Hongsheng Yang

List of Publications by Year
in descending order

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150	4,678	117625	133252
papers	citations	34 h-index	59 g-index

150	150	150	2719
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioremediation potential of the macroalga Gracilaria lemaneiformis (Rhodophyta) integrated into fed fish culture in coastal waters of north China. Aquaculture, 2006, 252, 264-276.	3.5	204
2	The sea cucumber genome provides insights into morphological evolution and visceral regeneration. PLoS Biology, 2017, 15, e2003790.	5.6	202
3	Effects of body size and water temperature on food consumption and growth in the sea cucumber Apostichopus japonicus (Selenka) with special reference to aestivation. Aquaculture Research, 2005, 36, 1085-1092.	1.8	188
4	Studies on mass summer mortality of cultured zhikong scallops (Chlamys farreri Jones et Preston) in China. Aquaculture, 2005, 250, 602-615.	3.5	150
5	Feeding and growth on bivalve biodeposits by the deposit feeder Stichopus japonicus Selenka (Echinodermata: Holothuroidea) co-cultured in lantern nets. Aquaculture, 2006, 256, 510-520.	3.5	149
6	The influence of diets containing dried bivalve feces and/or powdered algae on growth and energy distribution in sea cucumber Apostichopus japonicus (Selenka) (Echinodermata: Holothuroidea). Aquaculture, 2006, 256, 457-467.	3.5	148
7	Effects of acute temperature or salinity stress on the immune response in sea cucumber, Apostichopus japonicus. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 151, 491-498.	1.8	147
8	Microplastic ingestion by the farmed sea cucumber Apostichopus japonicus in China. Environmental Pollution, 2019, 245, 1071-1078.	7.5	141
9	Metabolic characteristics of sea cucumber Apostichopus japonicus (Selenka) during aestivation. Journal of Experimental Marine Biology and Ecology, 2006, 330, 505-510.	1.5	140
10	Immune condition of Chlamys farreri in response to acute temperature challenge. Aquaculture, 2007, 271, 479-487.	3.5	100
11	Effects of different seaweed diets on growth, digestibility, and ammonia-nitrogen production of the sea cucumber Apostichopus japonicus (Selenka). Aquaculture, 2012, 338-341, 304-308.	3.5	99
12	Heavy metals in sediment, microplastic and sea cucumber Apostichopus japonicus from farms in China. Marine Pollution Bulletin, 2019, 143, 42-49.	5.0	89
13	Seasonal variation in metabolism of cultured Pacific oyster, Crassostrea gigas, in Sanggou Bay, China. Aquaculture, 2006, 253, 322-333.	3.5	86
14	Large scale gene expression profiling during intestine and body wall regeneration in the sea cucumber Apostichopus japonicus. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2011, 6, 195-205.	1.0	85
15	Potential of the seaweed Gracilaria lemaneiformis for integrated multi-trophic aquaculture with scallop Chlamys farreri in North China. Journal of Applied Phycology, 2009, 21, 649-656.	2.8	77
16	Effects of aestivation on the energy budget of sea cucumber Apostichopus japonicus (Selenka) (Echinodermata: Holothuroidea). Acta Ecologica Sinica, 2007, 27, 3155-3161.	1.9	57
17	Effect of water temperature on digestive enzyme activity and gut mass in sea cucumber Apostichopus japonicus (Selenka), with special reference to aestivation. Chinese Journal of Oceanology and Limnology, 2009, 27, 714-722.	0.7	56
18	Effects of salinity on energy budget in pond-cultured sea cucumber Apostichopus japonicus (Selenka) (Echinodermata: Holothuroidea). Aquaculture, 2010, 306, 348-351.	3.5	56

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19	Metabolome responses of the sea cucumber Apostichopus japonicus to multiple environmental stresses: Heat and hypoxia. Marine Pollution Bulletin, 2019, 138, 407-420.	5.0	56
20	Survival, growth, food availability and assimilation efficiency of the sea cucumber Apostichopus japonicus bottom-cultured under a fish farm in southern China. Aquaculture, 2014, 426-427, 238-248.	3.5	55
