

Deepika Dave

List of Publications by Year in descending order

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36
papers

1,512
citations

566801

15
h-index

377514

34
g-index

37
all docs

37
docs citations

37
times ranked

1975
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Fish Spoilage Mechanisms and Preservation Techniques: Review. American Journal of Applied Sciences, 2010, 7, 859-877. | 0.1 | 408 |
| 2 | Meat Spoilage Mechanisms and Preservation Techniques: A Critical Review. American Journal of Agricultural and Biological Science, 2011, 6, 486-510. | 0.9 | 336 |
| 3 | Production of Biodiesel by Enzymatic Transesterification: Review. American Journal of Biochemistry and Biotechnology, 2010, 6, 54-76. | 0.1 | 199 |
| 4 | Northern Sea Cucumber (<i>Cucumaria frondosa</i>): A Potential Candidate for Functional Food, Nutraceutical, and Pharmaceutical Sector. Marine Drugs, 2020, 18, 274. | 2.2 | 67 |
| 5 | Biorefinery approach and environment-friendly extraction for sustainable production of astaxanthin from marine wastes. Critical Reviews in Biotechnology, 2019, 39, 469-488. | 5.1 | 55 |
| 6 | Sea Cucumber Derived Type I Collagen: A Comprehensive Review. Marine Drugs, 2020, 18, 471. | 2.2 | 51 |
| 7 | Current scenario of Canadian fishery and corresponding underutilized species and fishery byproducts: A potential source of omega-3 fatty acids. Journal of Cleaner Production, 2018, 180, 617-641. | 4.6 | 38 |
| 8 | Extraction and Purification of Collagenase Enzymes: A Critical Review. American Journal of Biochemistry and Biotechnology, 2010, 6, 239-263. | 0.1 | 33 |
| 9 | Effect of assay conditions on the measurement of dehydrogenase activity of <i>Streptomyces venezuelae</i> using triphenyl tetrazolium chloride. Advances in Bioscience and Biotechnology (Print), 2011, 02, 214-225. | 0.3 | 23 |
| 10 | Marine Oils as Potential Feedstock for Biodiesel Production: Physicochemical Characterization. Journal of Bioprocessing & Biotechniques, 2014, 04, . | 0.2 | 22 |
| 11 | Production of High Quality Fish Oil by Enzymatic Protein Hydrolysis from Cultured Atlantic Salmon By-Products: Investigation on Effect of Various Extraction Parameters Using Central Composite Rotatable Design. Waste and Biomass Valorization, 2018, 9, 2003-2014. | 1.8 | 22 |
| 12 | Isolation and activation of collagenase from fish processing waste. Advances in Bioscience and Biotechnology (Print), 2012, 03, 191-203. | 0.3 | 21 |
| 13 | Phenolic Compounds and Antioxidant Capacity of Sea Cucumber (<i>Cucumaria frondosa</i>) Processing Discards as Affected by High-Pressure Processing (HPP). Antioxidants, 2022, 11, 337. | 2.2 | 21 |
| 14 | Arsenic speciation in sea cucumbers: Identification and quantitation of water-extractable species. Environmental Pollution, 2020, 266, 115190. | 3.7 | 19 |
| 15 | Astaxanthin recovery from Atlantic shrimp (<i>Pandalus borealis</i>) processing materials. Bioresource Technology Reports, 2020, 11, 100535. | 1.5 | 19 |
| 16 | Two-step demineralization of shrimp (<i>Pandalus Borealis</i>) shells using citric acid: an environmentally friendly, safe and cost-effective alternative to the traditional approach. Green Chemistry, 2022, 24, 1141-1151. | 4.6 | 16 |
| 17 | Availability of marine collagen from Newfoundland fisheries and aquaculture waste resources. Bioresource Technology Reports, 2019, 7, 100271. | 1.5 | 15 |
| 18 | Enzymatic hydrolysis of farmed Atlantic salmon by-products: Investigation of operational parameters on extracted oil yield and quality. Process Biochemistry, 2021, 100, 10-19. | 1.8 | 15 |

