

Se-Kwon Kim

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

793
papers

34,106
citations

99
h-index

161
g-index

822
ext. papers

37,418
ext. citations

5.1
avg, IF

7.78
L-index

#	Paper	IF	Citations
793	Synthesis of Chitooligosaccharides Derivatives 2022 , 59-71		
792	Biocomposites-Based on Chitooligosaccharides for Biomedical Applications 2022 , 173-183		
791	Matrix Metalloproteinases Inhibitory Effects of Chitooligosaccharides 2022 , 85-98		1
790	Introduction to Chitooligosaccharides 2022 , 1-6		
789	Anticancer Effects of Chitooligosaccharides 2022 , 121-137		
788	Melanin pigment derived from marine organisms and its industrial applications. <i>Dyes and Pigments</i> , 2022 , 201, 110214	4.6	4
787	Anti-Photoaging and Potential Skin Health Benefits of Seaweeds. <i>Marine Drugs</i> , 2021 , 19,	6	15
786	Muscle Protein Hydrolysates and Amino Acid Composition in Fish. <i>Marine Drugs</i> , 2021 , 19,	6	8
785	Recent developments of natural antimicrobials and antioxidants on fish and fishery food products. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021 , 20, 4182-4210	16.4	12
784	Beneficial effects of astaxanthin in cosmeceuticals with focus on emerging market trends 2021 , 557-568		
783	Exploiting of Secondary Raw Materials from Fish Processing Industry as a Source of Bioactive Peptide-Rich Protein Hydrolysates. <i>Marine Drugs</i> , 2021 , 19,	6	3
782	Seaweed Polysaccharides: Promising Molecules for Biotechnological Applications 2021 , 131-141		1
781	Cosmetics and Cosmeceutical Applications of Microalgae Pigments 2020 , 611-633		1
780	Algae Biotechnology 2020 , 1-31		3
779	Ecophysiology of Marine Algae 2020 , 341-357		
778	Non-ribosomal Peptides from Marine-derived Fungi 2020 , 2261-2322		1
777	Epigenetic Activation of Animals, Fish, Crustaceans, Mollusks, and Plants by Administration of Dimethylsulfoniopropionate in Green Sea Algae 2020 , 359-406		

776	Marine-derived Potential Anti-inflammatory Agents 2020 , 2585-2605	1
775	Marine Source-derived Anti-HIV Therapeutics 2020 , 2725-2753	
774	Marine Microorganisms 2020 , 3229-3244	0
773	Algal Carotenoids 2020 , 33-64	4
772	Analyzing the Diversity of Microbial Communities Residing in Marine Ecosystems 2020 , 637-660	
771	Biodiversity Distribution Patterns of Marine Phytoplankton and their Main Threats (Climate Change, Eutrophication and Acidification) 2020 , 661-679	
770	Algae Cosmetics 2020 , 65-85	3
769	Algal Drugs 2020 , 87-104	
768	Algae Fertilizers 2020 , 105-119	1
767	Bioactive Polysaccharides from Marine Macroalgae 2020 , 121-145	1
766	Applications of Marine Proteases 2020 , 1427-1441	
765	Carrageenan and its Enzymatic Extraction 2020 , 147-159	2
764	Violacein and Prodiginines from Marine Bacteria 2020 , 1689-1710	
763	Chitosan as Anticancer Compound and Nanoparticulate Matrix for Cancer Therapeutics 2020 , 1737-1752	1
762	DMICSTechniques Applications and Future Perspectives 2020 , 1875-1890	1
761	Cultivation and Production Techniques of Marine Algae 2020 , 327-340	1
760	Mangrove Diversity Assessment by Molecular Markers 2020 , 2191-2210	
759	Nanogram and Nanomolar Active Marine Antiplasmodial Antibiotics 2020 , 2365-2409	1

