

Wei Zhang

List of Publications by Year in descending order

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201
papers

7,373
citations

61984

43
h-index

74163

75
g-index

224
all docs

224
docs citations

224
times ranked

9869
citing authors

#	ARTICLE	IF	CITATIONS
1	Vortex fluidic induced mass transfer across immiscible phases. <i>Chemical Science</i> , 2022, 13, 3375-3385.	7.4	15
2	Neuroprotective activity of macroalgal fucofuroeckols against amyloid β peptide-induced cell death and oxidative stress. <i>International Journal of Food Science and Technology</i> , 2022, 57, 4286-4295.	2.7	1
3	Marine Sponge Endosymbionts: Structural and Functional Specificity of the Microbiome within <i>Eurypongia arenaria</i> Cells. <i>Microbiology Spectrum</i> , 2022, 10, e0229621.	3.0	5
4	Continuous flow fabrication of green graphene oxide in aqueous hydrogen peroxide. <i>Nanoscale Advances</i> , 2022, 4, 3121-3130.	4.6	7
5	Astragalus Shiitake—A Novel Functional Food with High Polysaccharide Content and Anti-Proliferative Activity in a Colorectal Carcinoma Cell Line. <i>Nutrients</i> , 2022, 14, 2333.	4.1	3
6	Sub-micron moulding topological mass transport regimes in angled vortex fluidic flow. <i>Nanoscale Advances</i> , 2021, 3, 3064-3075.	4.6	34
7	Release of encapsulated bioactives influenced by alginate viscosity under in-vitro gastrointestinal model. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 540-548.	7.5	12
8	Cultivation of fractionated cells from a bioactive-alkaloid-bearing marine sponge <i>Axinella</i> sp.. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2021, 57, 539-549.	1.5	2
9	New norterpene cyclic peroxides and a new polyketide from the marine sponge <i>Diacarnus megaspinorhabdosa</i> . <i>Tetrahedron Letters</i> , 2021, 74, 153155.	1.4	1
10	Combining the Anticancer and Immunomodulatory Effects of Astragalus and Shiitake as an Integrated Therapeutic Approach. <i>Nutrients</i> , 2021, 13, 2564.	4.1	18
11	Seaweed and seaweed-derived metabolites as prebiotics. <i>Advances in Food and Nutrition Research</i> , 2020, 91, 97-156.	3.0	31
12	<i>Ecklonia radiata</i> extract containing eckol protects neuronal cells against $\text{A}\beta_{42}$ evoked toxicity and reduces aggregate density. <i>Food and Function</i> , 2020, 11, 6509-6516.	4.6	8
13	Vortex Fluidic-Mediated Fabrication of Fast Gelated Silica Hydrogels with Embedded Laccase Nanoflowers for Real-Time Biosensing under Flow. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51999-52007.	8.0	30
14	Protein Recovery from Underutilised Marine Bioresources for Product Development with Nutraceutical and Pharmaceutical Bioactivities. <i>Marine Drugs</i> , 2020, 18, 391.	4.6	28
15	Techno-economic feasibility analysis of microwave-assisted biorefinery of multiple products from Australian lobster shells. <i>Food and Bioproducts Processing</i> , 2020, 124, 419-433.	3.6	16
16	Critical evaluation of process parameters for direct biodiesel production from diverse feedstock. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 123, 109762.	16.4	75
17	Hot water pretreatment-induced significant metabolite changes in the sea cucumber <i>Apostichopus japonicus</i> . <i>Food Chemistry</i> , 2020, 314, 126211.	8.2	14
18	Role of Dietary Nutrients in the Modulation of Gut Microbiota: A Narrative Review. <i>Nutrients</i> , 2020, 12, 381.	4.1	265

