogens. Journal of Essential Oil Research, 2011, 23, 11-18.	2.7	55
3	Prevalence of TEM, SHV, and CTX-M genes of extended-spectrum Î²-lactamase-producing Escherichia coli strains isolated from urinary tract infections in adults. 3 Biotech, 2017, 7, 244.	2.2	48
4	Biochemical and molecular profiling of micropropagated and conventionally grown Kaempferia galanga. Plant Cell, Tissue and Organ Culture, 2011, 106, 39-46.	2.3	45
5	Plant regeneration from callus culture of Curcuma aromatica and in vitro detection of somaclonal variation through cytophotometric analysis. Biologia Plantarum, 2008, 52, 783-786.	1.9	42
6	Bioprospecting hot spring metagenome: lipase for the production of biodiesel. Environmental Science and Pollution Research, 2017, 24, 3802-3809.	5.3	26
7	Evaluation of phytomedicinal yield potential and molecular profiling of micropropagated and conventionally grown turmeric (Curcuma longa L.). Plant Cell, Tissue and Organ Culture, 2011, 104, 263-269.	2.3	24
8	Cellulolytic thermophilic microorganisms in white biotechnology: a review. Folia Microbiologica, 2020, 65, 25-43.	2.3	23
9	Genetic Stability of Micropropagated Ginger Derived from Axillary Bud through Cytophotometric and RAPD Analysis. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2008, 63, 747-754.	1.4	22
10	Investigation of bacterial diversity of hot springs of Odisha, India. Genomics Data, 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. Plant Growth Regulation, 2011, 64, 91-98.	3.4	21
12	Quantitative approach to track lipase producing Pseudomonas sp. S1 in nonsterilized solid state fermentation. Letters in Applied Microbiology, 2014, 58, 610-616.	2.2	20
13	Antibiofilm and Antibacterial Activity of Essential Oil BearingZingiber officinaleRosc. (Ginger) Rhizome Against Multi-drug Resistant Isolates. Journal of Essential Oil-bearing Plants: JEOP, 2019, 22, 1163-1171.	1.9	20
14	Structural insights of microbial community of Deulajhari (India) hot spring using 16s-rRNA based metagenomic sequencing. Genomics Data, 2016, 7, 101-102.	1.3	19
15	Genomic characterization of XDR Klebsiella pneumoniae ST147 co-resistant to carbapenem and colistin â€“ The first report in India. Journal of Global Antimicrobial Resistance, 2020, 22, 54-56.	2.2	18
16	Statistical optimization for lipase production from solid waste of vegetable oil industry. Preparative Biochemistry and Biotechnology, 2018, 48, 321-326.	1.9	16
17	Parameter optimization for thermostable lipase production and performance evaluation as prospective detergent additive. Preparative Biochemistry and Biotechnology, 2020, 50, 578-584.	1.9	15
18	Isolation and characterization of NBS-LRR- resistance gene candidates in turmeric(Curcuma longa cv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.2	14

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19	Mining and characterization of EST derived microsatellites in Curcuma longa L. Bioinformation, 2010, 5, 128-131.	0.5	14
20	Assessment of Genetic Stability of Micropropagated Curcuma caesia through Cytophotometric and Molecular Analysis. Cytologia, 2010, 75, 73-81.	0.6	13
21	More Furious Than Ever:Escherichia coli-Acquired Co-resistance Toward Colistin and Carbapenems. Clinical Infectious Diseases, 2016, 63, ciw508.	5.8	13
22	Functional Genome Screening to Elucidate the Colistin Resistance Mechanism. Scientific Reports, 2016, 6, 23156.	3.3	12
23	Comparative Analysis of 16S rRNA Gene Illumina Sequence for Microbial Community Structure in Diverse Unexplored Hot Springs of Odisha, India. Geomicrobiology Journal, 2017, 34, 567-576.	2.0	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. Genomics Data, 2016, 9, 42-43.	1.3	11
26	Shift in Cyanobacteria Community Diversity in Hot Springs of India. Geomicrobiology Journal, 2018, 35, 141-147.	2.0	11
27	Molecular Cloning, Characterization, and Expression Analysis of Resistance Gene Candidates in Kaempferia galanga L.. Molecular Biotechnology, 2012, 50, 200-210.	2.4	10
