

Sushanta Kumar Saha

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

770
citations

471509

17
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

1045
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of various stress-regulatory factors on biomass and lipid production in microalga <i>Haematococcus pluvialis</i> . <i>Bioresource Technology</i> , 2013, 128, 118-124.	9.6	97
2	Nitrogen stress induced changes in the marine cyanobacterium <i>Oscillatoria willei</i> BDU 130511. <i>FEMS Microbiology Ecology</i> , 2003, 45, 263-272.	2.7	67
3	Improved method for rapid detection of phthalates in bottled water by gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 997, 229-235.	2.3	64
4	Marine Microalgae for Potential Lutein Production. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6457.	2.5	46
5	Structural Elucidation of Irish Organic Farmed Salmon (<i>Salmo salar</i>) Polar Lipids with Antithrombotic Activities. <i>Marine Drugs</i> , 2018, 16, 176.	4.6	42
6	Exploitation of Microalgae Species for Nutraceutical Purposes: Cultivation Aspects. <i>Fermentation</i> , 2018, 4, 46.	3.0	41
7	Effect of macro- and micro-nutrient limitation on superoxide dismutase activities and carotenoid levels in microalga <i>Dunaliella salina</i> CCAP 19/18. <i>Bioresource Technology</i> , 2013, 147, 23-28.	9.6	40
8	Ligninolytic and antioxidative enzymes of a marine cyanobacterium <i>Oscillatoria willei</i> BDU 130511 during Poly R-478 decolourization. <i>Bioresource Technology</i> , 2010, 101, 3076-3084.	9.6	35
9	In Vitro Antithrombotic Properties of Salmon (<i>Salmo salar</i>) Phospholipids in a Novel Food-Grade Extract. <i>Marine Drugs</i> , 2019, 17, 62.	4.6	35
10	Overexpression of <i>pknE</i> Blocks Heterocyst Development in <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2011, 193, 2619-2629.	2.2	24
11	Laccase and polyphenol oxidase activities of marine cyanobacteria: a study with Poly R-478 decolourization. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 63-69.	3.6	23
12	The <i>sigE</i> Gene Is Required for Normal Expression of Heterocyst-Specific Genes in <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2011, 193, 1823-1832.	2.2	23
13	Identification of optimum fatty acid extraction methods for two different microalgae <i>Phaeodactylum tricornutum</i> and <i>Haematococcus pluvialis</i> for food and biodiesel applications. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4659-4667.	3.7	23
14	The Carotenogenic <i>Dunaliella salina</i> CCAP 19/20 Produces Enhanced Levels of Carotenoid under Specific Nutrients Limitation. <i>BioMed Research International</i> , 2018, 2018, 1-11.	1.9	21
15	Bioactive Lipids of Marine Microalga <i>Chlorococcum</i> sp. SABC 012504 with Anti-Inflammatory and Anti-Thrombotic Activities. <i>Marine Drugs</i> , 2021, 19, 28.	4.6	21
16	An Improved Method for Marine Cyanobacterial DNA Isolation. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 877-881.	3.6	18
17	Simultaneous Determination of 23 Azo Dyes in Paprika by Gas Chromatography-Mass Spectrometry. <i>Food Analytical Methods</i> , 2017, 10, 876-884.	2.6	18
18	Structural Elucidation of Irish Ale Bioactive Polar Lipids with Antithrombotic Properties. <i>Biomolecules</i> , 2020, 10, 1075.	4.0	17

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19	The effects of cooking salmon sous-vide on its antithrombotic properties, lipid profile and sensory characteristics. <i>Food Research International</i> , 2021, 139, 109976.	6.2	17
20	Biodiversity of epilithic cyanobacteria from freshwater streams of Kakojjana reserve forest, Assam, India. <i>Indian Journal of Microbiology</i> , 2007, 47, 219-232.	2.7	13
21	Effect of biomass pre-treatment on supercritical CO ₂ extraction of lipids from marine diatom <i>Amphora</i> sp. and its biomass evaluation as bioethanol feedstock. <i>Heliyon</i> , 2021, 7, e05995.	3.2	12
22	Diversity of Glutathione S-Transferases (GSTs) in Cyanobacteria with Reference to Their Structures, Substrate Recognition and Catalytic Functions. <i>Microorganisms</i> , 2020, 8, 712.	3.6	11
23	Uranium adsorption and oil emulsification by extracellular polysaccharide (EPS) of a halophilic unicellular marine cyanobacterium <i>Synechococcus elongatus</i> BDU130911. <i>Current Research in Green and Sustainable Chemistry</i> , 2021, 4, 100051.	5.6	11
24	Tagging of biomolecules with deuterated water (D ₂ O) in commercially important microalgae. <i>Biotechnology Letters</i> , 2013, 35, 1067-1072.	2.2	10
25	Anti-inflammatory and antithrombotic properties of polar lipid extracts, rich in unsaturated fatty acids, from the Irish marine cyanobacterium <i>Spirulina subsalsa</i> . <i>Journal of Functional Foods</i> , 2022, 94, 105124.	3.4	10
26	Marine cyanobacteria as potential alternative source for GABA production. <i>Bioresource Technology Reports</i> , 2019, 8, 100342.	2.7	7
27	Molecular Characterization of Twenty-Five Marine Cyanobacteria Isolated from Coastal Regions of Ireland. <i>Biology</i> , 2019, 8, 59.	2.8	5
28	Fermentation Enhances the Anti-Inflammatory and Anti-Platelet Properties of Both Bovine Dairy and Plant-Derived Dairy Alternatives. <i>Fermentation</i> , 2022, 8, 292.	3.0	5
29	Overexpression of Cu/Zn Superoxide Dismutase (Cu/Zn SOD) in <i>Synechococcus elongatus</i> PCC 7942 for Enhanced Azo Dye Removal through Hydrogen Peroxide Accumulation. <i>Biology</i> , 2021, 10, 1313.	2.8	3