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19	Impact of Ecklonia radiata extracts on the neuroprotective activities against amyloid beta (A β 1-42) toxicity and aggregation. <i>Journal of Functional Foods</i> , 2020, 68, 103893.	3.4	18
20	Highly efficient recovery of nutritional proteins from Australian Rock Lobster heads (<i>Jasus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td Science and Emerging Technologies, 2020, 60, 102308.	5.6	12
21	Marine Actinomycetes-derived Natural Products. <i>Current Topics in Medicinal Chemistry</i> , 2020, 19, 2868-2918.	2.1	18
22	Microfluidic Devices in Fabricating Nano or Micromaterials for Biomedical Applications. <i>Advanced Materials Technologies</i> , 2019, 4, 1900488.	5.8	48
23	Untapped sponge microbiomes: structure specificity at host order and family levels. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	14
24	Response of Sponge Microbiomes to Environmental Variations. , 2019, , 181-247.		4
25	Uncovering the hidden marine sponge microbiome by applying a multi-primer approach. <i>Scientific Reports</i> , 2019, 9, 6214.	3.3	12
26	Fresh living <i>Arthrospira</i> as dietary supplements: Current status and challenges. <i>Trends in Food Science and Technology</i> , 2019, 88, 439-444.	15.1	20
27	Comparative analysis of sugar and mineral content of <i>Sargassum</i> spp. collected from different coasts of Sri Lanka. <i>Journal of Applied Phycology</i> , 2019, 31, 2643-2651.	2.8	9
28	Effect of <i>Flammulina velutipes</i> on the physicochemical and sensory characteristics of Cantonese sausages. <i>Meat Science</i> , 2019, 154, 22-28.	5.5	25
29	Optimisation of biorefinery production of alginate, fucoidan and laminarin from brown seaweed <i>Durvillaea potatorum</i> . <i>Algal Research</i> , 2019, 38, 101389.	4.6	51
30	Turbo thin film continuous flow production of biodiesel from fungal biomass. <i>Bioresource Technology</i> , 2019, 273, 431-438.	9.6	14
31	In vitro studies of the neuroprotective activities of astaxanthin and fucoxanthin against amyloid beta (A β 1-42) toxicity and aggregation. <i>Neurochemistry International</i> , 2019, 124, 215-224.	3.8	84
32	Comparative study on neuroprotective activities of fucoidans from <i>Fucus vesiculosus</i> and <i>Undaria pinnatifida</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 122, 255-264.	7.5	29
33	Stability of phenolic compounds and antioxidant capacity of concentrated mulberry juice-enriched dried-minced pork slices during preparation and storage. <i>Food Control</i> , 2018, 89, 187-195.	5.5	24
34	Laser irradiated vortex fluidic mediated synthesis of luminescent carbon nanodots under continuous flow. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 164-170.	3.7	44
35	High α €Shear α €mparted Tunable Fluorescence in Polyethylenimines. <i>ChemPhotoChem</i> , 2018, 2, 343-348.	3.0	15
36	Process and economic feasibility for the production of functional food from the brown alga <i>Ecklonia radiata</i> . <i>Algal Research</i> , 2018, 29, 80-91.	4.6	25

