

Muthuvel Arumugam

List of Publications by Year in descending order

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33
papers

1,037
citations

516561

16
h-index

414303

32
g-index

37
all docs

37
docs citations

37
times ranked

1346
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and characterization of thermostable collagen from the marine eel-fish (Eenchelys) Tj ETQq1 1 0.784314,rgBT /Overlock 10	1.8	154
2	Antioxidant activity and anticancer effect of bioactive peptide from enzymatic hydrolysate of oyster (<i>Saccostrea cucullata</i>). <i>Biomedicine and Preventive Nutrition</i> , 2014, 4, 343-353.	0.9	115
3	Isolation and characterization of collagen from the outer skin of squid (<i>Doryteuthis singhalensis</i>). <i>Food Hydrocolloids</i> , 2015, 43, 708-716.	5.6	115
4	Intestinal Mast Cell Levels Control Severity of Oral Antigen-Induced Anaphylaxis in Mice. <i>American Journal of Pathology</i> , 2012, 180, 1535-1546.	1.9	93
5	Isolation and characterization of acid and pepsin-solubilized collagen from the skin of sailfish (<i>Istiophorus platypterus</i>). <i>Food Research International</i> , 2013, 54, 1499-1505.	2.9	81
6	In vitro antioxidant properties and FTIR analysis of two seaweeds of Gulf of Mannar. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2011, 1, S66-S70.	0.5	59
7	Evaluation of astaxanthin incorporated collagen film developed from the outer skin waste of squid <i>Doryteuthis singhalensis</i> for wound healing and tissue regenerative applications. <i>Materials Science and Engineering C</i> , 2019, 95, 29-42.	3.8	52
8	Cell type and gender-dependent differential regulation of the p202 and Aim2 proteins: Implications for the regulation of innate immune responses in SLE. <i>Molecular Immunology</i> , 2011, 49, 273-280.	1.0	40
9	Isolation and characterization of drug delivering potential of type-I collagen from eel fish <i>Evenchelys macrura</i> . <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1729-1738.	1.7	35
10	Isolation, characterization and antioxidant activity of hyaluronic acid from marine bivalve mollusc <i>Amussium pleuronectus</i> (Linnaeus, 1758). <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2013, 2, 1-7.	1.5	35
11	Isolation and characterization of hyaluronic acid from the liver of marine stingray <i>Aetobatus narinari</i> . <i>International Journal of Biological Macromolecules</i> , 2013, 54, 84-89.	3.6	35
12	Preliminary investigation on antimicrobial and proteolytic property of the epidermal mucus secretion of marine stingrays. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2011, 1, S239-S243.	0.5	28
13	Isolation and Characterization of Hyaluronic Acid from Marine Organisms. <i>Advances in Food and Nutrition Research</i> , 2014, 72, 61-77.	1.5	26
14	Purification and Characterization of Antioxidant Peptides from Oyster (<i>Saccostrea cucullata</i>) Hydrolysate and the Anticancer Activity of Hydrolysate on Human Colon Cancer Cell Lines. <i>International Journal of Peptide Research and Therapeutics</i> , 2014, 20, 231-243.	0.9	25
15	Increased susceptibility of 129SvEvBrd mice to IgE-Mast cell mediated anaphylaxis. <i>BMC Immunology</i> , 2011, 12, 14.	0.9	19
16	Formulation of alginate based hydrogel from brown seaweed, <i>Turbinaria conoides</i> for biomedical applications. <i>Heliyon</i> , 2019, 5, e02916.	1.4	16
17	Fibrinogenolytic and anticoagulant activities in the tissue covering the stingers of marine stingrays <i>Dasyatis sephen</i> and <i>Aetobatis narinari</i> . <i>Journal of Thrombosis and Thrombolysis</i> , 2011, 31, 464-471.	1.0	14
18	Isolation and Structural Elucidation of Antioxidant Peptides from Oyster (<i>Saccostrea cucullata</i>) Protein Hydrolysate. <i>Protein and Peptide Letters</i> , 2014, 21, 1073-1083.	0.4	12

#	ARTICLE	IF	CITATIONS
19	Distribution of Tetraodontiformes (Family: Tetraodontidae) along the Parangipettai Coast, Southeast coast of India. Zootaxa, 2011, 3015, .	0.2	11
20	Screening of antiangiogenic potential of twenty two marine invertebrate extracts of phylum Mollusca from South East Coast of India. Asian Pacific Journal of Tropical Biomedicine, 2014, 4, S129-S138.	0.5	11
21	Antiproliferative activity of marine stingray <i>Dasyatis sephen</i> venom on human cervical carcinoma cell line. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2015, 21, 41.	0.8	11
22	Biomedical Potential of Astaxanthin from Novel Endophytic Pigment Producing Bacteria <i>Pontibacter korlensis</i> AG6. Waste and Biomass Valorization, 2021, 12, 2119-2129.	1.8	10
23	Studies on bioprospecting potential of a gastropod mollusc <i>Cantharus tranquebaricus</i> (Gmelin, 1791). Asian Pacific Journal of Tropical Biomedicine, 2012, 2, 759-764.	0.5	8
24	Studies on biochemical and biomedical properties of <i>Conus betulinus</i> venom. Asian Pacific Journal of Tropical Disease, 2014, 4, S102-S110.	0.5	5
25	Isolation and Characterization of Biologically Active Venom Protein from Sea Snake <i>Enhydrina schistosa</i> . Journal of Biochemical and Molecular Toxicology, 2015, 29, 140-147.	1.4	5
26	Isolation and Identification of Cytotoxic and Biological Active Toxin from the Puffer Fish <i>Arothron stellatus</i> . Toxicological Research, 2016, 32, 215-223.	1.1	5
27	Antioxidant Properties of Protein Hydrolysate Obtained from Oyster <i>Saccostrea cucullata</i> (Born, 1778). Journal of Aquatic Food Product Technology, 2015, 24, 502-515.	0.6	4
28	Biological Activities of Heparan Sulfate. Advances in Food and Nutrition Research, 2014, 72, 125-135.	1.5	3
29	In Vitro Studies and Characterization of Tissue Protein from Green Mussel, <i>Perna viridis</i> (Linnaeus,) Tj ETQq1 1 0.784314 rgBT /Overlook Therapeutics, 2020, 26, 159-169.	0.9	2
30	Anti-cancer Properties of Protein Hydrolysate from the Posterior Salivary Gland of <i>Amphioctopus membranaceus</i> (Quoy & Gaimard, 1832). International Journal of Peptide Research and Therapeutics, 2020, 26, 1429-1436.	0.9	2
31	Antagonistic and Cyto-Toxicity Activity of Mollusc Methanol Extracts. Journal of Biological Sciences, 2013, 14, 60-66.	0.1	2
32	Investigation on neurotoxin of sea snail meat. Journal of Coastal Life Medicine, 2016, 4, 98-103.	0.2	1
33	Bio Prospecting the Enzymatic and Anticancer Potential of Spine Secretions of Marine Catfish (<i>Plotosus lineatus</i>). Journal of Biologically Active Products From Nature, 2015, 5, 406-418.	0.1	0