

Kajal Chakraborty

List of Publications by Year in descending order

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191
papers

3,045
citations

201674

27
h-index

265206

42
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193
all docs

193
docs citations

193
times ranked

2432
citing authors

#	ARTICLE	IF	CITATIONS
1	Amino Acid Compositions of 27 Food Fishes and Their Importance in Clinical Nutrition. <i>Journal of Amino Acids</i> , 2014, 2014, 1-7.	5.8	128
2	Sesquiterpenoids with free-radical-scavenging properties from marine macroalga <i>Ulva fasciata</i> Delile. <i>Food Chemistry</i> , 2010, 122, 31-41.	8.2	99
3	Antibacterial labdane diterpenoids of <i>Ulva fasciata</i> Delile from southwestern coast of the Indian Peninsula. <i>Food Chemistry</i> , 2010, 119, 1399-1408.	8.2	87
4	Antioxidant activities and phenolic contents of three red seaweeds (Division: Rhodophyta) harvested from the Gulf of Mannar of Peninsular India. <i>Journal of Food Science and Technology</i> , 2015, 52, 1924-1935.	2.8	86
5	Antibiotic resistance and plasmid profiling of <i>Vibrio parahaemolyticus</i> isolated from shrimp farms along the southwest coast of India. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 2005-2012.	3.6	67
6	DHA and EPA Content and Fatty Acid Profile of 39 Food Fishes from India. <i>BioMed Research International</i> , 2016, 2016, 1-14.	1.9	63
7	Polyketide Family of Novel Antibacterial 7-O-Methyl-5 α -hydroxy-3 α -heptenoate "Macrolactin from Seaweed-Associated <i>Bacillus subtilis</i> MTCC 10403. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 12194-12208.	5.2	61
8	Guaiane sesquiterpenes from seaweed <i>Ulva fasciata</i> Delile and their antibacterial properties. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2237-2244.	5.5	58
9	An extra-cellular alkaline metalloproteinase from <i>Bacillus licheniformis</i> MTCC 6824: Purification and biochemical characterization. <i>Food Chemistry</i> , 2008, 109, 727-736.	8.2	56
10	Evaluation of phenolic contents and antioxidant activities of brown seaweeds belonging to <i>Turbinaria</i> spp. (Phaeophyta, Sargassaceae) collected from Gulf of Mannar. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2013, 3, 8-16.	1.2	55
11	Variation in Fatty Acid Composition of <i>Artemia salina</i> Nauplii Enriched with Microalgae and Baker's Yeast for Use in Larviculture. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 4043-4051.	5.2	47
12	Micronutrient Composition of 35 Food Fishes from India and Their Significance in Human Nutrition. <i>Biological Trace Element Research</i> , 2016, 174, 448-458.	3.5	47
13	Antioxidant Activity of Brown Seaweeds. <i>Journal of Aquatic Food Product Technology</i> , 2017, 26, 406-419.	1.4	46
14	Pharmacological activities of brown seaweed <i>Sargassum wightii</i> (Family Sargassaceae) using different <i>in vitro</i> models. <i>International Journal of Food Properties</i> , 2017, 20, 931-945.	3.0	46
15	Antidiabetic and anti-inflammatory potential of sulphated polygalactans from red seaweeds <i>Kappaphycus alvarezii</i> and <i>Gracilaria opuntia</i> . <i>International Journal of Food Properties</i> , 2017, 20, 1326-1337.	3.0	44
16	Effects of different levels of soil salinity on yield attributes, accumulation of nitrogen, and micronutrients in <i>Brassica</i> spp.. <i>Journal of Plant Nutrition</i> , 2016, 39, 1026-1037.	1.9	38
17	Antibacterial aryl-crowned polyketide from <i>Bacillus subtilis</i> associated with seaweed <i>Anthrophyucus longifolius</i> . <i>Journal of Applied Microbiology</i> , 2018, 124, 108-125.	3.1	38
18	Antibacterial polyketides from <i>Bacillus amyloliquefaciens</i> associated with edible red seaweed <i>Laurenciae papillosa</i> . <i>Food Chemistry</i> , 2017, 218, 427-434.	8.2	35

