

Hongsheng Yang

List of Publications by Year in descending order

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117625

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docs citations

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times ranked

2719
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#	ARTICLE	IF	CITATIONS
1	Existence of microplastics in the edible part of the sea cucumber <i>Apostichopus japonicus</i> . <i>Chemosphere</i> , 2022, 287, 132062.	8.2	14
2	Association of heavy metals with plastics used in aquaculture. <i>Marine Pollution Bulletin</i> , 2022, 174, 113312.	5.0	8
3	Landscape and dynamics of accessible chromatin during pigmentation process in green, white and purple sea cucumber <i>Apostichopus japonicus</i> . <i>Aquaculture Reports</i> , 2022, 23, 101040.	1.7	1
4	Construction of a High-Density Genetic Linkage Map for the Mapping of QTL Associated with Growth-Related Traits in Sea Cucumber (<i>Apostichopus japonicus</i>). <i>Biology</i> , 2022, 11, 50.	2.8	10
5	Eco-friendly method for rearing sea cucumber (<i>Apostichopus japonicus</i>) larvae. <i>Aquaculture Research</i> , 2022, 53, 3759-3766.	1.8	3
6	Partial function prediction of sulfate-reducing bacterial community from the rhizospheres of two typical coastal wetland plants in China. <i>Journal of Oceanology and Limnology</i> , 2021, 39, 185-197.	1.3	2
7	Sea cucumbers in a high temperature and low dissolved oxygen world: Roles of miRNAs in the regulation of environmental stresses. <i>Environmental Pollution</i> , 2021, 268, 115509.	7.5	11
8	Estimating animal population size with very high-resolution satellite imagery. <i>Conservation Biology</i> , 2021, 35, 316-324.	4.7	6
9	Behaviour and ecology. , 2021, , 37-60.		3
10	Effect of chronic exposure to microplastic fibre ingestion in the sea cucumber <i>Apostichopus japonicus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111794.	6.0	24
11	Comparative metabolomic analysis of the body wall from four varieties of the sea cucumber <i>Apostichopus japonicus</i> . <i>Food Chemistry</i> , 2021, 352, 129339.	8.2	26
12	Mechanism underlying the toxicity of the microplastic fibre transfer in the sea cucumber <i>Apostichopus japonicus</i> . <i>Journal of Hazardous Materials</i> , 2021, 416, 125858.	12.4	10
13	Metabolomic analysis of white, green and purple morphs of sea cucumber <i>Apostichopus japonicus</i> during body color pigmentation process. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 39, 100827.	1.0	10
14	Plasticity of Locomotor Activity Permits Energy Homeostasis During Reproduction in a Female Sea Cucumber. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	2
15	Emerging roles of circRNAs in regulating thermal and hypoxic stresses in <i>Apostichopus japonicus</i> (Echinodermata: Holothuroidea). <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 112994.	6.0	5
16	Microplastic fibers transfer from the water to the internal fluid of the sea cucumber <i>Apostichopus japonicus</i> . <i>Environmental Pollution</i> , 2020, 257, 113606.	7.5	40
17	The regulation mechanism of lncRNAs and mRNAs in sea cucumbers under global climate changes: Defense against thermal and hypoxic stresses. <i>Science of the Total Environment</i> , 2020, 709, 136045.	8.0	21
18	Quantitative microbiome profiling links microbial community variation to the intestine regeneration rate of the sea cucumber <i>Apostichopus japonicus</i> . <i>Genomics</i> , 2020, 112, 5012-5020.	2.9	8