21	Impact of hypoxia stress on the physiological responses of sea cucumber Apostichopus japonicus: respiration, digestion, immunity and oxidative damage. PeerJ, 2018, 6, e4651.	2.0	55
22	RNA-Seq Reveals Dynamic Changes of Gene Expression in Key Stages of Intestine Regeneration in the Sea Cucumber Apostichopus japonicas. PLoS ONE, 2013, 8, e69441.	2.5	53
23	Feeding behavior and digestive physiology in sea cucumber Apostichopus japonicus. Physiology and Behavior, 2015, 139, 336-343.	2.1	50
24	Growth characters and photosynthetic capacity of Gracilaria lemaneiformis as a biofilter in a shellfish farming area in Sanggou Bay, China. Journal of Applied Phycology, 2005, 17, 199-206.	2.8	48
25	The effect of salinity on the growth, energy budget and physiological performance of green, white and purple color morphs of sea cucumber, Apostichopus japonicus. Aquaculture, 2015, 437, 297-303.	3.5	46
26	Immune condition of Apostichopus japonicus during aestivation. Aquaculture, 2008, 285, 238-243.	3.5	45
27	Temporal pattern in biometrics and nutrient stoichiometry of the intertidal seagrass Zostera japonica and its adaptation to air exposure in a temperate marine lagoon (China): Implications for restoration and management. Marine Pollution Bulletin, 2015, 94, 103-113.	5.0	45
28	Understanding the Heat Shock Response in the Sea Cucumber Apostichopus japonicus, Using iTRAQ-Based Proteomics. International Journal of Molecular Sciences, 2016, 17, 150.	4.1	45
29	Development strategies for the sea cucumber industry in China. Journal of Oceanology and Limnology, 2019, 37, 300-312.	1.3	45
30	Toxicity of lead, cadmium and mercury on embryogenesis, survival, growth and metamorphosis of Meretrix meretrix larvae. Ecotoxicology, 2009, 18, 829-837.	2.4	43
31	Feeding preferences of the sea cucumber Apostichopus japonicus (Selenka) on various seaweed diets. Aquaculture, 2012, 344-349, 205-209.	3.5	42
32	Eelgrass Detritus as a Food Source for the Sea Cucumber Apostichopus japonicus Selenka (Echinidermata: Holothuroidea) in Coastal Waters of North China: An Experimental Study in Flow-Through Systems. PLoS ONE, 2013, 8, e58293.	2.5	40
33	Microplastic fibers transfer from the water to the internal fluid of the sea cucumber Apostichopus japonicus. Environmental Pollution, 2020, 257, 113606.	7.5	40
34	Bottom culture of the sea cucumberApostichopus japonicusSelenka (Echinodermata:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	1.8	38
35	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, Apostichopus japonicus. Aquaculture, 2016, 450, 375-382.	3.5	37
36	Global-warming-caused changes of temperature and oxygen alter the proteomic profile of sea cucumber Apostichopus japonicus. Journal of Proteomics, 2019, 193, 27-43.	2.4	37

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37	Differential gene expression in the respiratory tree of the sea cucumber Apostichopus japonicus during aestivation. Marine Genomics, 2014, 18, 173-183.	1.1	36
38	Histological, ultrastructural and heat shock protein 70 (HSP70) responses to heat stress in the sea cucumber Apostichopus japonicus. Fish and Shellfish Immunology, 2015, 45, 321-326.	3.6	36
39	Catecholaminergic responses to environmental stress in the hemolymph of zhikong scallop Chlamys farreri. Journal of Experimental Zoology, 2008, 309A, 289-296.	1.2	35
40	Temporal pattern in the bloom-forming macroalgae Chaetomorpha linum and Ulva pertusa in seagrass beds, Swan Lake lagoon, North China. Marine Pollution Bulletin, 2014, 89, 229-238.	5.0	35
41	The molecular characterization and expression of heat shock protein 90 (Hsp90) and 26 (Hsp26) cDNAs in sea cucumber (Apostichopus japonicus). Cell Stress and Chaperones, 2011, 16, 481-493.	2.9	34
42	Molecular cloning of heat shock protein 10 (Hsp10) and 60 (Hsp60) cDNAs and their expression analysis under thermal stress in the sea cucumber Apostichopus japonicus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2014, 171, 49-57.	1.6	34