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19	Antimicrobial polyketide furanoterpenoids from seaweed-associated heterotrophic bacterium <i>Bacillus subtilis</i> MTCC 10403. <i>Phytochemistry</i> , 2017, 142, 112-125.	2.9	34
20	First report of two new antioxidative meroterpeno 2H-pyrans from short-necked yellow-foot clam <i>Paphia malabarica</i> (family: Veneridae) with bioactivity against pro-inflammatory cyclooxygenases and lipoxygenase. <i>Natural Product Research</i> , 2017, 31, 615-625.	1.8	34
21	Pharmacological properties of marine macroalgae-associated heterotrophic bacteria. <i>Archives of Microbiology</i> , 2019, 201, 505-518.	2.2	34
22	Selective enrichment of n-3 polyunsaturated fatty acids with C18-C20 acyl chain length from sardine oil using <i>Pseudomonas fluorescens</i> MTCC 2421 lipase. <i>Food Chemistry</i> , 2009, 114, 142-150.	8.2	33
23	O-heterocyclic derivatives with antibacterial properties from marine bacterium <i>Bacillus subtilis</i> associated with seaweed, <i>Sargassum myriocystum</i> . <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 569-583.	3.6	33
24	Oxygenated elansolid-type of polyketide spanned macrolides from a marine heterotrophic <i>Bacillus</i> as prospective antimicrobial agents against multidrug-resistant pathogens. <i>International Journal of Antimicrobial Agents</i> , 2020, 55, 105892.	2.5	31
25	Eicosapentaenoic Acid Enrichment from Sardine Oil by Argentation Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 7586-7595.	5.2	30
26	Galactic rotation curves inspired by a noncommutative-geometry background. <i>General Relativity and Gravitation</i> , 2012, 44, 905-916.	2.0	29
27	Characterization of substituted aryl meroterpenoids from red seaweed <i>Hypnea musciformis</i> as potential antioxidants. <i>Food Chemistry</i> , 2016, 212, 778-788.	8.2	29
28	Nutritional and Antioxidative Attributes of Green Mussel (<i>Perna viridis</i> L.) from the Southwestern Coast of India. <i>Journal of Aquatic Food Product Technology</i> , 2016, 25, 968-985.	1.4	29
29	Previously undescribed antioxidative azocinyl morpholinone alkaloid from red seaweed <i>Gracilaria opuntia</i> with anti-cyclooxygenase and lipoxygenase properties. <i>Natural Product Research</i> , 2018, 32, 1150-1160.	1.8	29
30	Marine macroalgae-associated heterotrophic Firmicutes and Gamma-proteobacteria: prospective anti-infective agents against multidrug resistant pathogens. <i>Archives of Microbiology</i> , 2020, 202, 905-920.	2.2	28
31	Antimicrobial properties of cultivable bacteria associated with seaweeds in the Gulf of Mannar on the southeast coast of India. <i>Canadian Journal of Microbiology</i> , 2016, 62, 668-681.	1.7	27
32	Previously undescribed antioxidative O-heterocyclic angiotensin converting enzyme inhibitors from the intertidal seaweed <i>Sargassum wightii</i> as potential antihypertensives. <i>Food Research International</i> , 2018, 113, 474-486.	6.2	26
33	High-value compounds from the molluscs of marine and estuarine ecosystems as prospective functional food ingredients: An overview. <i>Food Research International</i> , 2020, 137, 109637.	6.2	26
34	Bacillibactin class of siderophore antibiotics from a marine symbiotic <i>Bacillus</i> as promising antibacterial agents. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 329-340.	3.6	26
35	Preparation of eicosapentaenoic acid concentrates from sardine oil by <i>Bacillus circulans</i> lipase. <i>Food Chemistry</i> , 2010, 120, 433-442.	8.2	25
36	Production and Characterization of Refined Oils Obtained from Indian Oil Sardine (<i>Sardinella</i>)	5.2	25

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37	Nutritional Composition of Edible Oysters (<i>Crassostrea madrasensis</i> L.) from the Southwest Coast of India. Journal of Aquatic Food Product Technology, 2016, 25, 1172-1189.	1.4	25
38	Unprecedented antioxidative and anti-inflammatory aryl polyketides from the brown seaweed <i>Sargassum wightii</i> . Food Research International, 2017, 100, 640-649.	6.2	25
39	Previously undescribed fridooleanenes and oxygenated labdanes from the brown seaweed <i>Sargassum wightii</i> and their protein tyrosine phosphatase-1B inhibitory activity. Phytochemistry, 2017, 144, 19-32.	2.9	24
40	Difficidin class of polyketide antibiotics from marine macroalga-associated <i>Bacillus</i> as promising antibacterial agents. Applied Microbiology and Biotechnology, 2021, 105, 6395-6408.	3.6	24
41	Antioxidant Potential and Phenolic Compounds of Brown Seaweeds <i>Turbinaria conoides</i> and <i>Turbinaria ornata</i> (Class: Phaeophyceae). Journal of Aquatic Food Product Technology, 2016, 25, 1249-1265.	1.4	23
42	Nutritional Qualities of the Low-Value Bivalve Mollusks <i>Paphia malabarica</i> and <i>Villorita cyprinoides</i> at the Estuarine Waters of the Southwestern Coast of India. Journal of Aquatic Food Product Technology, 2017, 26, 54-70.	1.4	23
43	New sterols with anti-inflammatory potentials against cyclooxygenase-2 and 5-lipoxygenase from <i>Paphia malabarica</i> . Natural Product Research, 2017, 31, 1286-1298.	1.8	23
44	Unprecedented antioxidative cyclic ether from the red seaweed <i>Kappaphycus alvarezii</i> with anti-cyclooxygenase and lipoxidase activities. Natural Product Research, 2017, 31, 1131-1141.	1.8	23
45	Pharmacological potential of sulfated polygalactopyranosyl-fucopyranan from the brown seaweed <i>Sargassum wightii</i> . Journal of Applied Phycology, 2018, 30, 1971-1988.	2.8	23
46	Highly oxygenated antioxidative 2-H-chromen derivative from the red seaweed <i>Gracilaria opuntia</i> with pro-inflammatory cyclooxygenase and lipoxygenase inhibitory properties. Natural Product Research, 2018, 32, 2756-2765.	1.8	23
47	Macrocyclic lactones from seafood <i>Amphioctopus neglectus</i> : Newly described natural leads to attenuate angiotensin-II induced cardiac hypertrophy. Biomedicine and Pharmacotherapy, 2019, 110, 155-167.	5.6	23
48	Purification and Biochemical Characterization of an Extracellular Lipase from <i>Pseudomonas fluorescens</i> MTCC 2421. Journal of Agricultural and Food Chemistry, 2009, 57, 3859-3866.	5.2	22
49	Enrichment of Eicosapentaenoic Acid from Sardine Oil with $\hat{I}^{\prime}5$ -Olefinic Bond Specific Lipase from <i>Bacillus licheniformis</i> MTCC 6824. Journal of Agricultural and Food Chemistry, 2008, 56, 1428-1433.	5.2	21
50	Rapid induction of small heat shock proteins improves physiological adaptation to high temperature stress in peanut. Journal of Agronomy and Crop Science, 2018, 204, 285-297.	3.5	21
51	Diversity and characterization of antagonistic bacteria from tropical estuarine habitats of Cochin, India for fish health management. World Journal of Microbiology and Biotechnology, 2012, 28, 2581-2592.	3.6	20
52	Response of pro-inflammatory prostaglandin contents in anti-inflammatory supplements from green mussel <i>Perna viridis</i> L. in a time-dependent accelerated shelf-life study. Journal of Functional Foods, 2014, 7, 527-540.	3.4	19
53	Cooking and pressing is an effective and eco-friendly technique for obtaining high quality oil from <i>Sardinella longiceps</i> . European Journal of Lipid Science and Technology, 2015, 117, 837-850.	1.5	19
54	Two rare antioxidant and anti-inflammatory oleanenes from loop root Asiatic mangrove <i>Rhizophora mucronata</i> . Phytochemistry, 2017, 135, 160-168.	2.9	19