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19	A deposit-feeder sea cucumber also ingests suspended particles through the mouth. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	3
20	Effects of different flow velocities on behavior and TRPA1 expression in the sea cucumber <i>Apostichopus japonicas</i> . <i>Journal of Oceanology and Limnology</i> , 2020, 38, 1328-1340.	1.3	4
21	The Effect of Pedal Peptide-Type Neuropeptide on Locomotor Behavior and Muscle Physiology in the Sea Cucumber <i>Apostichopus japonicus</i> . <i>Frontiers in Physiology</i> , 2020, 11, 559348.	2.8	8
22	Behavioural response of different epithelial tissues of sea cucumber (<i>Apostichopus japonicus</i>) to light and differential expression of the light-related gene <i>Pax6</i> . <i>Marine and Freshwater Behaviour and Physiology</i> , 2020, 53, 73-85.	0.9	5
23	Transcriptome analysis of phototransduction-related genes in tentacles of the sea cucumber <i>Apostichopus japonicus</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 34, 100675.	1.0	5
24	Plasticity of Respiratory Function Accommodates High Oxygen Demand in Breeding Sea Cucumbers. <i>Frontiers in Physiology</i> , 2020, 11, 283.	2.8	4
25	Quality evaluation of indoor and outdoor cultured sea cucumber (<i>Apostichopus japonicus</i>) seedlings: Insight from survival and immune performance in response to combined stress of hyperthermia and hyposalinity. <i>Aquaculture Research</i> , 2019, 50, 3673-3683.	1.8	2
26	Time course analysis of immunity-related gene expression in the sea cucumber <i>Apostichopus japonicus</i> during exposure to thermal and hypoxic stress. <i>Fish and Shellfish Immunology</i> , 2019, 95, 383-390.	3.6	21
27	Genomic and Metagenomic Insights Into the Microbial Community in the Regenerating Intestine of the Sea Cucumber <i>Apostichopus japonicus</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1165.	3.5	22
28	Time-series response of immune enzymes and catecholamines in juvenile sea cucumber <i>Apostichopus japonicus</i> during long-term live transport. <i>Aquaculture Research</i> , 2019, 50, 2117-2124.	1.8	2
29	Heavy metals in sediment, microplastic and sea cucumber <i>Apostichopus japonicus</i> from farms in China. <i>Marine Pollution Bulletin</i> , 2019, 143, 42-49.	5.0	89
30	Changes in key enzyme activities and metabolites during in vitro maturation of <i>Apostichopus japonicus</i> oocyte under desiccation stress. <i>Aquaculture Research</i> , 2019, 50, 400-411.	1.8	0
31	The Effect of Melatonin on Locomotor Behavior and Muscle Physiology in the Sea Cucumber <i>Apostichopus japonicus</i> . <i>Frontiers in Physiology</i> , 2019, 10, 221.	2.8	18
32	Effects of artificial reefs on the meiofaunal community and benthic environment - A case study in Bohai Sea, China. <i>Marine Pollution Bulletin</i> , 2019, 140, 179-187.	5.0	22
33	Transcriptome analysis provides insights into the molecular mechanisms responsible for evisceration behavior in the sea cucumber <i>Apostichopus japonicus</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 30, 143-157.	1.0	13
34	Global-warming-caused changes of temperature and oxygen alter the proteomic profile of sea cucumber <i>Apostichopus japonicus</i> . <i>Journal of Proteomics</i> , 2019, 193, 27-43.	2.4	37
35	Microplastic ingestion by the farmed sea cucumber <i>Apostichopus japonicus</i> in China. <i>Environmental Pollution</i> , 2019, 245, 1071-1078.	7.5	141
36	Development strategies for the sea cucumber industry in China. <i>Journal of Oceanology and Limnology</i> , 2019, 37, 300-312.	1.3	45