- 758 Tropical Marine Cyanobacterium *Lyngbya sordida* Producing Toxic Octacosanol, 27-diene Induces Coagulative Hepatic Necrosis and Progressive Glomerulonephritis in *Mus musculus* **2020**, 2339-2364 0
- 757 Cytotoxic and Antitumor Compounds from Marine Invertebrates **2020**, 2529-2584 2
- 756 Marine Algal-derived Pharmaceuticals **2020**, 2691-2724 2
- 755 Marine Biopharmaceuticals I A Retrospective of Molecular Mechanisms **2020**, 2755-2772
- 754 Chitosan and Trimethyl Chitosan (TMC) as Drug Absorption Enhancers **2020**, 2773-2795
- 753 Applications of Biotechnology in Seafood Production and Processing **2020**, 2845-2865
- 752 Marine Invasive Seaweeds of the Iberian Peninsula for Value Added Products **2020**, 417-444
- 751 Seafood By-products **2020**, 2961-2986 0
- 750 Transgenic Fish Technology **2020**, 3245-3282 0
- 749 New Alternative Fertilizers Based on Algae Biomass Loaded with Metal Ions **2020**, 515-546
- 748 Chitosan Antioxidant Conjugates **2020**, 1031-1050 1
- 747 Environmental Applications of Chitosan and its Derivatives **2020**, 1065-1081 4
- 746 Marine Collagen as a Source of Biomaterial **2020**, 1175-1193 0
- 745 Astaxanthin and Fucoxanthin **2020**, 1391-1426 1
- 744 Marine Natural Pigments **2020**, 1493-1520
- 743 Photoaging and Anti-Photoaging Activity of Compounds Derived From Marine Origin **2020**, 1641-1657
- 742 Structure and Source of Marine Natural Products **2020**, 1659-1687
- 741 Extremozymes and Extremoproteins in Biosensor Applications **2020**, 1711-1736 6

- 740 Current Advances in Biotechnology of Marine Microalgae **2020**, 1809-1825 1
- 739 Genomic and Proteomics in Pharmaceutical Products Development and Biological Applications of Marine Derivatives **2020**, 1867-1874
- 738 Recent Advances in the Transcriptomics of Seaweeds **2020**, 1909-1917
- 737 Bioremediation Process by Marine Microorganisms **2020**, 2211-2228 1
- 736 Marine Photosynthetic Microorganisms **2020**, 2229-2245 1
- 735 Microbial Fermentation for Algal Fertilizer Production **2020**, 2247-2260
- 734 Production of Industrial Important Enzymes from Marine Isolates **2020**, 2323-2330
- 733 The Underexploited Bacterial Symbionts of Marine Invertebrates as the Potential Sources of Marine Carotenoids **2020**, 2331-2337
- 732 Polyketide Synthase from Marine Sponge **2020**, 2411-2422
- 731 Perspectives for Novel Enzyme Discovery from Marine Environments through Genome Mining and Metagenomics **2020**, 2423-2442 1
- 730 Antibacterial Activity of Seaweed-ZnO Composites **2020**, 2443-2452
- 729 Antifungal and Antibacterial Agents from Marine Organisms **2020**, 2453-2469 1
- 728 Trends in Development of Marine-based Anti-inflammatory Pharmaceuticals **2020**, 2471-2485
- 727 Ascidiaceae **2020**, 2487-2508
- 726 Marine-derived Pharmaceuticals for Oncotherapy **2020**, 2607-2618
- 725 Marine-origin Polysaccharides for Tissue Engineering and Regenerative Medicine **2020**, 2619-2650 1
- 724 Novel Marine Sources of Nutraceuticals and Functional Foods **2020**, 2651-2690 1
- 723 Hydrocolloid Production of Indonesian Seaweeds **2020**, 407-416 1

