Meivelu Moovendhan

List of Publications by Year
in descending order

37	1,248	394286	395590
papers	citations	19 h-index	33 g-index

38	38	38	1567
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioactive potential and structural chracterization of sulfated polysaccharide from seaweed (Gracilaria corticata). Carbohydrate Polymers, 2017, 155, 516-524.	5.1	125
2	Application of marine-derived polysaccharides as immunostimulants in aquaculture: A review of current knowledge and further perspectives. Fish and Shellfish Immunology, 2019, 86, 1177-1193.	1.6	100
3	Characterization, antimicrobial and antioxidant property of exopolysaccharide mediated silver nanoparticles synthesized by Streptomyces violaceus MM72. Carbohydrate Polymers, 2018, 181, 752-759.	5.1	93
4	Extraction and characterization of phycocyanin from Spirulina platensis and evaluation of its anticancer, antidiabetic and antiinflammatory effect. International Journal of Biological Macromolecules, 2020, 153, 256-263.	3.6	93
5	Potential uses of fungal polysaccharides as immunostimulants in fish and shrimp aquaculture: A review. Aquaculture, 2019, 500, 250-263.	1.7	82
6	Structural characterization and anticancer activity of extracellular polysaccharides from ascidian symbiotic bacterium Bacillus thuringiensis. Carbohydrate Polymers, 2018, 190, 113-120.	5.1	66
7	Antioxidant and anticoagulant activity of sulfated polysaccharide from Gracilaria debilis (Forsskal). International Journal of Biological Macromolecules, 2015, 81, 1031-1038.	3.6	63
8	Sulfated polysaccharide from Sargassum tenerrimum attenuates oxidative stress induced reactive oxygen species production in in vitro and in zebrafish model. Carbohydrate Polymers, 2019, 203, 441-449.	5.1	61
9	In vitro antioxidant activities of an exopolysaccharide from a salt pan bacterium Halolactibacillus miurensis. Carbohydrate Polymers, 2017, 155, 400-406.	5.1	59
10	Structural characterization and bioactivities of sulfated polysaccharide from Monostroma oxyspermum. International Journal of Biological Macromolecules, 2015, 72, 1459-1465.	3.6	57
11	Trends in the extraction, purification, characterisation and biological activities of polysaccharides from tropical and sub-tropical fruits â€“ A comprehensive review. Carbohydrate Polymers, 2020, 238, 116185.	5.1	48
12	Anti-diabetic activity of crude polysaccharide and rhamnose-enriched polysaccharide from G. lithophila on Streptozotocin (STZ)-induced in Wistar rats. Scientific Reports, 2020, 10, 556.	1.6	46
13	Isolation and chemical characteristics of rhamnose enriched polysaccharide from Grateloupia lithophila. Carbohydrate Polymers, 2018, 195, 486-494.	5.1	42
14	Extraction and characterization of chitin from sea snail Conus inscriptus (Reeve, 1843). International Journal of Biological Macromolecules, 2019, 126, 555-560.	3.6	41
15	Structural characterization and biomedical properties of sulfated polysaccharide from the gladius of Sepioteuthis lessoniana (Lesson, 1831). International Journal of Biological Macromolecules, 2016, 85, 117-125.	3.6	39
16	Chemical composition, structural features, surface morphology and bioactivities of chitosan derivatives from lobster (Thenus unimaculatus) shells. International Journal of Biological Macromolecules, 2019, 135, 1237-1245.	3.6	33
17	Parthenium hysterophorus Mediated Synthesis of Silver Nanoparticles and its Evaluation of Antibacterial and Antineoplastic Activity to Combat Liver Cancer Cells. Journal of Cluster Science, 2021, 32, 167-177.	1.7	30
18	Evaluation of antioxidant activities and chemical analysis of sulfated chitosan from Sepia prashadi. International Journal of Biological Macromolecules, 2017, 99, 519-529.	3.6	27

#	Article	IF	Citations
19	Evaluation of Chemical Composition and In Vitro Antiinflammatory Effect of Marine Microalgae Chlorella vulgaris. Waste and Biomass Valorization, 2019, 10, 3263-3270.	1.8	23
20	Chemical structure and biological properties of a polysaccharide isolated from Pleurotus sajor-caju. RSC Advances, 2019, 9, 20472-20482.	1.7	21
21	Preparation of phosphorylated chitosan from gladius of the squid Sepioteuthis lessoniana (Lesson,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	18
22	Isolation, characterization and bioactive potential of sulfated galactans from Spyridia hypnoides (Bory) Papenfuss. International Journal of Biological Macromolecules, 2018, 109, 589-597.	3.6	14
23	Antibiotic susceptibility of Genistein and Alkaloids from Rhizophora apiculata. Biocatalysis and Agricultural Biotechnology, 2014, 3, 323-327.	1.5	11
24	Biopolymer from edible marine invertebrates: A potential functional food. Journal of King Saud University - Science, 2020, 32, 1772-1777.	1.6	11
25	Mucopolysaccharide from cuttlefish: Purification, chemical characterization and bioactive potential. Carbohydrate Polymers, 2017, 167, 129-135.	5.1	8
26	Antibiotic Efficacy and Characterization of Mangrove Metabolites against UTI Microbes. Journal of Herbs, Spices and Medicinal Plants, 2015, 21, 129-139.	0.5	7
27	Exploring the Chemical Composition and Anticancer Potential of Oil from Squid (Loligo duvauceli) Liver Waste from Fish Processing Industry. Waste and Biomass Valorization, 2019, 10, 2967-2973.	1.8	6
28	Effective removal of lead (Pb) by natural biosorbent marine microalgae (Dunaliella salina) through batch experiment. Biomass Conversion and Biorefinery, 2024, 14, 1847-1852.	2.9	5
29	Phytochemistry, bioactive potential and chemical characterization of metabolites from marine microalgae (Spirulina platensis) biomass. Biomass Conversion and Biorefinery, 2023, 13, 10147-10154.	2.9	4
30	Antibiotic Susceptibility and Functional Group Characterization ofPinna nobilisMetabolites Against Clinical Isolates. Journal of Biologically Active Products From Nature, 2015, 5, 52-57.	0.1	3
31	Exploration of the preventive effect of S. lessoniana liver oil on cardiac markers, hematological patterns and lysosomal hydrolases in isoproterenol-induced myocardial infarction in wistar rats: a novel report. RSC Advances, 2016, 6, 64147-64154.	1.7	3
32	Utilization of Cuttlefish Liver Waste for Oil Production: Evaluation of Quality Characteristics and Biological Activity. Waste and Biomass Valorization, 2019, 10, 2959-2965.	1.8	2
33	Evaluation of chemical compositions and antioxidant potential of marine microalgae of the genus Nannochloropsis. Biomass Conversion and Biorefinery, 2023, 13, 15751-15757.	2.9	2
34	Chemical characterization of Orchis mascula and its antibacterial efficiency against clinical isolated human pathogenic bacteria. Biomass Conversion and Biorefinery, 0, , .	2.9	2
35	Valorization of cephalopod liver viscera for oil production: chemical characteristics, nutritional profile and pharmacological activities. Biomass Conversion and Biorefinery, 0, , 1.	2.9	0
36	Bioconversion of agro, cattle waste and blended soil into manure by vermicomposting technology. Biomass Conversion and Biorefinery, 0, , 1.	2.9	0

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37	Proximate composition and fatty acid profile ofÂHimantura marginata (Blackedge whipray) liver oil. Biomass Conversion and Biorefinery, 0, , 1.	2.9	0