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37	Continuous flow biodiesel production from wet microalgae using a hybrid thin film microfluidic platform. <i>Chemical Communications</i> , 2018, 54, 12085-12088.	4.1	15
38	Laser-Ablated Vortex Fluidic-Mediated Synthesis of Superparamagnetic Magnetite Nanoparticles in Water Under Flow. <i>ACS Omega</i> , 2018, 3, 11172-11178.	3.5	28
39	Distribution of Saponins in the Sea Cucumber <i>Holothuria lessona</i> ; the Body Wall Versus the Viscera, and Their Biological Activities. <i>Marine Drugs</i> , 2018, 16, 423.	4.6	33
40	Vortex Fluidic Mediated Synthesis of Macroporous Bovine Serum Albumin-Based Microspheres. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 27224-27232.	8.0	22
41	Vortex fluidic mediated direct transesterification of wet microalgae biomass to biodiesel. <i>Bioresource Technology</i> , 2018, 266, 488-497.	9.6	27
42	A controlled aquarium system and approach to study the role of sponge-bacteria interactions using <i>Aplysilla rosea</i> and <i>Vibrio natriegens</i> . <i>Scientific Reports</i> , 2018, 8, 11801.	3.3	2
43	In vitro protective activity of South Australian marine sponge and macroalgae extracts against amyloid beta (A β 1-42) induced neurotoxicity in PC-12 cells. <i>Neurotoxicology and Teratology</i> , 2018, 68, 72-83.	2.4	5
44	Development of a multilocus-based approach for sponge (phylum Porifera) identification: refinement and limitations. <i>Scientific Reports</i> , 2017, 7, 41422.	3.3	18
45	New diterpene alkaloids from the marine sponge <i>Agelas mauritiana</i> . <i>RSC Advances</i> , 2017, 7, 23970-23976.	3.6	19
46	Polysaccharide and phlorotannin-enriched extracts of the brown seaweed <i>Ecklonia radiata</i> influence human gut microbiota and fermentation in vitro. <i>Journal of Applied Phycology</i> , 2017, 29, 2407-2416.	2.8	45
47	High-photovoltage all-polymer solar cells based on a diketopyrrolopyrrole-isoindigo acceptor polymer. <i>Journal of Materials Chemistry A</i> , 2017, 5, 11693-11700.	10.3	54
48	Application and optimization of the highly efficient and environmentally-friendly microwave-intensified lactic acid demineralization of deproteinized Rock lobster shells (<i>Jasus</i>) Tj ETQq0 0 0 rgBT / Overlock 109 Tf 50 297		
49	The development of seaweed-derived bioactive compounds for use as prebiotics and nutraceuticals using enzyme technologies. <i>Trends in Food Science and Technology</i> , 2017, 70, 20-33.	15.1	99
50	Gut health benefits of brown seaweed <i>Ecklonia radiata</i> and its polysaccharides demonstrated in vivo in a rat model. <i>Journal of Functional Foods</i> , 2017, 37, 676-684.	3.4	23
51	Lobster processing by-products as valuable bioresource of marine functional ingredients, nutraceuticals, and pharmaceuticals. <i>Bioresources and Bioprocessing</i> , 2017, 4, 27.	4.2	72
52	Sequential extraction and characterization of fucoidans and alginates from <i>Ecklonia radiata</i> , <i>Macrocystis pyrifera</i> , <i>Durvillaea potatorum</i> , and <i>Seirococcus axillaris</i> . <i>Journal of Applied Phycology</i> , 2017, 29, 1515-1526.	2.8	38
53	Coordinated Regulation of Anthocyanin Biosynthesis Genes Confers Varied Phenotypic and Spatial-Temporal Anthocyanin Accumulation in Radish (<i>Raphanus sativus</i> L.). <i>Frontiers in Plant Science</i> , 2017, 8, 1243.	3.6	28
54	Direct Superassemblies of Freestanding Metal-Carbon Frameworks Featuring Reversible Crystalline-Phase Transformation for Electrochemical Sodium Storage. <i>Journal of the American Chemical Society</i> , 2016, 138, 16533-16541.	13.7	120

