

Ranga Rao Ambati

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,625
citations

567281

15
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

3419
citing authors

#	ARTICLE	IF	CITATIONS
1	Astaxanthin: Sources, Extraction, Stability, Biological Activities and Its Commercial Applicationsâ€”A Review. <i>Marine Drugs</i> , 2014, 12, 128-152.	4.6	1,323
2	Industrial potential of carotenoid pigments from microalgae: Current trends and future prospects. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 1880-1902.	10.3	208
3	Effective Inhibition of Skin Cancer, Tyrosinase, and Antioxidative Properties by Astaxanthin and Astaxanthin Esters from the Green Alga <i>Haematococcus pluvialis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 3842-3851.	5.2	195
4	Influence of Nitrogen and Phosphorus on Microalgal Growth, Biomass, Lipid, and Fatty Acid Production: An Overview. <i>Cells</i> , 2021, 10, 393.	4.1	189
5	Characterization of Microalgal Carotenoids by Mass Spectrometry and Their Bioavailability and Antioxidant Properties Elucidated in Rat Model. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 8553-8559.	5.2	156
6	In vivo bioavailability and antioxidant activity of carotenoids from microalgal biomass â€” A repeated dose study. <i>Food Research International</i> , 2013, 54, 711-717.	6.2	95
7	Stabilization of astaxanthin in edible oils and its use as an antioxidant. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 957-965.	3.5	93
8	Antioxidant Activity of <i>Botryococcus braunii</i> Extract Elucidated in Vitro Models. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 4593-4599.	5.2	91
9	Evaluation of hepatoprotective and antioxidant activity of astaxanthin and astaxanthin esters from microalga- <i>Haematococcus pluvialis</i> . <i>Journal of Food Science and Technology</i> , 2015, 52, 6703-6710.	2.8	45
10	Guava Leaf Extract Diminishes Hyperglycemia and Oxidative Stress, Preventsâ€”Cell Death, Inhibits Inflammation, and Regulates NF- κ B Signaling Pathway in STZ Induced Diabetic Rats. <i>BioMed Research International</i> , 2018, 2018, 1-14.	1.9	35
11	Isoflavones derived from plant raw materials: bioavailability, anti-cancer, anti-aging potentials, and microbiome modulation. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 261-287.	10.3	33
12	Bioethanol production from agarophyte red seaweed, <i>Gelidium elegans</i> , using a novel sample preparation method for analysing bioethanol content by gas chromatography. <i>3 Biotech</i> , 2019, 9, 25.	2.2	28
13	<i>Botryococcus</i> as an alternative source of carotenoids and its possible applications â€” an overview. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 541-558.	9.0	25
14	Recent Advances in Probiotics as Live Biotherapeutics Against Gastrointestinal Diseases. <i>Current Pharmaceutical Design</i> , 2018, 24, 3162-3171.	1.9	18
15	Purification and characterization of fibrinolytic enzyme from a bacterium isolated from soil. <i>3 Biotech</i> , 2018, 8, 90.	2.2	17
16	Recent developments in microalgal conversion of organic-enriched waste streams. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020, 24, 61-66.	5.9	16
17	Congenital Hypothyroidism: Facts, Facets & Therapy. <i>Current Pharmaceutical Design</i> , 2017, 23, 2308-2313.	1.9	15
18	Techniques to Control Microbial Contaminants in Nonsterile Microalgae Cultivation. <i>Applied Biochemistry and Biotechnology</i> , 2020, 192, 1376-1385.	2.9	14

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19	Development of universal purification protocols for fibrinolytic enzyme-producing bacilli. CYTA - Journal of Food, 2019, 17, 112-120.	1.9	9
20	CHECKLIST OF MICROALGAE COLLECTED FROM DIFFERENT HABITATS IN PENINSULAR MALAYSIA FOR SELECTION OF ALGAL BIOFUEL FEEDSTOCKS. Malaysian Journal of Science, 2015, 34, 141-167.	0.3	6
21	Recent development in black garlic: Nutraceutical applications and health-promoting phytoconstituents. Food Reviews International, 2023, 39, 3534-3554.	8.4	5
22	Corrigendum to: Screening of Ipomoea tuba Leaf Extract for Identification of Bioactive Compounds and Evaluation of Its in vitro Antiproliferative Activity Against MCF-7 and HeLa Cells (Published: Food Technology, 2020, 58, 356-356).	2.1	0
23	Screening of Ipomoea tuba Leaf Extract for Identification of Bioactive Constitutes and Evaluation of Its in vitro Anti-Proliferative Activity Against MCF-7 and HeLa Cells. Food Technology and Biotechnology, 2020, 58, 71-85.	2.1	0
24	Biorefinery approaches for integral use of microalgal biomass. , 2022, , 321-344.		0