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37	Metabolome responses of the sea cucumber <i>Apostichopus japonicus</i> to multiple environmental stresses: Heat and hypoxia. <i>Marine Pollution Bulletin</i> , 2019, 138, 407-420.	5.0	56
38	Effect of water temperature on diel feeding, locomotion behaviour and digestive physiology in sea cucumber <i>Apostichopus japonicus</i> . <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	20
39	Effect of Temperature on Growth, Energy Budget, and Physiological Performance of Green, White, and Purple Color Morphs of Sea Cucumber, <i>Apostichopus japonicus</i> . <i>Journal of the World Aquaculture Society</i> , 2018, 49, 625-637.	2.4	11
40	Transcriptome analysis provides insights into the mechanism of albinism during different pigmentation stages of the albino sea cucumber <i>Apostichopus japonicus</i> . <i>Aquaculture</i> , 2018, 486, 148-160.	3.5	13
41	Effects of dietary protein levels on the activity of the digestive enzyme of albino and normal <i>Apostichopus japonicus</i> (Selenka). <i>Aquaculture Research</i> , 2018, 49, 1302-1309.	1.8	15
42	Energy budget adjustment of sea cucumber <i>Apostichopus japonicus</i> during breeding period. <i>Aquaculture Research</i> , 2018, 49, 1657-1663.	1.8	12
43	Differences in feeding, intestinal mass and metabolites between a thermotolerant strain and common <i>Apostichopus japonicus</i> under high summer temperature. <i>Aquaculture Research</i> , 2018, 49, 1957-1966.	1.8	6
44	Genome-wide analysis of gene expression profile in the respiratory tree of sea cucumber (<i>Apostichopus japonicus</i>) in response to hypoxia conditions. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2018, 98, 2039-2048.	0.8	6
45	Surface tailoring of newly developed amorphous Zn Si O thin films as electron injection/transport layer by plasma treatment: Application to inverted OLEDs and hybrid solar cells. <i>Applied Surface Science</i> , 2018, 434, 995-1000.	6.1	7
46	Differential gene expression in the intestine of sea cucumber (<i>Apostichopus japonicus</i>) under low and high salinity conditions. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2018, 25, 34-41.	1.0	12
47	Growth, histology, ultrastructure and expression of MITF and astacin in the pigmentation stages of green, white and purple morphs of the sea cucumber, <i>Apostichopus japonicus</i> . <i>Aquaculture Research</i> , 2018, 49, 177-187.	1.8	11
48	Impact of hypoxia stress on the physiological responses of sea cucumber <i>Apostichopus japonicus</i> : respiration, digestion, immunity and oxidative damage. <i>PeerJ</i> , 2018, 6, e4651.	2.0	55
49	De Novo assembly and comparative transcriptome analyses of purple and green morphs of <i>Apostichopus japonicus</i> during body wall pigmentation process. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2018, 28, 151-161.	1.0	11
50	Differential gene expression in the body wall of the sea cucumber (<i>Apostichopus japonicus</i>) under strong lighting and dark conditions. <i>Acta Oceanologica Sinica</i> , 2018, 37, 54-66.	1.0	9
51	Comparative Phospho- and Acetyl Proteomics Analysis of Posttranslational Modifications Regulating Intestine Regeneration in Sea Cucumbers. <i>Frontiers in Physiology</i> , 2018, 9, 836.	2.8	10
52	Dietary Composition and Trophic Niche Partitioning of Spotty-bellied Greenlings <i>Hexagrammos agrammus</i> , Fat Greenlings <i>H. otakii</i> , Korean Rockfish <i>Sebastes schlegelii</i> , and Japanese Seaperch <i>Lateolabrax japonicus</i> in the Yellow Sea Revealed by Stomach Content Analysis and Stable Isotope Analysis. <i>Marine and Coastal Fisheries</i> , 2018, 10, 255-268.	1.4	8
53	Understanding regulation of microRNAs on intestine regeneration in the sea cucumber <i>Apostichopus japonicus</i> using high-throughput sequencing. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2017, 22, 1-9.	1.0	17
54	Effects of dietary ascorbic acid levels on the growth, energy budget, and immunological performance of green, white, and purple color morphs of the sea cucumber, <i>Apostichopus japonicus</i> . <i>Animal Feed Science and Technology</i> , 2017, 226, 1-11.	2.2	6