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55	Vortex Fluidic Device-Intensified Aqueous Two Phase Extraction of C-Phycocyanin from <i>Spirulina maxima</i> . ACS Sustainable Chemistry and Engineering, 2016, 4, 3905-3911.	6.7	56
56	Impact of extraction processes on prebiotic potential of the brown seaweed <i>Ecklonia radiata</i> by in vitro human gut bacteria fermentation. Journal of Functional Foods, 2016, 24, 221-230.	3.4	67
57	Antifungal bromopyrrole alkaloids from the South China Sea sponge <i>Agelas</i> sp.. Tetrahedron, 2016, 72, 2964-2971.	1.9	30
58	The role of sponge-bacteria interactions: the sponge <i>Aplysilla rosea</i> challenged by its associated bacterium <i>Streptomyces</i> ACT-52A in a controlled aquarium system. Applied Microbiology and Biotechnology, 2016, 100, 10609-10626.	3.6	21
59	High Performance All-Polymer Solar Cells by Synergistic Effects of Fine-Tuned Crystallinity and Solvent Annealing. Journal of the American Chemical Society, 2016, 138, 10935-10944.	13.7	401
60	Oryzamides A-E, Cyclodepsipeptides from the Sponge-Derived Fungus <i>Nigrospora oryzae</i> PF18. Journal of Natural Products, 2016, 79, 2045-2052.	3.0	44
61	Neuroprotective activities of natural products from marine macroalgae during 1999-2015. Journal of Applied Phycology, 2016, 28, 3599-3616.	2.8	42
62	Protein hydrolysates produced from rock lobster (<i>Jasus edwardsii</i>) Head: emulsifying capacity and food safety. Food Science and Nutrition, 2016, 4, 869-877.	3.4	11
63	Low Band Gap Polymer Solar Cells With Minimal Voltage Losses. Advanced Energy Materials, 2016, 6, 1600148.	19.5	84
64	Enzyme-assisted extraction of carbohydrates from the brown alga <i>Ecklonia radiata</i> : Effect of enzyme type, pH and buffer on sugar yield and molecular weight profiles. Process Biochemistry, 2016, 51, 1503-1510.	3.7	62
65	New marine natural products from sponges (Porifera) of the order Dictyoceratida (2001 to 2012); a promising source for drug discovery, exploration and future prospects. Biotechnology Advances, 2016, 34, 473-491.	11.7	56
66	New antimalarial norterpene cyclic peroxides from Xisha Islands sponge <i>Diacarnus megaspinorhabdosa</i> . Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2084-2087.	2.2	15
67	Microwave-Intensified Enzymatic Deproteinization of Australian Rock Lobster Shells (<i>Jasus edwardsii</i>) for the Efficient Recovery of Protein Hydrolysate as Food Functional Nutrients. Food and Bioprocess Technology, 2016, 9, 628-636.	4.7	40
68	Dysiherbols C and Dysideanone E, Cytotoxic and NF- κ B Inhibitory Tetracyclic Meroterpenes from a <i>Dysidea</i> sp. Marine Sponge. Journal of Natural Products, 2016, 79, 406-411.	3.0	50
69	Extraction and characterization of polysaccharides from Semen Cassiae by microwave-assisted aqueous two-phase extraction coupled with spectroscopy and HPLC. Carbohydrate Polymers, 2016, 144, 263-270.	10.2	82
70	Neuroprotective Activities of Marine Natural Products from Marine Sponges. Current Medicinal Chemistry, 2016, 23, 360-382.	2.4	18
71	Secondary metabolites from microorganisms isolated from marine sponges from 2000 to 2012. , 2015, , 279-316.		0
72	Bioactive sesquiterpene quinols and quinones from the marine sponge <i>Dysidea avara</i> . RSC Advances, 2015, 5, 87730-87738.	3.6	15