- 722 Application of Local Proteases to Produce Fish Protein Hydrolysate (FPH) in Indonesia **2020**, 2797-2812
- 721 Allergic Risks Associated with Seafood **2020**, 2813-2843 0
- 720 Dielectric Properties of Selected Seafood and their Products **2020**, 2867-2880
- 719 Health Risk Assessment for Radionuclide Contamination in Seafood **2020**, 2881-2894 1
- 718 Indonesian Traditional Fermented Fish Ikan Peda **2020**, 2895-2911
- 717 Seafood as Source of Protein-based Functional Foods **2020**, 2987-2997 2
- 716 Stress in Fish and Application of Carotenoid for Aquafeed as an Antistress Supplement **2020**, 2999-3019 1
- 715 Recovery of Bioactive Components from Seafood By-products toward Zero-waste Processing **2020**, 3021-3039 1
- 714 Applications of Flow Cytometry in Marine Biotechnology **2020**, 3109-3118
- 713 Bioremediation of Marine Effluents and Environments **2020**, 3119-3137 0
- 712 Bioremediation **2020**, 3139-3172
- 711 Future of Mariculture with the Advent of Modern Biotechnology Tools **2020**, 3173-3194
- 710 In Silico Techniques Used in Marine Biology Research **2020**, 3195-3211
- 709 Innovative Alternative Technology for Fucoxanthin Recovery **2020**, 3213-3227 1
- 708 Reproductive Processes of Marine Animals as Biomarker for Environmental Stress Impact **2020**, 3283-3298 0
- 707 Microalgal Growth and Nutrient Uptake in Heavy Metal Polluted Environments **2020**, 497-514 1
- 706 Dynamic Modeling of Microalgal Growth **2020**, 547-567 0
- 705 Recent Insights Into Algal Biotechnology **2020**, 569-584 1

704	Pharmacology of Marine Macroalgae 2020 , 585-615	3
703	Porphyran 2020 , 617-628	1
702	Chemical Ecology Driven Bioprospecting of Marine Sponges 2020 , 681-692	0
701	Biomass Production from Marine Microalgae 2020 , 693-710	
700	Harvesting of Bioenergy and Biomaterials from Marine Resources 2020 , 711-736	
699	Alginate Nanostructures 2020 , 767-782	1
698	Alginate Oligosaccharides 2020 , 783-792	
697	Ascophyllan 2020 , 793-809	
696	Biodegradable Nanoparticles for Photodynamic Therapy 2020 , 811-825	
695	Biomaterials for Tissue Engineering [Bioabsorbability/Degradation in Marine Biotechnology 2020 , 827-839	
694	Biomedical Applications of Chitin Nanofibers 2020 , 841-854	
693	Biotechnological Valorization of Marine Collagens 2020 , 855-883	3
692	Chemical Modifications of Chitin and Chitosan 2020 , 885-963	4
691	Chitosan as a Universal Drug Delivery Vehicle 2020 , 965-977	
690	Chitosan Based Composites and Their Applications in Tissue Engineering 2020 , 979-1006	1
689	Marine Collagen and its Biotechnological Applications 2020 , 1007-1030	0
688	Chondroitin Sulfate from Marine Invertebrates 2020 , 1051-1063	1
687	Extracellular Chitin Nanofibers from Marine Diatoms 2020 , 1083-1092	2

- 686 Extraction and Purification of Fucoïdan from Marine Sources **2020**, 1093-1125 2
- 685 Fish Collagen **2020**, 1127-1132 2
- 684 Fucoïdan Oligosaccharides [Bioactive and Therapeutic Potential **2020**, 1133-1139
- 683 Marine Biomaterials-Based Systems **2020**, 1141-1174 2
- 682 Marine Algal Polysaccharides and Their Applications **2020**, 1195-1208 2
- 681 Marine Polysaccharide-Based Nanomaterials **2020**, 1231-1248 1
- 680 pH-Sensitive Modification of Chitosan as a Gene Carrier among Marine Biomaterials **2020**, 1249-1282
- 679 Enzymatic Production of Water-Soluble Chitosan and its Development Prospects in Indonesia **2020**, 1283-1298
- 678 3D Printed Marine Biomaterials Composites for Bone Tissue Engineering **2020**, 1299-1314 1
- 677 Recent Advances on Chitosan-Based Materials in Regenerative Medicine **2020**, 1315-1333
- 676 Aeropylsinin-1, A Sponge-Derived Compound with Multi-Target Biological Activity **2020**, 1351-1368 0
- 675 Anti-Angiogenic and Anti-Lymphangiogenic Properties of Toluquinol, a Marine Fungus Metabolite **2020**, 1369-1389
- 674 Bioactive Proteins and Peptides from Microalgae **2020**, 1443-1474 1
- 673 Characterization of Bioactive Peptide Derived from Fish Mucus **2020**, 1475-1492
- 672 Marine Bioresources as Potential Source for Synthesis of Nanoparticles **2020**, 1521-1534 2
- 671 Neuroprotective Compounds from Marine Microorganisms **2020**, 1559-1579
- 670 Potential Uses and Medical Management of Neurotoxic Phycotoxins **2020**, 1581-1617
- 669 Pharmacological Profile of Bromophenols Derived from Marine Organisms **2020**, 1619-1639 1