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55	Metabolic responses to intestine regeneration in sea cucumbers <i>Apostichopus japonicus</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2017, 22, 32-38.	1.0	15
56	iTRAQ reveals proteomic changes during intestine regeneration in the sea cucumber <i>Apostichopus japonicus</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2017, 22, 39-49.	1.0	23
57	Comparison of pigment composition and melanin content among white, light-green, dark-green, and purple morphs of sea cucumber, <i>Apostichopus japonicus</i> . <i>Acta Oceanologica Sinica</i> , 2017, 36, 45-51.	1.0	23
58	Influence of vibration caused by sound on migration of sea cucumber <i>Apostichopus japonicus</i> . <i>Aquaculture Research</i> , 2017, 48, 5072-5082.	1.8	1
59	Efficient charge generation layer for tandem OLEDs: Bi-layered MoO ₃ /ZnO-based oxide semiconductor. <i>Organic Electronics</i> , 2017, 46, 133-138.	2.6	19
60	Growth, feed utilization and energy budgets of the sea cucumber <i>Apostichopus japonicus</i> with different diets containing the green tide macroalgae <i>Chaetomorpha linum</i> and the seagrass <i>Zostera marina</i> . <i>Aquaculture</i> , 2017, 470, 157-163.	3.5	25
61	Differential Expression of miRNAs in the Respiratory Tree of the Sea Cucumber <i>Apostichopus japonicus</i> Under Hypoxia Stress. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 3681-3692.	1.8	28
62	Reproduction affects locomotor behaviour and muscle physiology in the sea cucumber, <i>Apostichopus japonicus</i> . <i>Animal Behaviour</i> , 2017, 133, 223-228.	1.9	23
63	Extracellular matrix remodeling and matrix metalloproteinases (ajMMP-2 like and ajMMP-16 like) characterization during intestine regeneration of sea cucumber <i>Apostichopus japonicus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 212, 12-23.	1.6	27
64	Identification and expression characterization of WntA during intestinal regeneration in the sea cucumber <i>Apostichopus japonicus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 210, 55-63.	1.6	17
65	Functional groupings and food web of an artificial reef used for sea cucumber aquaculture in northern China. <i>Journal of Sea Research</i> , 2017, 119, 1-7.	1.6	19
66	The sea cucumber genome provides insights into morphological evolution and visceral regeneration. <i>PLoS Biology</i> , 2017, 15, e2003790.	5.6	202
67	IBT-based quantitative proteomics identifies potential regulatory proteins involved in pigmentation of purple sea cucumber, <i>Apostichopus japonicus</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2017, 23, 17-26.	1.0	11
68	Carbohydrate and amino acids metabolic response to heat stress in the intestine of the sea cucumber <i>Apostichopus japonicus</i> . <i>Aquaculture Research</i> , 2017, 48, 5883-5891.	1.8	29
69	Understanding the Heat Shock Response in the Sea Cucumber <i>Apostichopus japonicus</i> , Using iTRAQ-Based Proteomics. <i>International Journal of Molecular Sciences</i> , 2016, 17, 150.	4.1	45
70	Effect of stocking density on key growth traits of a fast-growing and heat-resistant strain of sea cucumber (<i>Apostichopus japonicus</i>). <i>Aquaculture Research</i> , 2016, 47, 3636-3643.	1.8	4
71	Fatty acid component in sea cucumber <i>Apostichopus japonicus</i> from different tissues and habitats. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2016, 96, 197-204.	0.8	9
72	Molecular cloning of hsf1 and hsbp1 cDNAs, and the expression of hsf1, hsbp1 and hsp70 under heat stress in the sea cucumber <i>Apostichopus japonicus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016, 198, 1-9.	1.6	11