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73	Economic Feasibility Analysis of the Industrial Production of Fish Protein Hydrolysates using Conceptual Process Simulation Software. <i>Journal of Bioprocessing & Biotechniques</i> , 2015, 05, .	0.2	1
74	Advances in Microalgae-Derived Phytosterols for Functional Food and Pharmaceutical Applications. <i>Marine Drugs</i> , 2015, 13, 4231-4254.	4.6	154
75	Improved antioxidant activities of brown seaweed <i>Ecklonia radiata</i> extracts prepared by microwave-assisted enzymatic extraction. <i>Journal of Applied Phycology</i> , 2015, 27, 2049-2058.	2.8	73
76	Fish Protein Hydrolysates: Application in Deep-Fried Food and Food Safety Analysis. <i>Journal of Food Science</i> , 2015, 80, E108-15.	3.1	23
77	Branched Artificial Nanofinger Arrays by Mesoporous Interfacial Atomic Rearrangement. <i>Journal of the American Chemical Society</i> , 2015, 137, 4260-4266.	13.7	30
78	Sponge-associated actinobacterial diversity: validation of the methods of actinobacterial DNA extraction and optimization of 16S rRNA gene amplification. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 8731-8740.	3.6	12
79	Significant Enrichment of Polyunsaturated Fatty Acids (PUFAs) in the Lipids Extracted by Supercritical CO ₂ from the Livers of Australian Rock Lobsters (<i>Jasus edwardsii</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4621-4628.	5.2	30
80	Interfacial assembly of mesoporous nanopylramids as ultrasensitive cellular interfaces featuring efficient direct electrochemistry. <i>NPG Asia Materials</i> , 2015, 7, e204-e204.	7.9	14
81	Multiple-response optimization of the acidic treatment of the brown alga <i>Ecklonia radiata</i> for the sequential extraction of fucoidan and alginate. <i>Bioresource Technology</i> , 2015, 197, 302-309.	9.6	66
82	Kinetics of conventional and microwave-assisted fucoidan extractions from the brown alga, <i>Ecklonia radiata</i> . <i>Journal of Applied Phycology</i> , 2015, 27, 2079-2087.	2.8	38
83	Discovery of Novel Saponins from the Viscera of the Sea Cucumber <i>Holothuria lessona</i> . <i>Marine Drugs</i> , 2014, 12, 2633-2667.	4.6	55
84	Purification and characterization of 2-haloacid dehalogenase from marine bacterium <i>Paracoccus</i> sp. DEH99, isolated from marine sponge <i>Hymeniacidon perlevis</i> . <i>Journal of Ocean University of China</i> , 2014, 13, 91-96.	1.2	19
85	Treatment strategies for high resveratrol induction in <i>Vitis vinifera</i> L. cell suspension culture. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2014, 1-2, 15-21.	4.4	43
86	Structural Elucidation of Novel Saponins in the Sea Cucumber <i>Holothuria lessona</i> . <i>Marine Drugs</i> , 2014, 12, 4439-4473.	4.6	37
87	Marine Sponge Derived Natural Products between 2001 and 2010: Trends and Opportunities for Discovery of Bioactives. <i>Marine Drugs</i> , 2014, 12, 4539-4577.	4.6	332
88	Molecular cloning of partial 14-3-3 genes in the marine sponge <i>Hymeniacidon perleve</i> and its role in differentiating infectious and non-infectious bacteria. <i>Science Bulletin</i> , 2013, 58, 766-776.	1.7	1
89	A two-phase flow model coupling with volume of fluid and immersed boundary methods for free surface and moving structure problems. <i>Ocean Engineering</i> , 2013, 74, 107-124.	4.3	14
90	Functions, applications and production of protein hydrolysates from fish processing co-products (FPCP). <i>Food Research International</i> , 2013, 50, 289-297.	6.2	159