43	Influence of flow velocity on motor behavior of sea cucumber Apostichopus japonicus. Physiology and Behavior, 2015, 144, 52-59.	2.1	34
44	Bioenergetic responses of sub-adult sea cucumber Apostichopus japonicus (Selenka) (Echinodermata:) Tj ETQq0 0 0 rgBT /Overlock 10 T in China. Journal of Thermal Biology, 2009, 34, 315-319.	2.5	33
45	Restoring Eelgrass (Zostera marina L.) Habitats Using a Simple and Effective Transplanting Technique. PLoS ONE, 2014, 9, e92982.	2.5	33
46	DNA methylation levels analysis in four tissues of sea cucumber Apostichopus japonicus based on fluorescence-labeled methylation-sensitive amplified polymorphism (F-MSAP) during aestivation. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2015, 181, 26-32.	1.6	33
47	Density-dependent effects on seston dynamics and rates of filtering and biodeposition of the suspension-cultured scallop Chlamys farreri in a eutrophic bay (northern China): An experimental study in semi-in situ flow-through systems. Journal of Marine Systems, 2006, 59, 143-158.	2.1	32
48	Phenotypic plasticity of gut structure and function during periods of inactivity in Apostichopus japonicus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 150, 255-262.	1.6	31
49	Carbohydrate and amino acids metabolic response to heat stress in the intestine of the sea cucumberApostichopus japonicus. Aquaculture Research, 2017, 48, 5883-5891.	1.8	29
50	RNA-seq dependent transcriptional analysis unveils gene expression profile in the intestine of sea cucumber Apostichopus japonicus during aestivation. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2014, 10, 30-43.	1.0	28
51	Differential Expression of miRNAs in the Respiratory Tree of the Sea Cucumber Apostichopus japonicus Under Hypoxia Stress. G3: Genes, Genomes, Genetics, 2017, 7, 3681-3692.	1.8	28
52	Extracellular matrix remodeling and matrix metalloproteinases (ajMMP-2 like and ajMMP-16 like) characterization during intestine regeneration of sea cucumber Apostichopus japonicus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2017, 212, 12-23.	1.6	27
53	Investigation of heavy metals in sediments and Manila clams Ruditapes philippinarum from Jiaozhou Bay, China. Environmental Monitoring and Assessment, 2010, 170, 631-643.	2.7	26
54	Comparative metabolomic analysis of the body wall from four varieties of the sea cucumber Apostichopus japonicus. Food Chemistry, 2021, 352, 129339.	8.2	26

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55	Growth, feed utilization and energy budgets of the sea cucumber Apostichopus japonicus with different diets containing the green tide macroalgae Chaetomorpha linum and the seagrass Zostera marina. Aquaculture, 2017, 470, 157-163.	3.5	25
56	Transcriptional changes in epigenetic modifiers associated with gene silencing in the intestine of the sea cucumber, Apostichopus japonicus (Selenka), during aestivation. Chinese Journal of Oceanology and Limnology, 2011, 29, 1267-1274.	0.7	24
57	Effect of chronic exposure to microplastic fibre ingestion in the sea cucumber Apostichopus japonicus. Ecotoxicology and Environmental Safety, 2021, 209, 111794.	6.0	24
58	Analysis of metallotionein expression and antioxidant enzyme activities in Meretrix meretrix larvae under sublethal cadmium exposure. Aquatic Toxicology, 2010, 100, 321-328.	4.0	23
59	Polymorphisms of heat shock protein 90 (Hsp90) in the sea cucumber Apostichopus japonicus and their association with heat-resistance. Fish and Shellfish Immunology, 2014, 41, 428-436.	3.6	23
60	iTRAQ reveals proteomic changes during intestine regeneration in the sea cucumber Apostichopus japonicus. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2017, 22, 39-49.	1.0	23
61	Comparison of pigment composition and melanin content among white, light-green, dark-green, and purple morphs of sea cucumber, Apostichopus japonicus. Acta Oceanologica Sinica, 2017, 36, 45-51.	1.0	23