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73	Effect of desiccation in shade on <i>in vitro</i> oocyte maturation and development of the sea cucumber <i>Apostichopus japonicus</i> (Echinodermata: Holothuroidea). <i>Invertebrate Reproduction and Development</i> , 2016, 60, 131-136.	0.8	1
74	Sea cucumber (<i>Apostichopus japonicus</i>) eukaryotic food source composition determined by 18s rDNA barcoding. <i>Marine Biology</i> , 2016, 163, 1.	1.5	13
75	Differences in immune function and metabolites between aestivating and non-aestivating <i>Apostichopus japonicus</i> . <i>Aquaculture</i> , 2016, 459, 36-42.	3.5	22
76	Aerated sea mud is beneficial for post-nursery culture of early juvenile sea cucumber <i>Apostichopus japonicus</i> (Selenka). <i>Aquaculture International</i> , 2016, 24, 211-224.	2.2	9
77	Importance of kelp-derived organic carbon to the scallop <i>Chlamys farreri</i> in an integrated multi-trophic aquaculture system. <i>Chinese Journal of Oceanology and Limnology</i> , 2016, 34, 322-329.	0.7	9
78	Effects of dietary protein levels on the growth, energy budget, and physiological and immunological performance of green, white and purple color morphs of sea cucumber, <i>Apostichopus japonicus</i> . <i>Aquaculture</i> , 2016, 450, 375-382.	3.5	37
79	Effect of high temperature stress on the fertility of male and female gametes of the sea cucumber <i>Apostichopus japonicus</i> . <i>Aquaculture Research</i> , 2016, 47, 3127-3135.	1.8	4
80	Albinism. <i>Developments in Aquaculture and Fisheries Science</i> , 2015, 39, 211-228.	1.3	0
81	Short-Term Fidelity, Habitat Use and Vertical Movement Behavior of the Black Rockfish <i>Sebastes schlegelii</i> as Determined by Acoustic Telemetry. <i>PLoS ONE</i> , 2015, 10, e0134381.	2.5	18
82	The effect of salinity on the growth, energy budget and physiological performance of green, white and purple color morphs of sea cucumber, <i>Apostichopus japonicus</i> . <i>Aquaculture</i> , 2015, 437, 297-303.	3.5	46
83	An artificial oyster-shell reef for the culture and stock enhancement of sea cucumber, <i>Apostichopus japonicus</i> , in shallow seawater. <i>Aquaculture Research</i> , 2015, 46, 2260-2269.	1.8	19
84	DNA methylation levels analysis in four tissues of sea cucumber <i>Apostichopus japonicus</i> based on fluorescence-labeled methylation-sensitive amplified polymorphism (F-MSAP) during aestivation. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015, 181, 26-32.	1.6	33
85	The application of stereo-video technology for the assessment on population change of black rockfish <i>Sebastes schlegelii</i> in a vessel reef area in Haizhou Bay, China. <i>Chinese Journal of Oceanology and Limnology</i> , 2015, 33, 107-113.	0.7	3
86	Temporal pattern in biometrics and nutrient stoichiometry of the intertidal seagrass <i>Zostera japonica</i> and its adaptation to air exposure in a temperate marine lagoon (China): Implications for restoration and management. <i>Marine Pollution Bulletin</i> , 2015, 94, 103-113.	5.0	45
87	Histological, ultrastructural and heat shock protein 70 (HSP70) responses to heat stress in the sea cucumber <i>Apostichopus japonicus</i> . <i>Fish and Shellfish Immunology</i> , 2015, 45, 321-326.	3.6	36
88	Influence of flow velocity on motor behavior of sea cucumber <i>Apostichopus japonicus</i> . <i>Physiology and Behavior</i> , 2015, 144, 52-59.	2.1	34
89	Feeding behavior and digestive physiology in sea cucumber <i>Apostichopus japonicus</i> . <i>Physiology and Behavior</i> , 2015, 139, 336-343.	2.1	50
90	Evaluation of body weight of sea cucumber <i>Apostichopus japonicus</i> by computer vision. <i>Chinese Journal of Oceanology and Limnology</i> , 2015, 33, 114-120.	0.7	14