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55	Antioxidative and anti-inflammatory pyranoids and isochromenyl analogues from Corbiculid bivalve clam, <i>Villorita cyprinoides</i> . <i>Food Chemistry</i> , 2018, 251, 125-134.	8.2	19
56	Quantitative Structure-Activity Relationship Analysis as a Tool To Evaluate the Mode of Action of Chemical Hybridizing Agents for Wheat (<i>Triticum aestivum</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 3468-3475.	5.2	18
57	Comparative Bioactive Properties of Bivalve Clams Against Different Disease Molecular Targets. <i>Journal of Food Biochemistry</i> , 2016, 40, 593-602.	2.9	18
58	Moving away from traditional antibiotic treatment: can macrocyclic lactones from marine macroalga-associated heterotroph be the alternatives?. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 7117-7130.	3.6	18
59	Anti-inflammatory polyether triterpenoids from the marine macroalga <i>Gracilaria salicornia</i> : Newly described natural leads attenuate pro-inflammatory 5-lipoxygenase and cyclooxygenase-2. <i>Algal Research</i> , 2020, 47, 101791.	4.6	18
60	Synthesis and Quantitative Structure-Activity Relationships of Oxanilates as Chemical Hybridizing Agents for Wheat (<i>Triticum aestivum</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 992-998.	5.2	17
61	Two rare antioxidative prenylated terpenoids from loop-root Asiatic mangrove <i>Rhizophora mucronata</i> (Family Rhizophoraceae) and their activity against pro-inflammatory cyclooxygenases and lipoxidase. <i>Natural Product Research</i> , 2017, 31, 418-427.	1.8	17
62	Antioxidant and anti-inflammatory oxygenated meroterpenoids from the thalli of red seaweed <i>Kappaphycus alvarezii</i> . <i>Medicinal Chemistry Research</i> , 2018, 27, 2016-2026.	2.4	17
63	Antioxidative sulphated polygalactans from marine macroalgae as angiotensin-I converting enzyme inhibitors. <i>Natural Product Research</i> , 2018, 32, 2100-2106.	1.8	16
64	An unreported polyether macrocyclic lactone with antioxidative and anti-lipoxygenase activities from the Babylonidae gastropod mollusc <i>Babylonia spirata</i> . <i>Medicinal Chemistry Research</i> , 2018, 27, 2446-2453.	2.4	16
65	<i>Xenicanes</i> attenuate pro-inflammatory 5-lipoxygenase: Prospective natural anti-inflammatory leads from intertidal brown seaweed <i>Padina tetrastratica</i> . <i>Medicinal Chemistry Research</i> , 2019, 28, 591-607.	2.4	16
66	First report of antioxidant abeo-labdane type diterpenoid from intertidal red seaweed <i>Gracilaria salicornia</i> with 5-lipoxygenase inhibitory potential. <i>Natural Product Research</i> , 2020, 34, 1409-1416.	1.8	16
67	First report of substituted 2-H-pyranoids from brown seaweed <i>Turbinaria conoides</i> with antioxidant and anti-inflammatory activities. <i>Natural Product Research</i> , 2020, 34, 3451-3461.	1.8	16
68	Previously undescribed antioxidative and anti-inflammatory chromenyls bearing 3H-isochromenone and furanyl-2H-chromenyl skeletons from the venerid clam, <i>Paphia malabarica</i> . <i>Medicinal Chemistry Research</i> , 2017, 26, 1708-1722.	2.4	15
69	Previously Undescribed Antibacterial Polyketides from Heterotrophic <i>Bacillus amyloliquefaciens</i> Associated with Seaweed <i>Padina gymnospora</i> . <i>Applied Biochemistry and Biotechnology</i> , 2018, 184, 716-732.	2.9	15
70	Previously undisclosed bioactive sterols from corbiculid bivalve clam <i>Villorita cyprinoides</i> with anti-inflammatory and antioxidant potentials. <i>Steroids</i> , 2018, 135, 1-8.	1.8	15
71	Anti-diabetic and anti-inflammatory activities of commonly available cephalopods. <i>International Journal of Food Properties</i> , 2017, 20, 1655-1665.	3.0	14
72	Novel furanyl derivatives from the red seaweed <i>Gracilaria opuntia</i> with pharmacological activities using different in vitro models. <i>Medicinal Chemistry Research</i> , 2018, 27, 1245-1259.	2.4	14