668	Marine Extremophiles 2020 , 1753-1771	2
667	Algal Genomics 2020 , 1773-1790	
666	Advancements in Bioinformatics and Role in Marine Genomics and Metagenomics 2020 , 1791-1807	
665	Expanding Metabolomics Applications to Address Issues in Marine Ecology and Natural Products Chemistry 2020 , 1827-1842	1
664	Fish Genomics 2020 , 1843-1866	
663	Role of Metagenomics in Exploring Marine Microbiomes 2020 , 1891-1907	
662	Transcriptomics in Aquaculture 2020 , 1919-1936	
661	Degradation and Modification of Alginate by Enzymes in Marine Organisms 2020 , 1937-1950	
660	Actinobacteria in Marine Environments 2020 , 1951-1978	
659	Biotransformation of Flavonoids by Terrestrial and Marine Microorganisms 2020 , 1979-2000	1
658	Culture-independent Approach-based Mangrove Microbial Ecology Studies 2020 , 2001-2020	
657	Challenges and Triumphs in Genomics-based Microbial Agarase Enzyme Innovations and Applications from Marine Ecosystems 2020 , 2021-2038	
656	Desert Actinobacteria 2020 , 2039-2059	
655	Halophilic Bacteria in the Food Industry 2020 , 2061-2070	3
654	Influence of Pretreatment Time in the Sugarcane Bagasse Saccharification by Cellulase Complex Produced by Marine Fungi 2020 , 2071-2094	1
653	Marine Actinobacteria as a Source for Emerging Biopharmaceuticals 2020 , 2095-2105	2
652	Marine Bacteria as a Rich Source of Glycosaminoglycan-degrading Enzymes 2020 , 2107-2125	
651	Marine Cyanobacteria 2020 , 2127-2146	1

650	Marine Fungi as a Source of Natural Products 2020 , 2147-2160		1
649	Medicinal Drug-related Bioactive Agents from Marine Fungi 2020 , 2173-2190		0
648	Antiproliferative Effect of Aminoethyl-Chitooligosaccharide on Human Lung A549 Cancer Cells. <i>Biomolecules</i> , 2019 , 9,	5.9	10
647	Brown Algal Polyphenol and Its Pharmaceutical Properties. <i>Springer Series in Biomaterials Science and Engineering</i> , 2019 , 223-243	0.6	2
646	Sulfated Polysaccharides from Macroalgae for Bone Tissue Regeneration. <i>Current Pharmaceutical Design</i> , 2019 , 25, 1200-1209	3.3	11
645	Seaweed Biotechnology 2019 , 145-196		1
644	What Is Marine Biotechnology? 2019 , 1-21		
643	Developing Functional Materials with Marine Organisms 2019 , 229-295		
642	Marine Natural Substances 2019 , 345-380		
641	Microalgae, a Biological Resource for the Future 2019 , 197-227		
640	Phlorotannins 2019 , 515-527		15
639	The Suppressive Activity of Fucofuroeckol-A Derived from Brown Algal <i>Ecklonia stolonifera</i> Okamura on UVB-Induced Mast Cell Degranulation. <i>Marine Drugs</i> , 2018 , 16,	6	187
638	Preparation, Characterization and Biological Applications of Biosynthesized Silver Nanoparticles with Chitosan-Furoidan Coating. <i>Molecules</i> , 2018 , 23,	4.8	36
637	<i>Spirulina maxima</i> peptides suppress mast cell degranulation via inactivating Akt and MAPKs phosphorylation in RBL-2H3 cells. <i>International Journal of Biological Macromolecules</i> , 2018 , 118, 2224-2229	7.9	11
636	Apoptotic effect of physcion isolated from marine fungus <i>Microsporium</i> sp. in PC3 human prostate cancer cells. <i>Fisheries and Aquatic Sciences</i> , 2018 , 21,	2.9	3
635	Photoprotective Substances Derived from Marine Algae. <i>Marine Drugs</i> , 2018 , 16,	6	55
634	Hydroxyapatite from Cuttlefish Bone: Isolation, Characterizations, and Applications. <i>Biotechnology and Bioprocess Engineering</i> , 2018 , 23, 383-393	3.1	21
633	Seaweeds: Valuable Ingredients for the Pharmaceutical Industries. <i>Grand Challenges in Biology and Biotechnology</i> , 2018 , 49-95	2.4	4