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91	Preparation of a microalgal photoanode for hydrogen production by photo-bioelectrochemical water-splitting. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 13045-13049.	7.1	10
92	Purification and characterization of a dehalogenase from <i>Pseudomonas stutzeri</i> DEH130 isolated from the marine sponge <i>Hymeniacidon perlevis</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 1791-1799.	3.6	25
93	Potential products from the highly diverse and endemic macroalgae of Southern Australia and pathways for their sustainable production. <i>Journal of Applied Phycology</i> , 2013, 25, 717-732.	2.8	43
94	Chiral Self-Assembly of Designed Amphiphiles: Influences on Aggregate Morphology. <i>Langmuir</i> , 2013, 29, 10001-10010.	3.5	17
95	Investigation of photoinduced electron transfer based on immobilized Green microalga <i>Tetraselmis subcordiformis</i> photoanode. , 2013, , .		0
96	Altered mRNA Expression Related to the Apoptotic Effect of Three Xanthenes on Human Melanoma SK-MEL-28 Cell Line. <i>BioMed Research International</i> , 2013, 2013, 1-10.	1.9	13
97	Discovery of antimicrobial activities of a marine diatom <i>Thalassiosira rotula</i> . <i>African Journal of Microbiology Research</i> , 2013, 7, 5687-5696.	0.4	13
98	Microalgae biofuels: can we achieve net energy gain and water savings?. <i>Biofuels</i> , 2012, 3, 5-8.	2.4	3
99	Process optimisation and physicochemical characterisation of enzymatic hydrolysates of proteins from co-products of Atlantic Salmon (<i>Salmo salar</i>) and Yellowtail Kingfish (<i>Seriola</i>)	1.7	10
100	Chiral Self-Assembly of Designed Amphiphiles: Optimization for Nanotube Formation. <i>Langmuir</i> , 2012, 28, 14172-14179.	3.5	16
101	High temporal variability in bacterial community, silicatein and hsp70 expression during the annual life cycle of <i>Hymeniacidon sinapium</i> (Demospongiae) in China's Yellow Sea. <i>Aquaculture</i> , 2012, 358-359, 262-273.	3.5	16
102	Anti-skin cancer properties of phenolic-rich extract from the pericarp of mangosteen (<i>Garcinia</i>)	3.6	45
103	Enhancing starch production of a marine green microalga <i>Tetraselmis subcordiformis</i> through nutrient limitation. <i>Bioresource Technology</i> , 2012, 118, 438-444.	9.6	172
104	Subcritical co-solvents extraction of lipid from wet microalgae pastes of <i>Nannochloropsis</i> sp.. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 205-212.	1.5	75
105	Experimental silicon demand by the sponge <i>Hymeniacidon perlevis</i> reveals chronic limitation in field populations. <i>Hydrobiologia</i> , 2012, 687, 251-257.	2.0	13
106	Cytotoxic effect of xanthenes from pericarp of the tropical fruit mangosteen (<i>Garcinia mangostana</i>)	3.6	59
107	Deoxyuridines from the Marine Sponge Associated Actinomycete <i>Streptomyces microflavus</i> . <i>Marine Drugs</i> , 2011, 9, 690-695.	4.6	25
108	Microbial and Plant Cell Synthesis of Secondary Metabolites and Strain Improvement. , 2011, , 101-135.		1

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109	Characterisation of processing wastes of Atlantic Salmon (<i>Salmo salar</i>) and Yellowtail Kingfish (<i>Seriola lalandi</i>) harvested in Australia. <i>International Journal of Food Science and Technology</i> , 2011, 46, 1898-1904.	2.7	20
110	Efficient purification with high recovery of vanadium bromoperoxidase from <i>Corallina officinalis</i> . <i>Biotechnology Letters</i> , 2011, 33, 545-548.	2.2	3
111	A combination of elicitation and precursor feeding leads to increased anthocyanin synthesis in cell suspension cultures of <i>Vitis vinifera</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 107, 261-269.	2.3	59
112	Phylogenetic diversity and characterization of 2-haloacid degrading bacteria from the marine sponge <i>Hymeniacion perlevis</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 1787-1794.	3.6	12
113	Significantly improved taxuyunnanine C production in cell suspension cultures of <i>Taxus chinensis</i> by process intensification of repeated elicitation, sucrose feeding, and in situ adsorption. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 2271-2279.	3.6	8
114	Cellular Localization of Debromohymenialdisine and Hymenialdisine in the Marine Sponge <i>Axinella</i> sp. Using a Newly Developed Cell Purification Protocol. <i>Marine Biotechnology</i> , 2011, 13, 868-882.	2.4	22
115	Phylogenetic diversity of Gram-positive bacteria cultured from Antarctic deep-sea sponges. <i>Polar Biology</i> , 2011, 34, 1501-1512.	1.2	31
116	Increased lipid production of the marine oleaginous microalgae <i>Isochrysis zhangjiangensis</i> (Chrysophyta) by nitrogen supplement. <i>Bioresource Technology</i> , 2011, 102, 6710-6716.	9.6	181
117	Isolation, characterization and identification of a <i>Paracoccus</i> sp. 2-haloacid-degrading bacterium from the marine sponge <i>Hymeniacion perlevis</i> . <i>Journal of Basic Microbiology</i> , 2011, 51, 318-324.	3.3	17
118	Hyper-production of ¹³ C-labeled trans-resveratrol in <i>Vitis vinifera</i> suspension cell culture by elicitation and in situ adsorption. <i>Biochemical Engineering Journal</i> , 2011, 53, 292-296.	3.6	25
119	Effects of nutrient deprivation on biochemical compositions and photo-hydrogen production of <i>Tetraselmis subcordiformis</i> . <i>International Journal of Hydrogen Energy</i> , 2011, 36, 5817-5821.	7.1	44
120	Purification and characterization of a hydrogenase from the marine green alga <i>Tetraselmis subcordiformis</i> . <i>Process Biochemistry</i> , 2011, 46, 1212-1215.	3.7	9
121	Abietane diterpenoids synthesized by suspension-cultured cells of <i>Cephalotaxus fortunei</i> . <i>Phytochemistry Letters</i> , 2011, 4, 52-55.	1.2	12
122	Experimental silicon demand by the sponge <i>Hymeniacion perlevis</i> reveals chronic limitation in field populations. , 2011, , 251-257.		0
123	Characterization of anthocyanic vacuolar inclusions in <i>Vitis vinifera</i> L. cell suspension cultures. <i>Planta</i> , 2010, 231, 1343-1360.	3.2	55
124	Bioremediation of bacteria pollution using the marine sponge <i>Hymeniacion perlevis</i> in the intensive mariculture water system of turbot <i>Scophthalmus maximus</i> . <i>Biotechnology and Bioengineering</i> , 2010, 105, 59-68.	3.3	26
125	Preparative separation of major xanthenes from mangosteen pericarp using high-performance centrifugal partition chromatography. <i>Journal of Separation Science</i> , 2010, 33, 1274-1278.	2.5	12
126	A type of characteristic peroxisome in the spherulous cells of the marine sponge <i>Axinella</i> sp.. <i>Journal of Biotechnology</i> , 2010, 150, 130-130.	3.8	0

