Sushanta Kumar Saha

List of Publications by Year
in descending order

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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	Anti-inflammatory and antithrombotic properties of polar lipid extracts, rich in unsaturated fatty acids, from the Irish marine cyanobacterium Spirulina subsalsa. Journal of Functional Foods, 2022, 94, 105124.	3.4	10
2	Fermentation Enhances the Anti-Inflammatory and Anti-Platelet Properties of Both Bovine Dairy and Plant-Derived Dairy Alternatives. Fermentation, 2022, 8, 292.	3.0	5
3	The effects of cooking salmon sous-vide on its antithrombotic properties, lipid profile and sensory characteristics. Food Research International, 2021, 139, 109976.	6.2	17
4	Effect of biomass pre-treatment on supercritical CO2 extraction of lipids from marine diatom Amphora sp. and its biomass evaluation as bioethanol feedstock. Heliyon, 2021, 7, e05995.	3.2	12
5	Uranium adsorption and oil emulsification by extracellular polysaccharide (EPS) of a halophilic unicellular marine cyanobacterium Synechococcus elongatus BDU130911. Current Research in Green and Sustainable Chemistry, 2021, 4, 100051.	5.6	11
6	Bioactive Lipids of Marine Microalga Chlorococcum sp. SABC 012504 with Anti-Inflammatory and Anti-Thrombotic Activities. Marine Drugs, 2021, 19, 28.	4.6	21
7	Overexpression of Cu/Zn Superoxide Dismutase (Cu/Zn SOD) in SynechococcusÂelongatus PCC 7942 for Enhanced Azo Dye Removal through Hydrogen Peroxide Accumulation. Biology, 2021, 10, 1313.	2.8	3
8	Structural Elucidation of Irish Ale Bioactive Polar Lipids with Antithrombotic Properties. Biomolecules, 2020, 10, 1075.	4.0	17
9	Marine Microalgae for Potential Lutein Production. Applied Sciences (Switzerland), 2020, 10, 6457.	2.5	46
10	Diversity of Glutathione S-Transferases (GSTs) in Cyanobacteria with Reference to Their Structures, Substrate Recognition and Catalytic Functions. Microorganisms, 2020, 8, 712.	3.6	11
11	Marine cyanobacteria as potential alternative source for GABA production. Bioresource Technology Reports, 2019, 8, 100342.	2.7	7
12	Molecular Characterization of Twenty-Five Marine Cyanobacteria Isolated from Coastal Regions of Ireland. Biology, 2019, 8, 59.	2.8	5
13	In Vitro Antithrombotic Properties of Salmon (Salmo salar) Phospholipids in a Novel Food-Grade Extract. Marine Drugs, 2019, 17, 62.	4.6	35
14	Structural Elucidation of Irish Organic Farmed Salmon (Salmo salar) Polar Lipids with Antithrombotic Activities. Marine Drugs, 2018, 16, 176.	4.6	42
15	The Carotenogenic Dunaliella salina CCAP 19/20 Produces Enhanced Levels of Carotenoid under Specific Nutrients Limitation. BioMed Research International, 2018, 2018, 1-11.	1.9	21
16	Exploitation of Microalgae Species for Nutraceutical Purposes: Cultivation Aspects. Fermentation, 2018, 4, 46.	3.0	41
17	Identification of optimum fatty acid extraction methods for two different microalgae Phaeodactylum tricornutum and Haematococcus pluvialis for food and biodiesel applications. Analytical and Bioanalytical Chemistry, 2017, 409, 4659-4667.	3.7	23
18	Simultaneous Determination of 23 Azo Dyes in Paprika by Gas Chromatography-Mass Spectrometry. Food Analytical Methods, 2017, 10, 876-884.	2.6	18

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19	Improved method for rapid detection of phthalates in bottled water by gas chromatographyâ€“mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 997, 229-235.	2.3	64
20	Tagging of biomolecules with deuterated water (D2O) in commercially important microalgae. Biotechnology Letters, 2013, 35, 1067-1072.	2.2	10
21	Effect of macro- and micro-nutrient limitation on superoxide dismutase activities and carotenoid levels in microalga Dunaliella salina CCAP 19/18. Bioresource Technology, 2013, 147, 23-28.	9.6	40
22	Effect of various stress-regulatory factors on biomass and lipid production in microalga Haematococcus pluvialis. Bioresource Technology, 2013, 128, 118-124.	9.6	97
23	The sigE Gene Is Required for Normal Expression of Heterocyst-Specific Genes in Anabaena sp. Strain PCC 7120. Journal of Bacteriology, 2011, 193, 1823-1832.	2.2	23
24	Overexpression of pknE Blocks Heterocyst Development in Anabaena sp. Strain PCC 7120. Journal of Bacteriology, 2011, 193, 2619-2629.	2.2	24
25	Laccase and polyphenol oxidase activities of marine cyanobacteria: a study with Poly R-478 decolourization. World Journal of Microbiology and Biotechnology, 2010, 26, 63-69.	3.6	23
26	Ligninolytic and antioxidative enzymes of a marine cyanobacterium Oscillatoria willei BDU 130511 during Poly R-478 decolourization. Bioresource Technology, 2010, 101, 3076-3084.	9.6	35
27	Biodiversity of epilithic cyanobacteria from freshwater streams of Kakoijana reserve forest, Assam, India. Indian Journal of Microbiology, 2007, 47, 219-232.	2.7	13
28	An Improved Method for Marine Cyanobacterial DNA Isolation. World Journal of Microbiology and Biotechnology, 2005, 21, 877-881.	3.6	18
29	Nitrogen stress induced changes in the marine cyanobacterium Oscillatoria willei BDU 130511. FEMS Microbiology Ecology, 2003, 45, 263-272.	2.7	67