62	Reproduction affects locomotor behaviour and muscle physiology in the sea cucumber, Apostichopus japonicus. Animal Behaviour, 2017, 133, 223-228.	1.9	23
63	Differences in MITF gene expression and histology between albino and normal sea cucumbers (Apostichopus japonicus Selenka). Chinese Journal of Oceanology and Limnology, 2012, 30, 80-91.	0.7	22
64	Selection of reference genes for qRT-PCR analysis of gene expression in sea cucumber Apostichopus japonicus during aestivation. Chinese Journal of Oceanology and Limnology, 2014, 32, 1248-1256.	0.7	22
65	Effects of mud substrate and water current on the behavioral characteristics and growth of the sea cucumber Apostichopus japonicus in the Yuehu lagoon of northern China. Aquaculture International, 2014, 22, 423-433.	2.2	22
66	Differences in immune function and metabolites between aestivating and non-aestivating Apostichopus japonicus. Aquaculture, 2016, 459, 36-42.	3.5	22
67	Genomic and Metagenomic Insights Into the Microbial Community in the Regenerating Intestine of the Sea Cucumber Apostichopus japonicus. Frontiers in Microbiology, 2019, 10, 1165.	3.5	22
68	Effects of artificial reefs on the meiofaunal community and benthic environment - A case study in Bohai Sea, China. Marine Pollution Bulletin, 2019, 140, 179-187.	5.0	22
69	Time course analysis of immunity-related gene expression in the sea cucumber Apostichopus japonicus during exposure to thermal and hypoxic stress. Fish and Shellfish Immunology, 2019, 95, 383-390.	3.6	21
70	The regulation mechanism of lncRNAs and mRNAs in sea cucumbers under global climate changes: Defense against thermal and hypoxic stresses. Science of the Total Environment, 2020, 709, 136045.	8.0	21
71	A new system for the culture and stock enhancement of sea cucumber, Apostichopus japonicus (Selenka),in cofferdams. Aquaculture Research, 2011, 42, 1431-1439.	1.8	20
72	Effect of water temperature on diel feeding, locomotion behaviour and digestive physiology in sea cucumber Apostichopus japonicus. Journal of Experimental Biology, 2018, 221, .	1.7	20

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73	An artificial oyster-shell reef for the culture and stock enhancement of sea cucumber,Apostichopus japonicus, in shallow seawater. Aquaculture Research, 2015, 46, 2260-2269.	1.8	19
74	Efficient charge generation layer for tandem OLEDs: Bi-layered MoO3/ZnO-based oxide semiconductor. Organic Electronics, 2017, 46, 133-138.	2.6	19
75	Functional groupings and food web of an artificial reef used for sea cucumber aquaculture in northern China. Journal of Sea Research, 2017, 119, 1-7.	1.6	19
76	Enzyme responses and lipid peroxidation in gills and hepatopancreas of clam Mactra vereformis, following cadmium exposure. Chinese Journal of Oceanology and Limnology, 2011, 29, 981-989.	0.7	18
77	Short-Term Fidelity, Habitat Use and Vertical Movement Behavior of the Black Rockfish Sebastes schlegelii as Determined by Acoustic Telemetry. PLoS ONE, 2015, 10, e0134381.	2.5	18
78	The Effect of Melatonin on Locomotor Behavior and Muscle Physiology in the Sea Cucumber Apostichopus japonicus. Frontiers in Physiology, 2019, 10, 221.	2.8	18
79	Transcription profiling using RNA-Seq demonstrates expression differences in the body walls of juvenile albino and normal sea cucumbers Apostichopus japonicus. Chinese Journal of Oceanology and Limnology, 2014, 32, 34-46.	0.7	17
80	Understanding regulation of microRNAs on intestine regeneration in the sea cucumber Apostichopus japonicus using high-throughput sequencing. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2017, 22, 1-9.	1.0	17
81	Identification and expression characterization of WntA during intestinal regeneration in the sea cucumber Apostichopus japonicus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2017, 210, 55-63.	1.6	17