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73	First report of bioactive sterols from the muricid gastropod <i>Chicoreus ramosus</i> . <i>Steroids</i> , 2018, 137, 57-63.	1.8	14
74	First report of antioxidative abeo-oleanenes from red seaweed <i>Gracilaria salicornia</i> as dual inhibitors of starch digestive enzymes. <i>Medicinal Chemistry Research</i> , 2019, 28, 696-710.	2.4	14
75	An unreported bis-abeo cembrane-type diterpenoid with antioxidative and anti-lipoxygenase activities from the muricid gastropod mollusc <i>Chicoreus ramosus</i> . <i>Natural Product Research</i> , 2020, 34, 1678-1686.	1.8	14
76	Antioxidant and anti-inflammatory cembrane-type diterpenoid from Echinoidea sea urchin <i>Stomopneustes variolaris</i> attenuates pro-inflammatory 5-lipoxygenase. <i>Medicinal Chemistry Research</i> , 2020, 29, 656-664.	2.4	14
77	First report of spiro-compounds from marine macroalga <i>Gracilaria salicornia</i> : prospective natural anti-inflammatory agents attenuate 5-lipoxygenase and cyclooxygenase-2. <i>Natural Product Research</i> , 2021, 35, 770-781.	1.8	14
78	N-Acylanilines, Herbicide-CHA Chimera, and Amino Acid Analogues as Novel Chemical Hybridizing Agents for Wheat (<i>Triticum aestivum</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 7899-7907.	5.2	13
79	Biogenic antioxidative and anti-inflammatory aryl polyketides from the venerid bivalve clam <i>Paphia malabarica</i> . <i>Food Chemistry</i> , 2017, 237, 169-180.	8.2	13
80	Patent data mining in fisheries sector: An analysis using Questel-Orbit and Espacenet. <i>World Patent Information</i> , 2017, 51, 22-30.	1.7	13
81	First report of a lactonic disecosteroid from the buccinid gastropod <i>Babylonia spirata</i> . <i>Steroids</i> , 2019, 143, 41-48.	1.8	13
82	Changes in the Quality of Refined Fish Oil in an Accelerated Storage Study. <i>Journal of Aquatic Food Product Technology</i> , 2016, 25, 1155-1170.	1.4	12
83	Stomopnolides A-B from echinoidea sea urchin <i>Stomopneustes variolaris</i> : prospective natural anti-inflammatory leads attenuate pro-inflammatory 5-lipoxygenase. <i>Natural Product Research</i> , 2021, 35, 4235-4247.	1.8	12
84	First report of antioxidative 2H-chromenyl derivatives from the intertidal red seaweed <i>Gracilaria salicornia</i> as potential anti-inflammatory agents. <i>Natural Product Research</i> , 2020, 34, 3470-3482.	1.8	12
85	Antioxidative dolabellanes and dolastanes from brown seaweed <i>Padina tetrastromatica</i> as dual inhibitors of starch digestive enzymes. <i>Natural Product Research</i> , 2021, 35, 614-626.	1.8	12
86	Polyketide-derived macrobrevins from marine macroalga-associated <i>Bacillus amyloliquefaciens</i> as promising antibacterial agents against pathogens causing nosocomial infections. <i>Phytochemistry</i> , 2022, 193, 112983.	2.9	12
87	Prospective natural anti-inflammatory drimanes attenuating pro-inflammatory 5-lipoxygenase from marine macroalga <i>Gracilaria salicornia</i> . <i>Algal Research</i> , 2019, 40, 101472.	4.6	11
88	Marine-derived polygalactofucan and its 2-deoxy-amino-substituted glucopyranan composite attenuate 3-hydroxy-3-methylglutaryl-CoA reductase: prospective natural anti-dyslipidemic leads. <i>Medicinal Chemistry Research</i> , 2020, 29, 281-300.	2.4	11
89	Hirtioscalaranes A and B, two new scalarane-type sesterterpenes from <i>Hirtios erectus</i> with anti-inflammatory and antioxidant effects. <i>Natural Product Research</i> , 2021, 35, 5559-5570.	1.8	11
90	Nutritional profiling of selected species of edible marine molluscs from the south-west coast of India. <i>Indian Journal of Fisheries</i> , 2019, 66, .	0.3	11

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91	Toxicity Profile of a Nutraceutical Formulation Derived from Green Mussel <i>Perna viridis</i> . <i>BioMed Research International</i> , 2014, 2014, 1-14.	1.9	10
92	Concentration and stabilization of C20-22 n-3 polyunsaturated fatty acid esters from the oil of <i>Sardinella longiceps</i> . <i>Food Chemistry</i> , 2016, 199, 828-837.	8.2	10
93	Pharmacological Properties of Seaweeds against Progressive Lifestyle Diseases. <i>Journal of Aquatic Food Product Technology</i> , 2019, 28, 1092-1104.	1.4	10
94	Stomopneulactone D from long-spined sea urchin <i>Stomopneustes variolaris</i> : Anti-inflammatory macrocyclic lactone attenuates cyclooxygenase-2 expression in lipopolysaccharide-activated macrophages. <i>Bioorganic Chemistry</i> , 2020, 103, 104140.	4.1	10
95	Salicornolides A-C from <i>Gracilaria salicornia</i> attenuate pro-inflammatory 5-lipoxygenase: Prospective natural anti-inflammatory leads. <i>Phytochemistry</i> , 2020, 172, 112259.	2.9	10
96	Specialized oxygenated heterocyclics from <i>Villorita cyprinoides</i> with cyclooxygenase-2 and 5-lipoxygenase inhibitory properties. <i>Food Research International</i> , 2018, 106, 164-172.	6.2	9
97	Functional Properties of Ethyl Acetate-methanol Extract of Commonly Edible Molluscs. <i>Journal of Aquatic Food Product Technology</i> , 2019, 28, 729-742.	1.4	9
98	Sulfated N-acetylglucosamino-glucuronopyranosyl-arabinopyranan from seafood <i>Amphioctopus neglectus</i> attenuates angiotensin-II prompted cardiac hypertrophy. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 1223-1232.	7.5	9
99	Seaweed-associated heterotrophic bacteria: new paradigm of prospective anti-infective and anticancer agents. <i>Archives of Microbiology</i> , 2021, 203, 1241-1250.	2.2	9
100	Marine macroalga-associated heterotroph <i>Bacillus velezensis</i> as prospective therapeutic agent. <i>Archives of Microbiology</i> , 2021, 203, 1671-1682.	2.2	9
101	Chemical Hybridizing Agents for Chickpea (<i>Cicer arietinum</i> L.): Leads from QSAR Analysis of Ethyl Oxanilates and Pyridones. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 1868-1873.	5.2	8
102	Modeling Galactic Halos with Predominantly Quintessential Matter. <i>International Journal of Theoretical Physics</i> , 2011, 50, 2655-2665.	1.2	8
103	Seasonal and inter-annual lipid dynamics of spiny cheek grouper (<i>Epinephelus diacanthus</i>) in the southern coast of India. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2014, 94, 1677-1686.	0.8	8
104	Angiotensin-I Converting Enzyme Inhibitory Activities of Common Edible Cephalopods and their Antioxidative Effects using different <i>in vitro</i> Models. <i>Journal of Food Biochemistry</i> , 2017, 41, e12268.	2.9	8
105	Biogenic guaianolide-type sesquiterpene lactones with antioxidative and anti-inflammatory properties from natural mangrove hybrid <i>Rhizophora annamalayana</i> . <i>Natural Product Research</i> , 2017, 31, 2719-2729.	1.8	8
106	<i>In vitro</i> bioactive analysis and antioxidant activity of two species of seaweeds from the Gulf of Mannar. <i>Natural Product Research</i> , 2018, 32, 2729-2734.	1.8	8
107	First report of dual cyclooxygenase-2 and 5-lipoxygenase inhibitory halogen derivatives from the thallus of intertidal seaweed <i>Kappaphycus alvarezii</i> . <i>Medicinal Chemistry Research</i> , 2018, 27, 2331-2340.	2.4	8
108	First report of chromenyl derivatives from spineless marine cuttlefish <i>Sepiella inermis</i> : Prospective antihyperglycemic agents attenuate serine protease dipeptidyl peptidase-IV. <i>Journal of Food Biochemistry</i> , 2019, 43, e12824.	2.9	8