28	De Novo transcriptome assembly of Zingiber officinale cv. Suruchi of Odisha. Genomics Data, 2016, 9, 87-88.	1.3	10
29	Molecular characterization of extended spectrum Î²-lactamase-producing Enterobacteriaceae strains isolated from a tertiary care hospital. Microbial Pathogenesis, 2018, 115, 112-116.	2.9	10
30	Characterization of novel metagenomicâ€“derived lipase from Indian hot spring. International Microbiology, 2020, 23, 233-240.	2.4	10
31	Prevalence of extended-spectrum-beta-lactamase and metallo-beta-lactamase producing multi drug resistance gram- negative bacteria from urinary isolates. Indian Journal of Medical Microbiology, 2013, 31, 420-421.	0.8	9
32	High frequency shoot proliferation from cotyledonary node of Lawsonia inermis L. and validation of their molecular finger printing. Journal of Crop Science and Biotechnology, 2017, 20, 405-416.	1.5	9
33	Bio-statistical optimization of lipase production by thermophilic Pseudomonas formosensis and its application on oral biofilm degradation. Biocatalysis and Agricultural Biotechnology, 2021, 33, 101969.	3.1	9
34	In vitro induction, screening and detection of high essential oil yielding somaclones in turmeric (Curcuma longa L.). Plant Growth Regulation, 2014, 72, 59-66.	3.4	8
35	A novel thermoalkaliphilic xylanase fromGordoniasp. is salt, solvent and surfactant tolerant. Journal of Basic Microbiology, 2014, 54, 1342-1349.	3.3	8
36	Genetic diversity analysis of 60 ginger germplasm core accessions using ISSR and SSR markers. Plant Biosystems, 2017, 151, 822-832.	1.6	8

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37	Assessment of Genetic Fidelity Using Random Amplified Polymorphic DNA and Inter Simple Sequence Repeats Markers of Lawsonia inermis L. Plants Regenerated by Axillary Shoot Proliferation. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2018, 88, 133-141.	1.0	8
38	Genotypic validation of extended-spectrum Î²-lactamase and virulence factors in multidrug resistance Klebsiella pneumoniae in an Indian hospital. Pathogens and Global Health, 2019, 113, 315-321.	2.3	8
39	Genetic Stability Assessment of Micropropagated Mango Ginger (Curcuma amada Roxb.) Through RAPD and ISSR Markers. Research Journal of Medicinal Plant, 2012, 6, 529-536.	0.3	8
40	Genetic diversity study of various Î²-lactamase-producing multidrug-resistant Escherichia coli isolates from a tertiary care hospital using ERIC-PCR. Indian Journal of Medical Research, 2017, 146, 23.	1.0	8
41	Phylogenetic study of metallo-Î²-lactamase producing multidrug resistant Pseudomonas aeruginosa isolates from burn patients. Burns, 2015, 41, 1758-1763.	1.9	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.	1.0	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.	3.5	6
44	Chemical Composition of Carvacrol Rich Leaf Essential Oil of Thymus vulgaris from India: Assessment of Antimicrobial, Antioxidant and Cytotoxic Potential. Journal of Essential Oil-bearing Plants: JEOP, 2021, 24, 1134-1145.	1.9	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.	0.4	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.	0.4	4
49	The first report of colistinâ€“carbapenem resistance in Klebsiella pneumoniae ST70 isolated from the pediatric unit in India. Brazilian Journal of Microbiology, 2020, 51, 1-3.	2.0	4
50	Bioremediation of Hydrocarbon Using Bacterial Lipase from Waste Biomass. Iranian Journal of Science and Technology, Transaction A: Science, 2020, 44, 1287-1293.	1.5	4
51	Genetic diversity analysis and redundant identification in 48 core collections of Zingiber officinale Rosc. (Zingiberaceae). Revista Brasileira De Botanica, 2016, 39, 869-883.	1.3	3
52	Biosynthesis and characterization of silver nanoparticles derived from marine bivalve Donax cuneatus (Linnaeus) and assessment of its antimicrobial potential. Inorganic and Nano-Metal Chemistry, 2017, 47, 1044-1048.	1.6	3
