

Chung-Yung Huang

List of Publications by Year in descending order

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34
papers

976
citations

471371

17
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31
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35
all docs

35
docs citations

35
times ranked

1132
citing authors

#	ARTICLE	IF	CITATIONS
1	High pressure processing extend the shelf life of milkfish flesh during refrigerated storage. <i>Food Control</i> , 2022, 134, 108768.	2.8	7
2	Efficient fucoidan extraction and purification from <i>Sargassum cristaefolium</i> and preclinical dermal biological activity assessments of the purified fucoidans. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 137, 104294.	2.7	11
3	Continuous Production of DHA and EPA Ethyl Esters via Lipase-Catalyzed Transesterification in an Ultrasonic Packed-Bed Bioreactor. <i>Catalysts</i> , 2022, 12, 404.	1.6	6
4	Extraction, Biochemical Characterization, and Health Effects of Native and Degraded Fucoidans from <i>Sargassum crispifolium</i> . <i>Polymers</i> , 2022, 14, 1812.	2.0	8
5	Combined effect of brine salting and high-hydrostatic-pressure processing to improve the microbial quality and physicochemical properties of milkfish fillet. <i>International Journal of Food Properties</i> , 2022, 25, 872-884.	1.3	4
6	Isolation and purification of brown algae fucoidan from <i>Sargassum siliquosum</i> and the analysis of anti-lipogenesis activity. <i>Biochemical Engineering Journal</i> , 2021, 165, 107798.	1.8	32
7	Effect of Oversulfation on the Composition, Structure, and In Vitro Anti-Lung Cancer Activity of Fucoidans Extracted from <i>Sargassum aquifolium</i> . <i>Marine Drugs</i> , 2021, 19, 215.	2.2	12
8	Physicochemical and Antioxidant Properties of Gelatin and Gelatin Hydrolysates Obtained from Extrusion-Pretreated Fish (<i>Oreochromis</i> sp.) Scales. <i>Marine Drugs</i> , 2021, 19, 275.	2.2	21
9	Chitosan-Based Anti-Oxidation Delivery Nano-Platform: Applications in the Encapsulation of DHA-Enriched Fish Oil. <i>Marine Drugs</i> , 2021, 19, 470.	2.2	7
10	Effect of molecular mass and sulfate content of fucoidan from <i>Sargassum siliquosum</i> on antioxidant, anti-lipogenesis, and anti-inflammatory activity. <i>Journal of Bioscience and Bioengineering</i> , 2021, 132, 359-364.	1.1	28
11	Ultrasonic-Assisted Extraction and Structural Characterization of Chondroitin Sulfate Derived from Jumbo Squid Cartilage. <i>Foods</i> , 2021, 10, 2363.	1.9	13
12	Synthesis of DHA/EPA Ethyl Esters via Lipase-Catalyzed Acidolysis Using Novozym® 435: A Kinetic Study. <i>Catalysts</i> , 2020, 10, 565.	1.6	11
13	Effect of Brine Concentrations on the Bacteriological and Chemical Quality and Histamine Content of Brined and Dried Milkfish. <i>Foods</i> , 2020, 9, 1597.	1.9	6
14	Degradation of <i>Sargassum crassifolium</i> Fucoidan by Ascorbic Acid and Hydrogen Peroxide, and Compositional, Structural, and In Vitro Anti-Lung Cancer Analyses of the Degradation Products. <i>Marine Drugs</i> , 2020, 18, 334.	2.2	13
15	Concentration of Docosahexaenoic and Eicosapentaenoic Acid from Cobia Liver Oil by Acetone Fractionation of Fatty Acid Salts. <i>Applied Biochemistry and Biotechnology</i> , 2020, 192, 517-529.	1.4	8
16	In Vitro Evaluation of Anti-Colon Cancer Potential of Crude Extracts of Fucoidan Obtained from <i>Sargassum Glaucescens</i> Pretreated by Compressional-Puffing. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3058.	1.3	10
17	Structure and Biological Activity Analysis of Fucoidan Isolated from <i>Sargassum siliquosum</i> . <i>ACS Omega</i> , 2020, 5, 32447-32455.	1.6	45
18	Bioprocessed Production of Resveratrol-Enriched Rice Wine: Simultaneous Rice Wine Fermentation, Extraction, and Transformation of Piceid to Resveratrol from <i>Polygonum cuspidatum</i> Roots. <i>Foods</i> , 2019, 8, 258.	1.9	7