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109	Characterization and bioactive potentials of secondary metabolites from mollusks <i>Crassostrea madrasensis</i> and <i>Amphioctopus marginatus</i> . <i>Natural Product Research</i> , 2019, 33, 3190-3202.	1.8	8
110	First report of anti-inflammatory chromenyl derivatives from the spineless cuttlefish <i>Sepiella inermis</i> . <i>Natural Product Research</i> , 2020, 34, 2437-2447.	1.8	8
111	Antibacterial and antioxidant aryl-enclosed macrocyclic polyketide from intertidal macroalgae associated heterotrophic bacterium <i>Shewanella</i> algae. <i>Medicinal Chemistry Research</i> , 2020, 29, 145-155.	2.4	8
112	Ethyloxanilates as specific male gametocides for wheat (<i>Triticum aestivum</i> L.). <i>Plant Breeding</i> , 2006, 125, 441-447.	1.9	7
113	Effect of antioxidant compounds from seaweeds on storage stability of C 20-22 polyunsaturated fatty acid concentrate prepared from dogfish liver oil. <i>Food Chemistry</i> , 2018, 260, 135-144.	8.2	7
114	Polygalactan from bivalve <i>Crassostrea madrasensis</i> attenuates nuclear factor- κ B activation and cytokine production in lipopolysaccharide-activated macrophage. <i>Carbohydrate Polymers</i> , 2020, 249, 116817.	10.2	7
115	Macrocyclic polyketides with siderophore mode of action from marine heterotrophic <i>Shewanella</i> algae : Prospective anti-infective leads attenuate drug-resistant pathogens. <i>Journal of Applied Microbiology</i> , 2021, 130, 1552-1570.	3.1	7
116	Chemical mining of heterotrophic <i>Shewanella</i> algae reveals anti-infective potential of macrocyclic polyketides against multidrug-resistant pathogens. <i>Bioorganic Chemistry</i> , 2021, 108, 104533.	4.1	7
117	Procerolides A-B from Microcionidae marine sponge <i>Clathria procera</i> : Anti-inflammatory macrocyclic lactones with selective cyclooxygenase-2 attenuation properties. <i>Bioorganic Chemistry</i> , 2021, 109, 104663.	4.1	7
118	Polygalacto-fucopyranose from marine alga as a prospective antihypertensive lead. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 589-599.	7.5	7
119	Polygalacto-fucopyranose biopolymer structured nanoparticle conjugate attenuates glucocorticoid-induced osteoporosis: An in vivo study. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 739-753.	7.5	7
120	Biomedical potential of β -chitosan from cuttlebone of cephalopods. <i>Carbohydrate Polymers</i> , 2021, 273, 118591.	10.2	7
121	Anti-inflammatory scalarane-type sesterterpenes, erectasclaranes A-B, from the marine sponge <i>Hirtios erectus</i> attenuate pro-inflammatory cyclooxygenase-2 and 5-lipoxygenase. <i>Medicinal Chemistry Research</i> , 2021, 30, 886-896.	2.4	7
122	Novel amylomacins from seaweed-associated <i>Bacillus amyloliquefaciens</i> as prospective antimicrobial leads attenuating resistant bacteria. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 200.	3.6	7
123	Anti-Inflammatory Concentrate Enriched with Substituted Oligofucans Derived from Brown Seaweed <i>Turbinaria conoides</i> (J. Agardh) Kåtzing and Its Safety Assessment on Wistar Rats. <i>Journal of Aquatic Food Product Technology</i> , 2016, 25, 1323-1338.	1.4	6
124	An unprecedented antioxidative isopimarane norditerpenoid from bivalve clam, <i>Paphia malabarica</i> with anti-cyclooxygenase and lipoxygenase potential. <i>Pharmaceutical Biology</i> , 2017, 55, 819-824.	2.9	6
125	Effects of antioxidative substances from seaweed on quality of refined liver oil of leafscale gulper shark, <i>Centrophorus squamosus</i> during an accelerated stability study. <i>Food Research International</i> , 2018, 103, 450-461.	6.2	6
126	Previously undescribed benzoxepins with bioactivities against inducible pro-inflammatory cyclooxygenase and lipoxygenase from <i>Rhizophora annamalayana</i> Kathir. <i>Natural Product Research</i> , 2019, 33, 2329-2337.	1.8	6