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127	Characterization of hydrogen production by <i>Platymonas Subcordiformis</i> in torus photobioreactor. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 7200-7205.	7.1	35
128	Selective feeding by sponges on pathogenic microbes: a reassessment of potential for abatement of microbial pollution. <i>Marine Ecology - Progress Series</i> , 2010, 403, 75-89.	1.9	57
129	Effects of Calcium and Vanadium Ions on the Epoxidation of Cyclohexene with H ₂ O ₂ ; Catalyzed by Vanadium Bromoperoxidase. <i>Chinese Journal of Catalysis</i> , 2010, 31, 1293-1299.	14.0	0
130	Special section on Biotechnology for the Sustainability of Human Society. <i>Biotechnology Advances</i> , 2009, 27, 939.	11.7	0
131	Growth and Survival of Early Juveniles of the Marine Sponge <i>Hymeniacidon perlevis</i> (Demospongiae) Under Controlled Conditions. <i>Marine Biotechnology</i> , 2009, 11, 640-649.	2.4	16
132	Optimization and scale-up of a new photobleaching agar extraction process from <i>Gracilaria lemaneiformis</i> . <i>Journal of Applied Phycology</i> , 2009, 21, 247-254.	2.8	25
133	13th International Biotechnology Symposium and Exhibition: Biotechnology for the Sustainability of Human Society. <i>Biotechnology Letters</i> , 2009, 31, 1313-1314.	2.2	0
134	Industrial biotechnology: Current status and future development for the sustainability of human society. <i>Journal of Biotechnology</i> , 2009, 144, 1-2.	3.8	1
135	Larval release and settlement of the marine sponge <i>Hymeniacidon perlevis</i> (Porifera, Demospongiae) under controlled laboratory conditions. <i>Aquaculture</i> , 2009, 290, 132-139.	3.5	10
136	A comparative study on the phylogenetic diversity of culturable actinobacteria isolated from five marine sponge species. <i>Antonie Van Leeuwenhoek</i> , 2008, 93, 241-248.	1.7	67
137	Culture-independent nested PCR method reveals high diversity of actinobacteria associated with the marine sponges <i>Hymeniacidon perleve</i> and <i>Sponge sp.</i> . <i>Antonie Van Leeuwenhoek</i> , 2008, 94, 533-542.	1.7	25
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