632	4-hydroxybenzaldehyde-chitooligomers suppresses HO-induced oxidative damage in microglia BV-2 cells. <i>Carbohydrate Research</i> , 2017 , 440-441, 32-37	2.9	7
631	Chitosan as a vehicle for growth factor delivery: Various preparations and their applications in bone tissue regeneration. <i>International Journal of Biological Macromolecules</i> , 2017 , 104, 1383-1397	7.9	47
630	Antimicrobial and anticancer activities of porous chitosan-alginate biosynthesized silver nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2017 , 98, 515-525	7.9	103
629	Characterization of the in vitro effects of gallic acid-grafted-chitooligosaccharides in the suppression of AGS human gastric cancer cell proliferation. <i>RSC Advances</i> , 2017 , 7, 24561-24568	3.7	14
628	The free radical scavenging and anti-inflammatory activities of gallate-chitooligosaccharides in human lung epithelial A549 cells. <i>Process Biochemistry</i> , 2017 , 54, 188-194	4.8	43
627	In vitro and in vivo and pharmacokinetic evaluation of solid lipid nanoparticles of furosemide using Gastroplus. <i>RSC Advances</i> , 2017 , 7, 33314-33326	3.7	11
626	Introduction to Seaweed Polysaccharides 2017 , 1-9		7
625	Enzyme-Assisted Discovery of Antioxidant Peptides from Edible Marine Invertebrates: A Review. <i>Marine Drugs</i> , 2017 , 15,	6	50
624	Bioactive Peptide of Marine Origin for the Prevention and Treatment of Non-Communicable Diseases. <i>Marine Drugs</i> , 2017 , 15,	6	53
623	Marine Fish Proteins and Peptides for Cosmeceuticals: A Review. <i>Marine Drugs</i> , 2017 , 15,	6	117
622	Biomedical Applications of Fucoïdan, Seaweed Polysaccharides 2017 , 269-281		5
621	Preparations and Applications of Alginate Nanoparticles 2017 , 251-268		2
620	Role of Marine Nutraceuticals in Cardiovascular Health 2017 , 273-279		1
619	Cosmeceuticals Properties of Sea Cucumbers: Prospects and Trends. <i>Cosmetics</i> , 2017 , 4, 26	2.7	26
618	Marine Biopolymers in Bone Tissue Repair and Regeneration 2017 , 401-414		2
617	Preparation of piperlongumine-loaded chitosan nanoparticles for safe and efficient cancer therapy. <i>RSC Advances</i> , 2016 , 6, 79307-79316	3.7	21
616	Interaction of stem cells with nano hydroxyapatite-fucoïdan bionanocomposites for bone tissue regeneration. <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 1488-1491	7.9	35
615	Introduction to marine glycobiology 2016 , 1-6		