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|----|---|-----|-----------|
| 19 | Antioxidant potential and physicochemical properties of protein hydrolysates from body parts of North Atlantic sea cucumber (<i>Cucumaria frondosa</i>). Food Production Processing and Nutrition, 2021, 3, . | 1.1 | 15 |
| 20 | Effect of High-Pressure Processing (HPP) on Phenolics of North Atlantic Sea Cucumber (<i>Cucumaria</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T | 2.4 | 14 |
| 21 | Effect of Drying on Nutritional Composition of Atlantic Sea Cucumber (<i>Cucumaria frondosa</i>) Viscera Derived from Newfoundland Fisheries. Processes, 2021, 9, 703. | 1.3 | 13 |
| 22 | Biodegradation of Phenolic Compounds in Creosote Treated Wood Waste by a Composting Microbial Culture Augmented with the Fungus &i>Thermoascus aurantiacus&i>. American Journal of Biochemistry and Biotechnology, 2011, 7, 90-103. | 0.1 | 12 |
| 23 | Lipid class and fatty acid composition of oil extracted from Atlantic salmon by-products under different optimization parameters of enzymatic hydrolysis. Biocatalysis and Agricultural Biotechnology, 2020, 30, 101866. | 1.5 | 12 |
| 24 | Beyond processing waste: Extraction of oil from Atlantic salmon (<i>Salmo salar</i>) by-products using immobilized Alcalase on chitosan-coated magnetic nanoparticles. Aquaculture, 2022, 548, 737546. | 1.7 | 10 |
| 25 | Study of drying kinetics of salmon processing by-products at different temperatures and the quality of extracted fish oil. Drying Technology, 2017, 35, 1981-1993. | 1.7 | 9 |
| 26 | Recent progress on immobilization technology in enzymatic conversion of marine by-products to concentrated omega-3 fatty acids. Green Chemistry, 2022, 24, 1049-1066. | 4.6 | 9 |
| 27 | KINETICS OF BIOLOGICAL TREATMENT OF LOW LEVEL PESTICIDE WASTEWATER. American Journal of Environmental Sciences, 2012, 8, 424-432. | 0.3 | 8 |
| 28 | Statistical Optimization of Biodiesel Production from Salmon Oil via Enzymatic Transesterification: Investigation of the Effects of Various Operational Parameters. Processes, 2021, 9, 700. | 1.3 | 7 |
| 29 | Sequential Remediation Processes for Effective Removal of Oil from Contaminated Soils. American Journal of Environmental Sciences, 2011, 7, 477-491. | 0.3 | 6 |
| 30 | NUTRIENT COMPOSITION OF DANDELIONS AND ITS POTENTIAL AS HUMAN FOOD. American Journal of Biochemistry and Biotechnology, 2012, 8, 118-127. | 0.1 | 6 |
| 31 | Effect of Different Exogeneous Compounds on Biosorption of Endosulfan. American Journal of Environmental Sciences, 2011, 7, 224-236. | 0.3 | 3 |
| 32 | Current freezing and thawing scenarios employed by North Atlantic fisheries: their potential role in Newfoundland and Labrador's northern cod (<i>Gadus morhua</i>) fishery. PeerJ, 2021, 9, e12526. | 0.9 | 3 |
| 33 | Augmenting Composting Microbial Community with Thermophilic Cellulolytic Organisms for Enhanced Degradation of Phenolic Compounds in Creosote Treated Wood Waste. Journal of Bioremediation & Biodegradation, 2012, 03, . | 0.5 | 2 |
| 34 | Degradation of Phenolic Compounds in Creosote Treated Wood Waste by A Mixed Microbial Culture Augmented with Cellulolytic- Thermophilic Actinomycetes &i>Thermobifida fusca&i>. Journal of Environmental Protection, 2012, 03, 83-96. | 0.3 | 2 |
| 35 | Fishery Byproducts: Recovery of High Value Nutritional Components. , 2019, , . | | 1 |
| 36 | Efficacy of various biosorbents for removal of endosulfan from water environment. International Journal of Environmental Engineering, 2014, 6, 287. | 0.1 | 0 |