82	Effects of food processing method on digestibility and energy budget of Apostichopus japonicus. Aquaculture, 2013, 384-387, 128-133.	3.5	16
83	Impacts of temperature on the scavenging efficiency by the deposit-feeding holothurian Apostichopus japonicus on a simulated organic pollutant in the bivalveâ€“macroalage polyculture from the perspective of nutrient budgets. Aquaculture, 2013, 406-407, 97-104.	3.5	16
84	Metabolic responses to intestine regeneration in sea cucumbers Apostichopus japonicus. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2017, 22, 32-38.	1.0	15
85	Effects of dietary protein levels on the activity of the digestive enzyme of albino and normal Apostichopus japonicus (Selenka). Aquaculture Research, 2018, 49, 1302-1309.	1.8	15
86	Effects of rearing temperature and density on growth, survival and development of sea cucumber larvae, Apostichopus japonicus (Selenka). Chinese Journal of Oceanology and Limnology, 2010, 28, 842-848.	0.7	14
87	A comparison of the effects of light intensity on movement and growth of albino and normal sea cucumbers (Apostichopus japonicusSelenka). Marine and Freshwater Behaviour and Physiology, 2013, 46, 351-366.	0.9	14
88	Comparative analysis of transcriptomes from albino and control sea cucumbers, Apostichopus japonicus. Acta Oceanologica Sinica, 2014, 33, 55-61.	1.0	14
89	Evaluation of body weight of sea cucumber Apostichopus japonicus by computer vision. Chinese Journal of Oceanology and Limnology, 2015, 33, 114-120.	0.7	14
90	Existence of microplastics in the edible part of the sea cucumber Apostichopus japonicus. Chemosphere, 2022, 287, 132062.	8.2	14

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91	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
92	Sea cucumber (Apostichopus japonicus) eukaryotic food source composition determined by 18s rDNA barcoding. Marine Biology, 2016, 163, 1.	1.5	13
93	Transcriptome analysis provides insights into the mechanism of albinism during different pigmentation stages of the albino sea cucumber Apostichopus japonicus. Aquaculture, 2018, 486, 148-160.	3.5	13
94	Transcriptome analysis provides insights into the molecular mechanisms responsible for evisceration behavior in the sea cucumber Apostichopus japonicus. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2019, 30, 143-157.	1.0	13
95	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. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2013, 165, 26-35.	1.6	12
96	Energy budget adjustment of sea cucumber Apostichopus japonicus during breeding period. Aquaculture Research, 2018, 49, 1657-1663.	1.8	12
97	Differential gene expression in the intestine of sea cucumber (Apostichopus japonicus) under low and high salinity conditions. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2018, 25, 34-41.	1.0	12
98	Toxic effects of benzo[a]pyrene (Bap) and Aroclor1254 on embryogenesis, larval growth, survival and metamorphosis of the bivalve Meretrix meretrix. Ecotoxicology, 2012, 21, 1617-1624.	2.4	11
99	Effect of culture methods on individual variation in the growth of sea cucumber Apostichopus japonicus within a cohort and family. Chinese Journal of Oceanology and Limnology, 2014, 32, 737-742.	0.7	11
100	Molecular cloning of hsf1 and hsbp1 cDNAs, and the expression of hsf1, hsbp1 and hsp70 under heat stress in the sea cucumber Apostichopus japonicus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 198, 1-9.	1.6	11
101	Effect of Temperature on Growth, Energy Budget, and Physiological Performance of Green, White, and Purple Color Morphs of Sea Cucumber, Apostichopus japonicus. Journal of the World Aquaculture Society, 2018, 49, 625-637.	2.4	11
102	Growth, histology, ultrastructure and expression of MITF and astacin in the pigmentation stages of green, white and purple morphs of the sea cucumber,Apostichopus japonicus. Aquaculture Research, 2018, 49, 177-187.	1.8	11