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91	Restoring Eelgrass (<i>Zostera marina</i> L.) Habitats Using a Simple and Effective Transplanting Technique. PLoS ONE, 2014, 9, e92982.	2.5	33
92	Analysis of fatty acid composition of sea cucumber <i>Apostichopus japonicus</i> using multivariate statistics. Chinese Journal of Oceanology and Limnology, 2014, 32, 1314-1319.	0.7	5
93	Profiling and comparison of color body wall transcriptome of normal juvenile sea cucumber (<i>Apostichopus japonicus</i>) and those produced by crossing albino. Journal of Ocean University of China, 2014, 13, 1033-1042.	1.2	8
94	Ultrastructure developments during spermiogenesis in <i>Polydora ciliata</i> (Annelida: Spionidae), a parasite of mollusca. Journal of Ocean University of China, 2014, 13, 1071-1077.	1.2	4
95	Selection of reference genes for qRT-PCR analysis of gene expression in sea cucumber <i>Apostichopus japonicus</i> during aestivation. Chinese Journal of Oceanology and Limnology, 2014, 32, 1248-1256.	0.7	22
96	Bottom culture of the sea cucumber <i>Apostichopus japonicus</i> Selenka (Echinodermata): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	1.8	38
97	Differential gene expression in the respiratory tree of the sea cucumber <i>Apostichopus japonicus</i> during aestivation. Marine Genomics, 2014, 18, 173-183.	1.1	36
98	Temporal pattern in the bloom-forming macroalgae <i>Chaetomorpha linum</i> and <i>Ulva pertusa</i> in seagrass beds, Swan Lake lagoon, North China. Marine Pollution Bulletin, 2014, 89, 229-238.	5.0	35
99	Effects of mud substrate and water current on the behavioral characteristics and growth of the sea cucumber <i>Apostichopus japonicus</i> in the Yuehu lagoon of northern China. Aquaculture International, 2014, 22, 423-433.	2.2	22
100	Effects of an artificial oyster shell reef on macrobenthic communities in Rongcheng Bay, East China. Chinese Journal of Oceanology and Limnology, 2014, 32, 99-110.	0.7	13
101	Transcription profiling using RNA-Seq demonstrates expression differences in the body walls of juvenile albino and normal sea cucumbers <i>Apostichopus japonicus</i> . Chinese Journal of Oceanology and Limnology, 2014, 32, 34-46.	0.7	17
102	A new system for bottom co-culture of the scallop, <i>Patinopecten yessoensis</i> , with the sea cucumber, <i>Apostichopus japonicus</i> , and the sea urchin, <i>Anthocidaris crassispina</i> , in shallow water in China. Aquaculture International, 2014, 22, 1403-1415.	2.2	7
103	Effect of culture methods on individual variation in the growth of sea cucumber <i>Apostichopus japonicus</i> within a cohort and family. Chinese Journal of Oceanology and Limnology, 2014, 32, 737-742.	0.7	11
104	Effect of copper on the growth of shrimps <i>Litopenaeus vannamei</i> : water parameters and copper budget in a recirculating system. Chinese Journal of Oceanology and Limnology, 2014, 32, 1092-1104.	0.7	6
105	Comparative analysis of transcriptomes from albino and control sea cucumbers, <i>Apostichopus japonicus</i> . Acta Oceanologica Sinica, 2014, 33, 55-61.	1.0	14
106	Polymorphisms of heat shock protein 90 (Hsp90) in the sea cucumber <i>Apostichopus japonicus</i> and their association with heat-resistance. Fish and Shellfish Immunology, 2014, 41, 428-436.	3.6	23
107	Survival, growth, food availability and assimilation efficiency of the sea cucumber <i>Apostichopus japonicus</i> bottom-cultured under a fish farm in southern China. Aquaculture, 2014, 426-427, 238-248.	3.5	55
108	RNA-seq dependent transcriptional analysis unveils gene expression profile in the intestine of sea cucumber <i>Apostichopus japonicus</i> during aestivation. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2014, 10, 30-43.	1.0	28

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109	Molecular cloning of heat shock protein 10 (Hsp10) and 60 (Hsp60) cDNAs and their expression analysis under thermal stress in the sea cucumber <i>Apostichopus japonicus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014, 171, 49-57.	1.6	34
110	Biologically Induced Deposition of Fine Suspended Particles by Filter-Feeding Bivalves in Land-Based Industrial Marine Aquaculture Wastewater. <i>PLoS ONE</i> , 2014, 9, e107798.	2.5	11
111	A comparison of the effects of light intensity on movement and growth of albino and normal sea cucumbers (<i>Apostichopus japonicus</i> Selenka). <i>Marine and Freshwater Behaviour and Physiology</i> , 2013, 46, 351-366.	0.9	14
112	Effects of food processing method on digestibility and energy budget of <i>Apostichopus japonicus</i> . <i>Aquaculture</i> , 2013, 384-387, 128-133.	3.5	16
113	Impacts of temperature on the scavenging efficiency by the deposit-feeding holothurian <i>Apostichopus japonicus</i> on a simulated organic pollutant in the bivalve macroalgae polyculture from the perspective of nutrient budgets. <i>Aquaculture</i> , 2013, 406-407, 97-104.	3.5	16
114	Molecular cloning and expression-profile analysis of sea cucumber DNA (Cytosine-5)-methyltransferase 1 and methyl-CpG binding domain type 2/3 genes during aestivation. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2013, 165, 26-35.	1.6	12
115	RNA-Seq Reveals Dynamic Changes of Gene Expression in Key Stages of Intestine Regeneration in the Sea Cucumber <i>Apostichopus japonicus</i> . <i>PLoS ONE</i> , 2013, 8, e69441.	2.5	53
116	Eelgrass Detritus as a Food Source for the Sea Cucumber <i>Apostichopus japonicus</i> Selenka (Echinodermata: Holothuroidea) in Coastal Waters of North China: An Experimental Study in Flow-Through Systems. <i>PLoS ONE</i> , 2013, 8, e58293.	2.5	40
117	Effects of different seaweed diets on growth, digestibility, and ammonia-nitrogen production of the sea cucumber <i>Apostichopus japonicus</i> (Selenka). <i>Aquaculture</i> , 2012, 338-341, 304-308.	3.5	99
118	Feeding preferences of the sea cucumber <i>Apostichopus japonicus</i> (Selenka) on various seaweed diets. <i>Aquaculture</i> , 2012, 344-349, 205-209.	3.5	42
119	Toxic effects of benzo[a]pyrene (Bap) and Aroclor1254 on embryogenesis, larval growth, survival and metamorphosis of the bivalve <i>Meretrix meretrix</i> . <i>Ecotoxicology</i> , 2012, 21, 1617-1624.	2.4	11
120	Differences in MITF gene expression and histology between albino and normal sea cucumbers (<i>Apostichopus japonicus</i> Selenka). <i>Chinese Journal of Oceanology and Limnology</i> , 2012, 30, 80-91.	0.7	22
121	Large scale gene expression profiling during intestine and body wall regeneration in the sea cucumber <i>Apostichopus japonicus</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2011, 6, 195-205.	1.0	85
122	A new system for the culture and stock enhancement of sea cucumber, <i>Apostichopus japonicus</i> (Selenka), in cofferdams. <i>Aquaculture Research</i> , 2011, 42, 1431-1439.	1.8	20
123	Enzyme responses and lipid peroxidation in gills and hepatopancreas of clam <i>Mactra vereformis</i> , following cadmium exposure. <i>Chinese Journal of Oceanology and Limnology</i> , 2011, 29, 981-989.	0.7	18
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126	Survival, growth and immune activity of scallop <i>Chlamys farreri</i> cultured at different depths in Haizhou Bay (Yellow Sea, China) during hot season. <i>Chinese Journal of Oceanology and Limnology</i> , 2010, 28, 498-507.	0.7	3