53	A phylogenetic study of Elizabethkingia anophelis bloodstream isolates obtained from inpatients at a single medical center. Infection Control and Hospital Epidemiology, 2019, 40, 1202-1204.	1.8	3
54	Insight into the structural configuration of metagenomically derived lipase from diverse extreme environment. Biocatalysis and Agricultural Biotechnology, 2019, 22, 101404.	3.1	3

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55	Evaluation of Community Structures and their Physicochemical Correlation with Five Hot Springs in India. Geomicrobiology Journal, 2021, 38, 655-671.	2.0	3
56	Effect of Surface Sterilization time and Plant Bioregulators for Callus Formation in Hybrid Lilium Cv. Tresor. Biosciences, Biotechnology Research Asia, 2017, 14, 709-713.	0.5	3
57	In vitro Validation and Phyto-constituent Analysis of Turmeric Extract: An Ethnological Alternative for Eye Treatment. Research Journal of Medicinal Plant, 2011, 5, 330-337.	0.3	3
58	Molecular prevalence of resistance determinants, virulence factors and capsular serotypes among colistin resistance carbapenemase producing Klebsiella pneumoniae: a multi-centric retrospective study. 3 Biotech, 2022, 12, 30.	2.2	3
59	Decontamination of metals from metallurgical effluent utilizingrhizopus arrhizusbiomass. International Journal of Environmental Studies, 1996, 50, 111-116.	1.6	2
60	In Vitro Selection of Turmeric Somaclone Resistant to Fusarium oxysporum f.sp. Zingiberi. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2014, 84, 1077-1082.	1.0	2
61	Electrical behavior of ZnO-valinomycin coated Ag electrode for the detection of K+ in blood. Journal of Materials Science: Materials in Electronics, 2015, 26, 992-997.	2.2	2
62	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2017, 17, .	0.9	2
63	Isolation of Cellulase Genes From Thermophilies. , 2019, , 151-169.		2
64	High quality SNPs/Indels mining and characterization in ginger from ESTs data base. Bioinformation, 2015, 11, 85-89.	0.5	2
65	Differential synthesis of essential oil in callus derived microshoots of turmeric (Curcuma longa L.) in vitro. Journal of Biotechnology, 2008, 136, S158.	3.8	1
66	Function Profiling of Microbial Community. , 2019, , 77-85.		1
67	Bacteria for Butanol Production: Bottlenecks, Achievements and Prospects. Journal of Pure and Applied Microbiology, 2019, 13, 1429-1440.	0.9	1
68	Characterization and Comparative Genomic Analysis of a Highly Colistin-Resistant Chryseobacterium gallinarum: a Rare, Uncommon Pathogen. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	1
69	Genetic stability of micropropagated ginger cultivars as assessed through in vitro and ex vitro evaluation. Journal of Biotechnology, 2008, 136, S158.	3.8	0
70	Deciphering the structural community from the Deulajhari hot spring using the next-generation sequencing. , 2016, , .		0
71	Reply to Mc Gann. Clinical Infectious Diseases, 2017, 64, 1632-1632.	5.8	0
72	Algal-Bacterial System: A Novel Low-Cost Biotechnological Initiative in Wastewater Treatment. , 2019, , 115-127.		0

#	Article	IF	Citations
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 Spirulina platensis: A New Trump Card on the Face of Global Arsenic Poisoning. , 2019, , 29-55.		0
77	Differential citral content of 15 lemongrass genotypes and their anti microbial property. The Internet Journal of Microbiology, 2009, 6, .	0.1	0
78	In Vitro Antimicrobial Study of Plant Essential Oils and Extracts. The Internet Journal of Microbiology, 2010, 8, .	0.1	0
79	Standardization of sterilization time and plant bioregulators for callus formation in hybrid Lilium cv. Fangio. International Journal of Pharma and Bio Sciences, 2017, 8, .	0.1	0
80	Thermophiles: A Bio-Gadget towards Waste Reclamation through Cellulase Production. International Journal of Environmental Science and Development, 2018, 9, 394-397.	0.6	0
81	Phytochemical and Morphological Traits of Ginger Cultivars are Modulated by Agro-Climatic Conditions. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 0, , .	1.0	0