103	De Novo assembly and comparative transcriptome analyses of purple and green morphs of Apostichopus japonicus during body wall pigmentation process. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2018, 28, 151-161.	1.0	11
104	Sea cucumbers in a high temperature and low dissolved oxygen world: Roles of miRNAs in the regulation of environmental stresses. Environmental Pollution, 2021, 268, 115509.	7.5	11
105	IBT-based quantitative proteomics identifies potential regulatory proteins involved in pigmentation of purple sea cucumber, Apostichopus japonicus. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2017, 23, 17-26.	1.0	11
106	Biologically Induced Deposition of Fine Suspended Particles by Filter-Feeding Bivalves in Land-Based Industrial Marine Aquaculture Wastewater. PLoS ONE, 2014, 9, e107798.	2.5	11
107	Comparative Phospho- and Acetyl Proteomics Analysis of Posttranslational Modifications Regulating Intestine Regeneration in Sea Cucumbers. Frontiers in Physiology, 2018, 9, 836.	2.8	10
108	Mechanism underlying the toxicity of the microplastic fibre transfer in the sea cucumber Apostichopus japonicus. Journal of Hazardous Materials, 2021, 416, 125858.	12.4	10

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109	Metabolomic analysis of white, green and purple morphs of sea cucumber Apostichopus japonicus during body color pigmentation process. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2021, 39, 100827.	1.0	10
110	Construction of a High-Density Genetic Linkage Map for the Mapping of QTL Associated with Growth-Related Traits in Sea Cucumber (Apostichopus japonicus). Biology, 2022, 11, 50.	2.8	10
111	Fatty acid component in sea cucumber Apostichopus japonicus from different tissues and habitats. Journal of the Marine Biological Association of the United Kingdom, 2016, 96, 197-204.	0.8	9
112	Aerated sea mud is beneficial for post-nursery culture of early juvenile sea cucumber Apostichopus japonicus (Selenka). Aquaculture International, 2016, 24, 211-224.	2.2	9
113	Importance of kelp-derived organic carbon to the scallop Chlamys farreri in an integrated multi-trophic aquaculture system. Chinese Journal of Oceanology and Limnology, 2016, 34, 322-329.	0.7	9
114	Differential gene expression in the body wall of the sea cucumber (Apostichopus japonicus) under strong lighting and dark conditions. Acta Oceanologica Sinica, 2018, 37, 54-66.	1.0	9
115	Profiling and comparison of color body wall transcriptome of normal juvenile sea cucumber (Apostichopus japonicus) and those produced by crossing albino. Journal of Ocean University of China, 2014, 13, 1033-1042.	1.2	8
116	Dietary Composition and Trophic Niche Partitioning of Spottyâ€bellied Greenlings Hexagrammos agrammus, Fat Greenlings H. otakii, Korean Rockfish Sebastes schlegelii, and Japanese Seaperch Lateolabrax japonicus in the Yellow Sea Revealed by Stomach Content Analysis and Stable Isotope Analysis. Marine and Coastal Fisheries, 2018, 10, 255-268.	1.4	8
117	Quantitative microbiome profiling links microbial community variation to the intestine regeneration rate of the sea cucumber Apostichopus japonicus. Genomics, 2020, 112, 5012-5020.	2.9	8
118	The Effect of Pedal Peptide-Type Neuropeptide on Locomotor Behavior and Muscle Physiology in the Sea Cucumber Apostichopus japonicus. Frontiers in Physiology, 2020, 11, 559348.	2.8	8
119	Association of heavy metals with plastics used in aquaculture. Marine Pollution Bulletin, 2022, 174, 113312.	5.0	8
120	A new system for bottom co-culture of the scallop, Patinopecten yessoensis, with the sea cucumber, Apostichopus japonicus, and the sea urchin, Anthocidaris crassispina, in shallow water in China. Aquaculture International, 2014, 22, 1403-1415.	2.2	7
121	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. Applied Surface Science, 2018, 434, 995-1000.	6.1	7
