

Sunil Pabbi

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

816
citations

687220

13
h-index

501076

28
g-index

33
all docs

33
docs citations

33
times ranked

949
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction and purification of C-phycoerythrin from <i>Spirulina platensis</i> (CCC540). <i>Indian Journal of Plant Physiology</i> , 2014, 19, 184-188.	0.8	142
2	Cyanobacteria: A potential biofertilizer for rice. <i>Resonance</i> , 2004, 9, 6-10.	0.2	115
3	Cyanobacterial pigments: Perspectives and biotechnological approaches. <i>Food and Chemical Toxicology</i> , 2018, 120, 616-624.	1.8	100
4	Enhancing production of microalgal biopigments through metabolic and genetic engineering. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 391-405.	5.4	83
5	Effects of nanofertilizers on soil and plant-associated microbial communities: Emerging trends and perspectives. <i>Chemosphere</i> , 2022, 287, 132107.	4.2	61
6	Lipid production and molecular dynamics simulation for regulation of accD gene in cyanobacteria under different N and P regimes. <i>Biotechnology for Biofuels</i> , 2017, 10, 94.	6.2	35
7	A multi-objective hybrid machine learning approach-based optimization for enhanced biomass and bioactive phycobiliproteins production in <i>Nostoc</i> sp. CCC-403. <i>Bioresource Technology</i> , 2021, 329, 124908.	4.8	33
8	Nutritional, Functional, Textural and Sensory Evaluation of <i>Spirulina</i> Enriched Green Pasta: A Potential Dietary and Health Supplement. <i>Foods</i> , 2022, 11, 979.	1.9	33
9	High-throughput proteomics and metabolomic studies guide re-engineering of metabolic pathways in eukaryotic microalgae: A review. <i>Bioresource Technology</i> , 2021, 321, 124495.	4.8	31
10	Effect of mineral phosphates on growth and nitrogen fixation of diazotrophic cyanobacteria <i>Anabaena variabilis</i> and <i>Westiellopsis prolifica</i> . <i>Antonie Van Leeuwenhoek</i> , 2010, 97, 297-306.	0.7	19
11	Phycobiliproteins from <i>Anabaena variabilis</i> CCC421 and its production enhancement strategies using combinatory evolutionary algorithm approach. <i>Bioresource Technology</i> , 2020, 309, 123347.	4.8	18
12	Nitrite accumulation in coastal clay soil of India under inadequate subsurface drainage. <i>Agricultural Water Management</i> , 2007, 91, 78-85.	2.4	14
13	Effect of Mineral Phosphate Solubilization on Biological Nitrogen Fixation by Diazotrophic Cyanobacteria. <i>Indian Journal of Microbiology</i> , 2011, 51, 48-53.	1.5	14
14	<i>Stenotrophomonas</i> : a versatile diazotrophic bacteria from the rhizospheric soils of Western Himalayas and development of its liquid biofertilizer formulation. <i>Vegetos</i> , 2019, 32, 103-109.	0.8	13
15	Effect of Nanohectazole on Nitrogen Fixing Blue Green Algae and Bacteria. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 643-647.	0.9	12
16	Blue Green Algae: A Potential Biofertilizer for Rice. <i>Cellular Origin and Life in Extreme Habitats</i> , 2015, , 449-465.	0.3	11
17	Chromatographic and spectroscopic characterization of phycocyanin and its subunits purified from <i>Anabaena variabilis</i> CCC421. <i>Applied Biochemistry and Microbiology</i> , 2014, 50, 62-68.	0.3	9
18	Impact of blue-green algae (BGA) technology: an empirical evidence from northwestern Indo-Gangetic Plains. <i>3 Biotech</i> , 2018, 8, 324.	1.1	9

#	ARTICLE	IF	CITATIONS
19	Cyanobacterial biofertilizerâ€™s successful journey from rural technology to commercial enterprise: an Indian perspective. <i>Journal of Applied Phycology</i> , 2020, 32, 3995-4002.	1.5	9
20	Protocol optimization for enhanced production of pigments in <i>Spirulina</i> . <i>Indian Journal of Plant Physiology</i> , 2013, 18, 308-312.	0.8	7
21	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2003, 19, 487-493.	1.7	6
22	A comparative study reveals the higher resolution of RAPD over ARDRA for analyzing diversity of <i>Nostoc</i> strains. <i>3 Biotech</i> , 2017, 7, 125.	1.1	6
23	Formulation of a minimal nutritional medium for enhanced lipid productivity in <i>Chlorella</i> sp. and <i>Botryococcus</i> sp. using response surface methodology. <i>Water Science and Technology</i> , 2018, 77, 1660-1672.	1.2	6
24	Differential responses of hydrogen peroxide, lipid peroxidation and antioxidant enzymes in <i>Azolla microphylla</i> exposed to paraquat and nitric oxide. <i>Biologia (Poland)</i> , 2012, 67, 1119-1128.	0.8	5
25	Molecular Analysis of Disease-Responsive Genes Revealing the Resistance Potential Against <i>Fusarium Wilt</i> (<i>Fusarium udum</i> Butler) Dependent on Genotype Variability in the Leguminous Crop Pigeonpea. <i>Frontiers in Genetics</i> , 2020, 11, 862.	1.1	5
26	A simple improved protocol for purification of C-phycoerythrin from overproducing cyanobacteria and its characterization. <i>Journal of Applied Phycology</i> , 2022, 34, 799-810.	1.5	5
27	Morphological characterization and molecular fingerprinting of <i>Nostoc</i> strains by multiplex RAPD. <i>Microbiology</i> , 2012, 81, 710-720.	0.5	4
28	Production of <i>Oscillatoria</i> sp. <i>BTA</i> â€™170 biomass in photobioreactor: Analysis of composition, drying behavior, sorption isotherm, and powder flow characteristics. <i>Journal of Food Process Engineering</i> , 2022, 45, .	1.5	4
29	Production of valuable platform chemicals through microalgal routes utilizing waste streams. <i>Bioresource Technology Reports</i> , 2022, 18, 101071.	1.5	3
30	Development of a microwaveâ€™assisted solvent extraction process for the extraction of highâ€™value carotenoids from <i>Chlorella</i> biomass. <i>Biofuels, Bioproducts and Biorefining</i> , 0, , .	1.9	2
31	Morphological characterization and molecular fingerprinting of <i>Nostoc</i> strains by multiplex RAPD. <i>Mikrobiologija</i> , 2012, 81, 768-78.	0.1	2
32	Biosynthetic Pathways in Microalgae Towards Production of Biopigments: Progress and Advances. , 2020, , 91-106.		0