614	An overview of chitin or chitosan/nano ceramic composite scaffolds for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 1338-1353	7.9	177
613	Preparation and characterization of chitosan-natural nano hydroxyapatite-fucoidan nanocomposites for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 1479-1487	7.9	83
612	Removal of Cr(VI) from aqueous solution using chitosan-g-poly(butyl acrylate)/silica gel nanocomposite. <i>International Journal of Biological Macromolecules</i> , 2016 , 87, 545-54	7.9	49
611	Actinobacteria mediated synthesis of nanoparticles and their biological properties: A review. <i>Critical Reviews in Microbiology</i> , 2016 , 42, 209-21	7.8	34
610	Marine Sponges as Future Biomedical Models 2016 , 349-357		1
609	Fucofuroeckol-A from <i>Eisenia bicyclis</i> Inhibits Inflammation in Lipopolysaccharide-Induced Mouse Macrophages via Downregulation of the MAPK/NF- κ B Signaling Pathway. <i>Journal of Chemistry</i> , 2016 , 2016, 1-9	2.3	5
608	Antimicrobial, Antioxidant, and Anticancer Activities of Biosynthesized Silver Nanoparticles Using Marine Algae <i>Ecklonia cava</i> . <i>Nanomaterials</i> , 2016 , 6,	5.4	94
607	Seaweed Polysaccharide-Based Nanoparticles: Preparation and Applications for Drug Delivery. <i>Polymers</i> , 2016 , 8,	4.5	101
606	Prevention of H ₂ O ₂ -induced oxidative stress in murine microglial BV-2 cells by chitin-oligomers. <i>Process Biochemistry</i> , 2016 , 51, 2170-2175	4.8	8
605	Angiotensin- I- converting enzyme (ACE) inhibitory peptides from Pacific cod skin gelatin using ultrafiltration membranes. <i>Process Biochemistry</i> , 2016 , 51, 1622-1628	4.8	63
604	Introduction to Marine Biotechnology 2015 , 1-10		1
603	Effects of blue mussel (ME) water extracts on pentobarbital-induced sleep and the sleep architecture in mice. <i>Food Science and Biotechnology</i> , 2015 , 24, 295-300	3	1
602	Seaweed polysaccharides and their potential biomedical applications. <i>Starch/Staerke</i> , 2015 , 67, 381-390	2.3	97
601	Biosynthesis of Nanoparticles Using Marine Algae: A Review 2015 , 295-304		4
600	Anticancer Compounds from Marine Algae 2015 , 267-276		1
599	Analysis of Green Algae Extracts 2015 , 79-100		
598	Introduction of Marine Algae Extracts 2015 , 1-14		4
597	Biomass and Extracts of Algae as Material for Cosmetics 2015 , 681-706		8

596	Biologically Active Organic Compounds, Especially Plant Promoters, in Algae Extracts and Their Potential Application in Plant Cultivation 2015 , 659-680	0
595	Application of Marine Algae Derived Nutraceuticals in the Food Industry 2015 , 627-638	4
594	Marine Algae and Chronic Diseases 2015 , 557-574	1
593	Wound Dressings from Algal Polymers 2015 , 523-556	5
592	Biological Phlorotannins of <i>Eisenia bicyclis</i> 2015 , 453-464	2
591	Algal Polysaccharides and Their Biological Applications 2015 , 411-452	3
590	Antihyperglycemic of <i>Sargassum</i> sp. Extract 2015 , 381-394	3
589	Antiviral Activities of Marine Algal Extracts 2015 , 371-380	3
588	Marine Algae for Protecting Your Brain: Neuroprotective Potentials of Marine Algae 2015 , 359-370	1
587	Marine Algae Based Biomaterials for Osteoblast Differentiation and Tissue Regeneration 2015 , 489-508	
586	An Overview of Phycocolloids: The Principal Commercial Seaweed Extracts 2015 , 319-330	4
585	Enzyme-Assisted Extraction to Prepare Bioactive Peptides from Microalgae 2015 , 305-318	4
584	Triterpenoids as Anticancer Drugs from Marine Sponges 2015 , 15-27	2
583	Seaweeds-Derived Bioactive Materials for the Prevention and Treatment of Female Cancer 2015 , 165-176	3
582	Antitumor and Antimetastatic Effects of Marine Algal Polyphenols 2015 , 177-183	1
581	Fucoidan, A Sulfated Polysaccharides from Brown Algae as Therapeutic Target for Cancer 2015 , 145-164	6
580	Extracellular synthesis of gold bionanoparticles by <i>Nocardiopsis</i> sp. and evaluation of its antimicrobial, antioxidant and cytotoxic activities. <i>Bioprocess and Biosystems Engineering</i> , 2015 , 38, 1167-1177	60
579	Marine Microalgae Biotechnology 2015 , 1-9	10