#	ARTICLE	IF	CITATIONS
127	Anti-inflammatory xenicane-type diterpenoid from the intertidal brown seaweed <i>Sargassum ilicifolium</i> . <i>Natural Product Research</i> , 2021, 35, 5699-5709.	1.8	6
128	Polyether macrocyclic polyketide from the muricid gastropod <i>Chicoreus ramosus attenuatus</i> pro-inflammatory 5-lipoxygenase. <i>Medicinal Chemistry Research</i> , 2020, 29, 1976-1985.	2.4	6
129	Antioxidative oxygenated terpenoids with bioactivities against pro-inflammatory inducible enzymes from Indian squid, <i>Uroteuthis (Photoligo) duvaucelii</i> . <i>Natural Product Research</i> , 2021, 35, 909-920.	1.8	6
130	First report of antioxidant 1H-benzochromenone from muricid gastropod <i>Chicoreus ramosus</i> as dual inhibitors of pro-inflammatory 5-lipoxygenase and carbolytic enzymes. <i>Natural Product Research</i> , 2021, 35, 1949-1958.	1.8	6
131	Turbinafuranone A-C, new 2-furanone analogues from marine macroalga <i>Turbinaria ornata</i> as prospective anti-hyperglycemic agents attenuate tyrosine phosphatase-1B. <i>Medicinal Chemistry Research</i> , 2021, 30, 1635-1648.	2.4	6
132	Marine macroalga-associated heterotrophic <i>Bacillus velezensis</i> : a novel antimicrobial agent with siderophore mode of action against drug-resistant nosocomial pathogens. <i>Archives of Microbiology</i> , 2021, 203, 5561-5575.	2.2	6
133	Anti-inflammatory pregnane-type steroid derivatives clathroids A-B from the marine Microcionidae sponge <i>Clathria (Thalysias) vulpina</i> : Prospective dual inhibitors of pro-inflammatory cyclooxygenase-2 and 5-lipoxygenase. <i>Steroids</i> , 2021, 172, 108858.	1.8	6
134	Comparative Phytochemical and Pharmacological Properties of Commonly Available Tropical Green Seaweeds. <i>Journal of Aquatic Food Product Technology</i> , 2021, 30, 988-1001.	1.4	6
135	Nutritional composition of the branched murex <i>Chicoreus ramosus</i> (Linnaeus, 1758) (Family: Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.9	6
136	Spirornatas A-C from brown alga <i>Turbinaria ornata</i> : Anti-hypertensive spiroketals attenuate angiotensin-I converting enzyme. <i>Phytochemistry</i> , 2022, 195, 113024.	2.9	6
137	Seaweed-associated heterotrophic bacteria: are they future novel sources of antimicrobial agents against drug-resistant pathogens?. <i>Archives of Microbiology</i> , 2022, 204, 232.	2.2	6
138	Fatty acid profiles of spiny lobster (<i>Panulirus homarus</i>) phyllosoma fed enriched <i>Artemia</i> . <i>Aquaculture Research</i> , 2010, 41, e393.	1.8	5
139	Quality of Six Indian Populations of <i>Artemia franciscana</i> for Larval Finfish Culture. <i>Journal of Applied Aquaculture</i> , 2014, 26, 271-291.	1.4	5
140	Inter-annual and seasonal dynamics of amino acid, mineral and vitamin composition of silver belly <i>Leiognathus splendens</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2015, 95, 817-828.	0.8	5
141	Concentration of C20-22n-3 polyunsaturated fatty acids from <i>Sardinella longiceps</i> and fatty acid stabilization. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 208-223.	1.5	5
142	An anti-inflammatory salmachroman from the sea urchin <i>Salmacis bicolor</i> : a prospective dual inhibitor of cyclooxygenase-2 and 5-lipoxygenase. <i>Natural Product Research</i> , 2021, 35, 5102-5111.	1.8	5
143	A Leap Forward Towards Unraveling Newer Anti-infective Agents from an Unconventional Source: a Draft Genome Sequence Illuminating the Future Promise of Marine Heterotrophic <i>Bacillus</i> sp. Against Drug-Resistant Pathogens. <i>Marine Biotechnology</i> , 2021, 23, 790-808.	2.4	5
144	Sulfated galactofucan from seaweed <i>Padina tetrastratica</i> attenuates proteolytic enzyme dipeptidyl-peptidase-4: a potential anti-hyperglycemic lead. <i>Natural Product Research</i> , 2022, 36, 6240-6251.	1.8	5