122	Effect of copper on the growth of shrimps Litopenaeus vannamei: water parameters and copper budget in a recirculating system. Chinese Journal of Oceanology and Limnology, 2014, 32, 1092-1104.	0.7	6
123	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, Apostichopus japonicus. Animal Feed Science and Technology, 2017, 226, 1-11.	2.2	6
124	Differences in feeding, intestinal mass and metabolites between a thermotolerant strain and commonApostichopus japonicusunder high summer temperature. Aquaculture Research, 2018, 49, 1957-1966.	1.8	6
125	Genome-wide analysis of gene expression profile in the respiratory tree of sea cucumber (Apostichopus japonicus) in response to hypoxia conditions. Journal of the Marine Biological Association of the United Kingdom, 2018, 98, 2039-2048.	0.8	6
126	Estimating animal population size with very highâ€resolution satellite imagery. Conservation Biology, 2021, 35, 316-324.	4.7	6

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127	Seasonal variations in growth and clearance rate of the Zhikong scallop Chlamys farreri suspended in the deep water of Haizhou Bay, China. Aquaculture International, 2010, 18, 813-824.	2.2	5
128	Analysis of fatty acid composition of sea cucumber Apostichopus japonicus using multivariate statistics. Chinese Journal of Oceanology and Limnology, 2014, 32, 1314-1319.	0.7	5
129	Behavioural response of different epithelial tissues of sea cucumber (Apostichopus japonicus) to light and differential expression of the light-related gene Pax6. Marine and Freshwater Behaviour and Physiology, 2020, 53, 73-85.	0.9	5
130	Transcriptome analysis of phototransduction-related genes in tentacles of the sea cucumber Apostichopus japonicus. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2020, 34, 100675.	1.0	5
131	Emerging roles of circRNAs in regulating thermal and hypoxic stresses in Apostichopus japonicus (Echinodermata: Holothuroidea). Ecotoxicology and Environmental Safety, 2021, 228, 112994.	6.0	5
132	Ultrastructure developments during spermiogenesis in Polydora ciliata (Annelida: Spionidae), a parasite of mollusca. Journal of Ocean University of China, 2014, 13, 1071-1077.	1.2	4
133	Effect of stocking density on key growth traits of a fast-growing and heat-resistant strain of sea cucumber (Apostichopus japonicus). Aquaculture Research, 2016, 47, 3636-3643.	1.8	4
134	Effect of high temperature stress on the fertility of male and female gametes of the sea cucumberApostichopus japonicus. Aquaculture Research, 2016, 47, 3127-3135.	1.8	4
135	Effects of different flow velocities on behavior and TRPA1 expression in the sea cucumber Apostichopus japonicas. Journal of Oceanology and Limnology, 2020, 38, 1328-1340.	1.3	4
136	Plasticity of Respiratory Function Accommodates High Oxygen Demand in Breeding Sea Cucumbers. Frontiers in Physiology, 2020, 11, 283.	2.8	4
137	Survival, growth and immune activity of scallop Chlamys farreri cultured at different depths in Haizhou Bay (Yellow Sea, China) during hot season. Chinese Journal of Oceanology and Limnology, 2010, 28, 498-507.	0.7	3
138	The application of stereo-video technology for the assessment on population change of black rockfish Sebastes schlegeli in a vessel reef area in Haizhou Bay, China. Chinese Journal of Oceanology and Limnology, 2015, 33, 107-113.	0.7	3
139	A deposit-feeder sea cucumber also ingests suspended particles through the mouth. Journal of Experimental Biology, 2020, 223, .	1.7	3
140	Behaviour and ecology. , 2021, , 37-60.		3
141	Ecoâ€friendly method for rearing sea cucumber (Apostichopus japonicus) larvae. Aquaculture Research, 2022, 53, 3759-3766.	1.8	3
142	Quality evaluation of indoorâ€•and outdoorâ€cultured sea cucumber (Apostichopus japonicus) seedlings: Insight from survival and immune performance in response to combined stress of hyperthermia and hyposalinity. Aquaculture Research, 2019, 50, 3673-3683.	1.8	2
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