578	Marine Sponge Derived Actinomycetes and Their Anticancer Compounds 2015 , 741-755		
577	An Overview of Harmful Algal Blooms on Marine Organisms 2015 , 517-526		2
576	Nutritional and Pharmaceutical Properties of Microalgal Spirulina 2015 , 299-308		18
575	Introduction to Anticancer Drugs from Marine Origin 2015 , 1-13		
574	Algae Extract as a Potential Feed Additive 2015 , 603-626		2
573	The Current Status of Novel Anticancer Drugs from Marine Actinobacteria 2015 , 239-251		
572	Production of polysaccharide-based bioflocculant for the synthesis of silver nanoparticles by <i>Streptomyces</i> sp. <i>International Journal of Biological Macromolecules</i> , 2015 , 77, 159-67	7.9	51
571	Dioxinohydroeckol protects human keratinocyte cells from UVB-induced apoptosis modulated by related genes Bax/Bcl-2 and caspase pathway. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015 , 153, 352-7	6.7	24
570	Seaweed proteins, peptides, and amino acids 2015 , 125-140		25
569	Peptide-derived from Seahorse Exerts a Protective Effect against Cholinergic Neuronal Death in in vitro Model of Alzheimer's Disease. <i>Procedia Chemistry</i> , 2015 , 14, 343-352		3
568	Chitosan-Based Polysaccharide Biomaterials 2015 , 1837-1850		4
567	Dieckol as a novel anti-proliferative and anti-angiogenic agent and computational anti-angiogenic activity evaluation. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 39, 259-70	5.8	11
566	Actinobacterial enzyme inhibitors--a review. <i>Critical Reviews in Microbiology</i> , 2015 , 41, 261-72	7.8	16
565	The beneficial properties of marine polysaccharides in alleviation of allergic responses. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 129-38	5.9	43
564	Angiotensin-I converting enzyme inhibitory peptides from antihypertensive skate (<i>Okamejei kenojei</i>) skin gelatin hydrolysate in spontaneously hypertensive rats. <i>Food Chemistry</i> , 2015 , 174, 37-43	8.5	66
563	Gliotoxin from <i>Aspergillus fumigatus</i> reverses epithelial to mesenchymal transition: implications in renal fibrosis. <i>International Journal of Medical Microbiology</i> , 2015 , 305, 11-9	3.7	5
562	Alginate composites for bone tissue engineering: a review. <i>International Journal of Biological Macromolecules</i> , 2015 , 72, 269-81	7.9	523
561	Production of α -amylase for the biosynthesis of gold nanoparticles using <i>Streptomyces</i> sp. MBRC-82. <i>International Journal of Biological Macromolecules</i> , 2015 , 72, 71-8	7.9	47

560	Antimicrobial potential of marine actinobacteria: A review 2015 , 17-28		
559	Isolation and Characterization of Nano-Hydroxyapatite from Salmon Fish Bone. <i>Materials</i> , 2015 , 8, 5426-5439	68	
558	Anti-Cancer Effects of Chitin and Chitosan Derivatives 2015 , 413-421		5
557	Application of Diatom Biosilica in Drug Delivery 2015 , 245-254		5
556	Biological effects of chitosan and its derivatives. <i>Food Hydrocolloids</i> , 2015 , 51, 200-216	10.6	150
555	Applications of Microalgae-Derived Active Ingredients as Cosmeceuticals 2015 , 309-316		9
554	Floridoside from <i>Laurencia undulata</i> promotes osteogenic differentiation in murine bone marrow mesenchymal cells. <i>Journal of Functional Foods</i> , 2015 , 19, 505-511	5.1	16
553	Chitosan and Its Application as Tissue Engineering Scaffolds 2015 , 133-147		8
552	Marine Algae Derived Polysaccharides for Bone Tissue Regeneration 2015 , 509-522		1
551	Marine Actinobacterial Metabolites and their Pharmaceutical Potential 2015 , 1371-1386		1
550	Marine Biomaterials 2015 , 1195-1215		5
549	Marine Biomaterials as Antifouling Agent 2015 , 1181-1192		
548	Marine Nutraceuticals 2015 , 995-1014		6
547	Carotenoids, Bioactive Metabolites Derived from Seaweeds 2015 , 816-821		1
546	Development of Alginate-Chitosan-Collagen Based Hydrogels for Tissue Engineering. <i>Journal of Biomaterials and Tissue Engineering</i> , 2015 , 5, 458-464	0.3	22
545	Chitosan Modified Alginate-Polyurethane Scaffold for Skeletal Muscle Tissue Engineering. <i>Journal of Biomaterials and Tissue Engineering</i> , 2015 , 5, 665-672	0.3	13
544	Optimization, production and characterization of glycolipid biosurfactant from the marine actinobacterium, <i>Streptomyces</i> sp. MAB36. <i>Bioprocess and Biosystems Engineering</i> , 2014 , 37, 783-97	3.7	49
543	Marine algae-mediated synthesis of gold nanoparticles using a novel <i>Ecklonia cava</i> . <i>Bioprocess and Biosystems Engineering</i> , 2014 , 37, 1591-7	3.7	77