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130	Effects of salinity on energy budget in pond-cultured sea cucumber <i>Apostichopus japonicus</i> (Selenka) (Echinodermata: Holothuroidea). <i>Aquaculture</i> , 2010, 306, 348-351.	3.5	56
131	Analysis of metallothionein expression and antioxidant enzyme activities in <i>Meretrix meretrix</i> larvae under sublethal cadmium exposure. <i>Aquatic Toxicology</i> , 2010, 100, 321-328.	4.0	23
132	Potential of the seaweed <i>Gracilaria lemaneiformis</i> for integrated multi-trophic aquaculture with scallop <i>Chlamys farreri</i> in North China. <i>Journal of Applied Phycology</i> , 2009, 21, 649-656.	2.8	77
133	Toxicity of lead, cadmium and mercury on embryogenesis, survival, growth and metamorphosis of <i>Meretrix meretrix</i> larvae. <i>Ecotoxicology</i> , 2009, 18, 829-837.	2.4	43
134	Effect of water temperature on digestive enzyme activity and gut mass in sea cucumber <i>Apostichopus japonicus</i> (Selenka), with special reference to aestivation. <i>Chinese Journal of Oceanology and Limnology</i> , 2009, 27, 714-722.	0.7	56
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138	Immune condition of <i>Apostichopus japonicus</i> during aestivation. <i>Aquaculture</i> , 2008, 285, 238-243.	3.5	45
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140	Immune condition of <i>Chlamys farreri</i> in response to acute temperature challenge. <i>Aquaculture</i> , 2007, 271, 479-487.	3.5	100
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142	Seasonal variation in metabolism of cultured Pacific oyster, <i>Crassostrea gigas</i> , in Sanggou Bay, China. <i>Aquaculture</i> , 2006, 253, 322-333.	3.5	86
143	Bioremediation potential of the macroalga <i>Gracilaria lemaneiformis</i> (Rhodophyta) integrated into fed fish culture in coastal waters of north China. <i>Aquaculture</i> , 2006, 252, 264-276.	3.5	204
144	The influence of diets containing dried bivalve feces and/or powdered algae on growth and energy distribution in sea cucumber <i>Apostichopus japonicus</i> (Selenka) (Echinodermata: Holothuroidea). <i>Aquaculture</i> , 2006, 256, 457-467.	3.5	148

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147	Density-dependent effects on seston dynamics and rates of filtering and biodeposition of the suspension-cultured scallop <i>Chlamys farreri</i> in a eutrophic bay (northern China): An experimental study in semi-in situ flow-through systems. <i>Journal of Marine Systems</i> , 2006, 59, 143-158.	2.1	32
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