#	ARTICLE	IF	CITATIONS
145	Effect of Natural Additives on the Fatty Acid Signatures of Green Mussel <i>Perna viridis</i> . in a Time-Dependent Accelerated Shelf Life Study. <i>Journal of Food Quality</i> , 2014, 37, 415-428.	2.6	4
146	Antioxidant drimane-type sesquiterpenoid from muricid gastropod <i>Chicoreus ramosus</i> attenuates pro-inflammatory 5-lipoxygenase and carbolytic enzymes. <i>Journal of Food Biochemistry</i> , 2019, 43, e12991.	2.9	4
147	Callypyrones from marine Callyspongiidae sponge <i>Callyspongia diffusa</i> : antihypertensive bis- ¹³ -pyrone polypropionates attenuate angiotensin-converting enzyme. <i>Natural Product Research</i> , 2021, 35, 5801-5812.	1.8	4
148	Pharmacological properties of some mangrove sediment-associated bacillus isolates. <i>Archives of Microbiology</i> , 2021, 203, 67-76.	2.2	4
149	Clathriolide from marine demosponge <i>Clathria (Thalysias) vulpina</i> (Lamarck, 1814): previously undescribed macrocyclic lactone with attenuating potential against angiotensin converting enzyme. <i>Natural Product Research</i> , 2022, 36, 3786-3795.	1.8	4
150	Anti-inflammatory Δ^2 -sitosterols from the Asiatic loop-root mangrove <i>Rhizophora mucronata</i> attenuate 5-lipoxygenase and cyclooxygenase-2 enzymes. <i>Steroids</i> , 2021, 172, 108860.	1.8	4
151	Conoidecyclics A-C from marine macroalgae <i>Turbinaria conoides</i> : Newly described natural macrolides with prospective bioactive properties. <i>Phytochemistry</i> , 2021, 191, 112909.	2.9	4
152	Sulphated galactopyran derived from <i>Gracilaria opuntia</i> , a marine macroalgae restores the antioxidant metabolic enzymes during STZ induced diabetic rats. <i>Journal of Coastal Life Medicine</i> , 2017, 5, 59-65.	0.2	4
153	Maternal Fish Consumption and Prevention of Low Birth Weight in the Developing World. <i>The National Academy of Sciences, India</i> , 2012, 35, 433-438.	1.3	3
154	Inter Annual and Seasonal Dynamics in Lipidic Signatures of <i>Sardinella longiceps</i> . <i>Journal of Aquatic Food Product Technology</i> , 2016, 25, 568-584.	1.4	3
155	Oxygenated heterocyclic metabolites with dual cyclooxygenase-2 and 5-lipoxygenase inhibitory potentials from <i>Rhizophora annamalayana</i> . <i>Medicinal Chemistry Research</i> , 2018, 27, 1679-1689.	2.4	3
156	Production and Biotechnological Application of Extracellular Alkalophilic Lipase from Marine Macroalgae-Associated <i>Shewanella</i> algae to Produce Enriched C20-22 n-3 Polyunsaturated Fatty Acid Concentrate. <i>Applied Biochemistry and Biotechnology</i> , 2018, 185, 55-71.	2.9	3
157	Antioxidant and antiinflammatory secondary metabolites from the Asian green mussel <i>Perna viridis</i> . <i>Journal of Food Biochemistry</i> , 2019, 43, e12736.	2.9	3
158	First report of a glycosaminoglycan-xylopyranan from the buccinid gastropod mollusk <i>Babylonia spirata</i> attenuating proinflammatory 5-lipoxygenase. <i>Journal of Food Biochemistry</i> , 2020, 44, e13082.	2.9	3
159	Anti-inflammatory polyoxygenated furanocembranoids, salmacembranes A-B from the sea urchin <i>Salmacis bicolor</i> attenuate pro-inflammatory cyclooxygenases and lipoxygenase. <i>Medicinal Chemistry Research</i> , 2020, 29, 2066-2076.	2.4	3
160	Functional Properties of the Marine Gastropod Molluscs <i>Chicoreus ramosus</i> and <i>Babylonia spirata</i> Collected from the Southern Coast of India. <i>Journal of Aquatic Food Product Technology</i> , 2020, 29, 264-278.	1.4	3
161	Clathrolides A-B: previously undescribed macrocyclic lactones from marine demosponge <i>Clathria (Thalysias) vulpina</i> (Lamarck, 1814) as potential antihypertensive leads attenuating angiotensin converting enzyme. <i>Medicinal Chemistry Research</i> , 2021, 30, 1438-1451.	2.4	3
162	Apoptotic effect of chromanone derivative, hyrtiosone A from marine demosponge <i>Hyrtios erectus</i> in hepatocellular carcinoma HepG2 cells. <i>Bioorganic Chemistry</i> , 2021, 114, 105119.	4.1	3