542	Active peptides from skate (<i>Okamejei kenojei</i>) skin gelatin diminish angiotensin-I converting enzyme activity and intracellular free radical-mediated oxidation. <i>Food Chemistry</i> , 2014 , 143, 246-55	8.5	92
541	Studies on drug-polymer interaction, in vitro release and cytotoxicity from chitosan particles excipient. <i>International Journal of Pharmaceutics</i> , 2014 , 468, 214-22	6.5	27
540	Anti-HIV activities of novel synthetic peptide conjugated chitosan oligomers. <i>International Journal of Biological Macromolecules</i> , 2014 , 66, 260-6	7.9	26
539	Potential matrix metalloproteinase inhibitors from edible marine algae: a review. <i>Environmental Toxicology and Pharmacology</i> , 2014 , 37, 1090-100	5.8	20
538	Marine derived natural products for osteoporosis. <i>Biomedicine and Preventive Nutrition</i> , 2014 , 4, 1-7		14
537	Marine microorganisms: An emerging avenue in modern nutraceuticals and functional foods. <i>Food Research International</i> , 2014 , 56, 115-125	7	69
536	Bioactive Materials Derived from Seafood and Seafood Processing by-Products 2014 , 139-158		1
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16	Purification and characterization of a collagenase from the mackerel, <i>Scomber japonicus</i> . <i>BMB Reports</i> , 2002 , 35, 576-82	5.5	14
15	Purification and characterization of antioxidative peptides from protein hydrolysate of lecithin-free egg yolk. <i>JAOCS, Journal of the American Oil Chemists Society</i> , 2001 , 78, 651-656	1.8	264
14	Purification and characterization of angiotensin I converting enzyme (ACE) inhibitory peptides from Alaska pollack (<i>Theragra chalcogramma</i>) skin. <i>Process Biochemistry</i> , 2001 , 36, 1155-1162	4.8	297
13	Antimicrobial effect of chitooligosaccharides produced by bioreactor. <i>Carbohydrate Polymers</i> , 2001 , 44, 71-76	10.3	525
12	Quality Management of Marine Nutraceuticals. <i>ACS Symposium Series</i> , 2001 , 76-87	0.4	1
11	Subacute toxicity of chitosan oligosaccharide in Sprague-Dawley rats. <i>Arzneimittelforschung</i> , 2001 , 51, 769-74		27
10	Isolation and characterization of antioxidative peptides from gelatin hydrolysate of Alaska pollack skin. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 1984-9	5.7	376
9	Angiotensin I converting enzyme inhibitory peptides purified from bovine skin gelatin hydrolysate. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 2992-7	5.7	204
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5	Improvement of functional properties of cod frame protein hydrolysates using ultrafiltration membranes. <i>Process Biochemistry</i> , 1999 , 35, 471-478	4.8	224
4	Complementary DNA Encoding nm23/NDP Kinase Gene from the Korean Tiger Shark <i>Scyliorhinus torazame</i> . <i>Marine Biotechnology</i> , 1999 , 1, 131-136	3.4	5
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