

Vikash Chandra Roy

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

289
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction of astaxanthin using ultrasound-assisted natural deep eutectic solvents from shrimp wastes and its application in bioactive films. <i>Journal of Cleaner Production</i> , 2021, 284, 125417.	9.3	46
2	Recovery and bio-potentialities of astaxanthin-rich oil from shrimp (<i>Penaeus monodon</i>) waste and mackerel (<i>Scomberomous niphonius</i>) skin using concurrent supercritical CO ₂ extraction. <i>Journal of Supercritical Fluids</i> , 2020, 159, 104773.	3.2	35
3	Fabrication of chitosan-based food packaging film impregnated with turmeric essential oil (TEO)-loaded magnetic-silica nanocomposites for surimi preservation. <i>International Journal of Biological Macromolecules</i> , 2022, 203, 650-660.	7.5	35
4	Preparation of bio-functional surimi gel incorporation of fish oil and green tea extracts: Physico-chemical activities, in-vitro digestibility, and bacteriostatic properties. <i>Food Control</i> , 2021, 130, 108402.	5.5	29
5	Sulfation and characterization of polysaccharides from Oyster mushroom (<i>Pleurotus ostreatus</i>) extracted using subcritical water. <i>Journal of Supercritical Fluids</i> , 2022, 179, 105412.	3.2	28
6	Amino Acid Profiles and Biopotentiality of Hydrolysates Obtained from Comb Panshell (<i>Atrina</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	4.6	21
7	Supercritical CO ₂ extraction and quality comparison of lipids from Yellowtail fish (<i>Seriola lalandi</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 11 Preservation, 2020, 44, e14892.	2.0	17
8	In vitro characterization of bioactive compounds extracted from sea urchin (<i>Stomopneustes</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	8.2	17
9	Lipid Indexes and Quality Evaluation of Omega-3 Rich Oil from the Waste of Japanese Spanish Mackerel Extracted by Supercritical CO ₂ . <i>Marine Drugs</i> , 2022, 20, 70.	4.6	16
10	Extraction of edible oils and amino acids from eel by-products using clean compressed solvents: An approach of complete valorization. <i>Food Chemistry</i> , 2022, 388, 132949.	8.2	13
11	Edible oil extracted from anchovies using supercritical CO ₂ : Availability of fat-soluble vitamins and comparison with commercial oils. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15441.	2.0	10
12	Prevalence of Salmonella and Escherichia coli contamination in shrimp (<i>Penaeus monodon</i>) farms, depots and processing plants in different areas of Bangladesh. <i>Asian Journal of Medical and Biological Research</i> , 2016, 2, 171-176.	0.2	9
13	Pretreatment processes assisted subcritical water hydrolysis for valorisation of spent coffee grounds. <i>International Journal of Food Science and Technology</i> , 2022, 57, 5090-5101.	2.7	6
14	Influence of salt and herbal substance on the drying and reconstitution performance of Bombay duck, <i>Harpodon nehereus</i> . <i>Journal of Fisheries</i> , 2014, 2, 59.	0.3	4
15	Efficiency of organic pesticides, turmeric (<i>Curcuma longa</i>) and neem (<i>Azadirachta indica</i>) against dry fish beetle (<i>Dermestes</i> sp.) during storage condition. <i>Journal of the Bangladesh Agricultural University</i> , 2019, 17, 110-116.	0.1	3
16	Cover Image, Volume 45, Issue 5. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15626.	2.0	0