#	ARTICLE	IF	CITATIONS
163	Commonly Available Deep-Water Shrimps from the Arabian Sea along the Southwest Coast of Peninsular India as Prospective Nutritional Source. <i>Journal of Aquatic Food Product Technology</i> , 2022, 31, 714-725.	1.4	3
164	Interannual and Seasonal Dynamics in Lipidic Signatures of <i>Trichiurus lepturus</i> . <i>Journal of Aquatic Food Product Technology</i> , 2016, 25, 811-823.	1.4	2
165	Nutritional attributes in the fillet of skipjack tuna (<i>Katsuwonus pelamis</i>) from the Arabian Sea near the south-west coast of India. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017, 97, 419-432.	0.8	2
166	Enrichment of C20-22 Polyunsaturated Fatty Acids from Refined Liver Oil of Leafscale Gulper Shark, <i>Centropristis striata</i> . <i>Journal of Aquatic Food Product Technology</i> , 2017, 26, 1042-1056.	1.4	2
167	Antioxidative 2-hydroxychromenyls attenuate pro-inflammatory 5-lipoxygenase and carbolytic enzymes: Prospective bioactive agents from <i>Babylonida</i> gastropod mollusk <i>Babylonia spirata</i> . <i>Journal of Food Biochemistry</i> , 2020, 44, e13196.	2.9	2
168	Cistobis lactone, an undescribed variant of 14-membered bislactonic macrodiolide, from old-lady octopus <i>Cistopus indicus</i> (family Octopodidae) attenuates inflammatory lipoxygenase. <i>Natural Product Research</i> , 2022, 36, 3002-3012.	1.8	2
169	Clathriketal, a new tricyclic spiroketal compound from marine sponge <i>Clathria prolifera</i> attenuates serine exopeptidase dipeptidyl peptidase-IV. <i>Natural Product Research</i> , 2022, 36, 3069-3077.	1.8	2
170	Euryfuranyl compounds from edible species of cuttlefish as potential anti-inflammatory leads attenuating NF- κ B signaling cascade in lipopolysaccharide-activated macrophages. <i>Bioorganic Chemistry</i> , 2021, 114, 105052.	4.1	2
171	Antioxidant spiropharanone, an undescribed variant of trans-decalin spiro-lactone, from pharaoh cuttlefish <i>Sepia pharaonis</i> : Twin inhibitors of inflammatory 5-lipoxygenase and serine protease dipeptidyl peptidase-4. <i>Journal of Food Biochemistry</i> , 2021, 45, e13919.	2.9	2
172	Ulvapyrone, a pyrone-linked benzochromene from sea lettuce <i>Ulva lactuca</i> Linnaeus (family Ulvaceae). <i>Natural Product Research</i> , 2022, 36, 4114-4124.	1.8	2
173	Marine Macroalga-associated <i>Bacillus amyloliquefaciens</i> as Prospective Probiotic. <i>Journal of Aquatic Food Product Technology</i> , 2022, 31, 1-12.	1.4	2
174	Novel Furanyl-substituted Isochromanyl Class of Anti-inflammatory Turbinochromanone from Brown Seaweed <i>Turbinaria conoides</i> . <i>Chemistry and Biodiversity</i> , 2022, 19, e2100723.	2.1	2
175	Undescribed Anti-inflammatory Thalysiketides from Marine Sponge <i>Clathria</i> (<i>Thalysia</i>) <i>vulpina</i> (Lamarck, 1814). <i>Chemistry and Biodiversity</i> , 2022, 19, .	2.1	2
176	Ellipyrones A-B, from oval bone cuttlefish <i>Sepia elliptica</i> : Antihyperglycemic β -pyrone enclosed macrocyclic polyketides attenuate dipeptidyl peptidase-4 and carbolytic enzymes. <i>Medicinal Chemistry Research</i> , 2022, 31, 462-473.	2.4	2
177	Antibiotic-active heterotrophic Firmicutes sheltered in seaweeds: can they add new dimensions to future antimicrobial agents?. <i>Archives of Microbiology</i> , 2022, 204, 183.	2.2	2
178	Newly described antioxidant disecolactonic ergosteroids from marine cuttlefish <i>Sepia pharaonis</i> : Pharaonoids A-B as prospective carbohydrate digestive enzyme inhibitors. <i>Steroids</i> , 2022, 182, 108995.	1.8	2
179	Marginolides A-B, polyether macrolide analogues from veined octopus <i>Amphioctopus marginatus</i> : anti-hypertensive leads attenuate angiotensin-converting enzyme. <i>Natural Product Research</i> , 2022, 36, 5688-5700.	1.8	2
180	Anti-inflammatory decurencyclics A-B, two undescribed nor-dammarane triterpenes from triangular sea bell <i>Turbinaria decurrens</i> . <i>Natural Product Research</i> , 2023, 37, 713-724.	1.8	2

#	ARTICLE	IF	CITATIONS
181	Antioxidative Status of a Nutrient Enriched Formulation of <i>Perna viridis</i> in a Time Series Shelf-Life Study. <i>Journal of Aquatic Food Product Technology</i> , 2016, 25, 666-683.	1.4	1
182	Aryl-enclosed polyketides from mangrove sediment associated bacterium <i>Bacillus amyloliquefaciens</i> attenuating pro-inflammatory 5-lipoxygenase. <i>Medicinal Chemistry Research</i> , 2020, 29, 2011-2019.	2.4	1
183	Cistobislactones A-B, two sixteen-membered spiro-linked macrocyclic bislactones from marine octopus <i>Cistopus indicus</i> : new anti-inflammatory agents attenuate arachidonate 5-lipoxygenase. <i>Medicinal Chemistry Research</i> , 0, , 1.	2.4	1
184	Erectcyanthins A-C from marine sponge <i>Hyrtios erectus</i> : anti-dyslipidemic agents attenuate hydroxymethylglutaryl coenzyme A reductase. <i>Natural Product Research</i> , 2022, 36, 5676-5687.	1.8	1
185	Oxaspiro Indiculides from Old Woman Octopus <i>Cistopus indicus</i> as Dual Inhibitors of Inducible Cyclooxygenase and Lipoxygenase. <i>Chemistry and Biodiversity</i> , 2022, 19, .	2.1	1
186	Pharmacological potential of seaweed-associated heterotrophic <i>Firmicutes</i> . <i>Letters in Applied Microbiology</i> , 0, , .	2.2	1
187	Preparation and Physicochemical Attributes of Refined Liver Oil from Deep Sea Dogfish. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2018, 95, 591-605.	1.9	0
188	Marine cuttlefish derived 2 H benzochromenone: Pharochromenone as a dual inhibitor of pro-inflammatory 5-lipoxygenase and cyclooxygenase-2. <i>Journal of Food Biochemistry</i> , 2022, , e14095.	2.9	0
189	Seaweeds as Prospective Marine Resources for the Development of Bioactive Pharmacophores and Nutraceuticals. , 2022, , 369-396.		0
190	Brown and Red Marine Macroalgae as Novel Bioresources of Promising Medicinal Properties. <i>Journal of Aquatic Food Product Technology</i> , 2022, 31, 227-241.	1.4	0
191	Anti-hyperglycemic Δ^5 steroids, marginoids A-C from marine veined octopus <i>Amphioctopus marginatus</i> (Octopodidae): Prospective natural leads inhibit serine exopeptidase dipeptidyl peptidase-4. <i>Steroids</i> , 2022, , 109090.	1.8	0