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19	Determination of Histamine in Japanese Spanish Mackerel (<i>Scomberomorus niphonius</i>) Meat Implicated in a Foodborne Poisoning. <i>Journal of Food Protection</i> , 2019, 82, 1643-1649.	0.8	15
20	The effect of extrusion puffing on the physicochemical properties of brown rice used for saccharification and Chinese rice wine fermentation. <i>Food Hydrocolloids</i> , 2019, 94, 363-370.	5.6	44
21	Extraction of crude chitosans from squid (<i>Illex argentinus</i>) pen by a compressional puffing-pretreatment process and evaluation of their antibacterial activity. <i>Food Chemistry</i> , 2018, 254, 217-223.	4.2	28
22	Enhancement of Cell Adhesion, Cell Growth, Wound Healing, and Oxidative Protection by Gelatins Extracted from Extrusion-Pretreated Tilapia (<i>Oreochromis sp.</i>) Fish Scale. <i>Molecules</i> , 2018, 23, 2406.	1.7	18
23	Characterization and Antioxidant and Angiotensin I-Converting Enzyme (ACE)-Inhibitory Activities of Gelatin Hydrolysates Prepared from Extrusion-Pretreated Milkfish (<i>Chanos chanos</i>) Scale. <i>Marine Drugs</i> , 2018, 16, 346.	2.2	26
24	Compressional-Puffing Pretreatment Enhances Neuroprotective Effects of Fucoidans from the Brown Seaweed <i>Sargassum hemiphyllum</i> on 6-Hydroxydopamine-Induced Apoptosis in SH-SY5Y Cells. <i>Molecules</i> , 2018, 23, 78.	1.7	34
25	Free Radical-Scavenging, Anti-Inflammatory, and Antibacterial Activities of Water and Ethanol Extracts Prepared from Compressional-Puffing Pretreated Mango (<i>Mangifera indica</i> L.) Peels. <i>Journal of Food Quality</i> , 2018, 2018, 1-13.	1.4	27
26	Antibacterial and Antioxidant Capacities and Attenuation of Lipid Accumulation in 3T3-L1 Adipocytes by Low-Molecular-Weight Fucoidans Prepared from Compressional-Puffing-Pretreated <i>Sargassum crassifolium</i> . <i>Marine Drugs</i> , 2018, 16, 24.	2.2	33
27	Extracting antioxidant phenolic compounds from compressional-puffing pretreated <i>Pinus morrisonicola</i> : Effects of operational parameters, kinetics and characterization. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 75, 70-76.	2.7	16
28	Antioxidant phenolic compounds from <i>Pinus morrisonicola</i> using compressional-puffing pretreatment and water-ethanol extraction: Optimization of extraction parameters. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 70, 7-14.	2.7	18
29	Compositional Characteristics and In Vitro Evaluations of Antioxidant and Neuroprotective Properties of Crude Extracts of Fucoidan Prepared from Compressional Puffing-Pretreated <i>Sargassum crassifolium</i> . <i>Marine Drugs</i> , 2017, 15, 183.	2.2	35
30	Antioxidant activities of crude extracts of fucoidan extracted from <i>Sargassum glaucescens</i> by a compressional-puffing-hydrothermal extraction process. <i>Food Chemistry</i> , 2016, 197, 1121-1129.	4.2	109
31	Isolation and characterization of fish scale collagen from tilapia (<i>Oreochromis sp.</i>) by a novel extrusion-hydro-extraction process. <i>Food Chemistry</i> , 2016, 190, 997-1006.	4.2	159
32	Reduction of histamine and biogenic amines during salted fish fermentation by <i>Bacillus polymyxa</i> as a starter culture. <i>Journal of Food and Drug Analysis</i> , 2016, 24, 157-163.	0.9	45
33	Antioxidant activity and growth inhibition of human colon cancer cells by crude and purified fucoidan preparations extracted from <i>Sargassum cristaeifolium</i> . <i>Journal of Food and Drug Analysis</i> , 2015, 23, 766-777.	0.9	70
34	Evaluation of iron-binding activity of collagen peptides prepared from the scales of four cultivated fishes in Taiwan. <i>Journal of Food and Drug Analysis</i> , 2015, 23, 671-678.	0.9	48