Shuang-Lin Dong

List of Publications by Year
in descending order

187	4,366	109137	174990
papers	citations	35 h-index	52 g-index

190	190	190	2879
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antenna-predominant and male-biased CSP19 of Sesamia inferens is able to bind the female sex pheromones and host plant volatiles. Gene, 2014, 536, 279-286.	1.0	156
2	Pheromone binding proteins enhance the sensitivity of olfactory receptors to sex pheromones in Chilo suppressalis. Scientific Reports, 2015, 5, 13093.	1.6	117
3	Functional characterization of SlitPBP3 in Spodoptera litura by CRISPR/Cas9 mediated genome editing. Insect Biochemistry and Molecular Biology, 2016, 75, 1-9.	1.2	117
4	Antennal Transcriptome Analysis and Comparison of Chemosensory Gene Families in Two Closely Related Noctuidae Moths, Helicoverpa armigera and H. assulta. PLoS ONE, 2015, 10, e0117054.	1.1	109
5	A Pheromone Antagonist Regulates Optimal Mating Time in the Moth Helicoverpa armigera. Current Biology, 2017, 27, 1610-1615.e3.	1.8	108
6	Effects of dietary sea mud and yellow soil on growth and energy budget of the sea cucumber Apostichopus japonicus (Selenka). Aquaculture, 2009, 286, 266-270.	1.7	94
7	Two general-odorant binding proteins in Spodoptera litura are differentially tuned to sex pheromones and plant odorants. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 180, 23-31.	0.8	88
8	Effects of dietary Bacillus cereus G19, B.Âcereus BC-01, and Paracoccus marcusii DB11 supplementation on the growth, immune response, and expression of immune-related genes in coelomocytes and intestine of the sea cucumber (Apostichopus japonicus Selenka). Fish and Shellfish Immunology, 2015, 45, 800-807.	1.6	82
9	Antennal Transcriptome Analysis of Odorant Reception Genes in the Red Turpentine Beetle (RTB), Dendroctonus valens. PLoS ONE, 2015, 10, e0125159.	1.1	81
10	Absorption of different food sources by sea cucumber Apostichopus japonicus (Selenka) (Echinodermata: Holothuroidea): Evidence from carbon stable isotope. Aquaculture, 2011, 319, 272-276.	1.7	79
11	Carbon dioxide and methane fluxes from feeding and no-feeding mariculture ponds. Environmental Pollution, 2016, 212, 489-497.	3.7	77
12	Large number of putative chemoreception and pheromone biosynthesis genes revealed by analyzing transcriptome from ovipositor-pheromone glands of Chilo suppressalis. Scientific Reports, 2015, 5, 7888.	1.6	69
13	The Molecular Basis of Host Selection in a Crucifer-Specialized Moth. Current Biology, 2020, 30, 4476-4482.e5.	1.8	67
14	Sensillar expression and responses of olfactory receptors reveal different peripheral coding in two Helicoverpa species using the same pheromone components. Scientific Reports, 2016, 6, 18742.	1.6	66
15	Genome-wide analysis of ionotropic receptor gene repertoire in Lepidoptera with an emphasis on its functions of Helicoverpa armigera. Insect Biochemistry and Molecular Biology, 2018, 99, 37-53.	1.2	63
16	Identification and Characterization of Candidate Chemosensory Gene Families from Spodoptera exigua Developmental Transcriptomes. International Journal of Biological Sciences, 2015, 11, 1036-1048.	2.6	62
17	Identification and Functional Characterization of Sex Pheromone Receptors in the Common Cutworm (Spodoptera litura). Chemical Senses, 2015, 40, 7-16.	1.1	59
18	Effects of dietary n-3 highly unsaturated fatty acids (HUFAs) on growth, fatty acid profiles, antioxidant capacity and immunity of sea cucumber Apostichopus japonicus (Selenka). Fish and Shellfish Immunology, 2016, 54, 211-219.	1.6	53

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19	Different roles suggested by sex-biased expression and pheromone binding affinity among three pheromone binding proteins in the pink rice borer, Sesamia inferens (Walker) (Lepidoptera: Noctuidae). Journal of Insect Physiology, 2014, 66, 71-79.	0.9	51
20	Different binding properties of two general-odorant binding proteins in Athetis lepigone with sex pheromones, host plant volatiles and insecticides. Pesticide Biochemistry and Physiology, 2020, 164, 173-182.	1.6	50
21	De novo assembly and transcriptome analysis of osmoregulation in Litopenaeus vannamei under three cultivated conditions with different salinities. Gene, 2016, 578, 185-193.	1.0	48
22	Molecular ecological network analysis reveals the effects of probiotics and florfenicol on intestinal microbiota homeostasis: An example of sea cucumber. Scientific Reports, 2017, 7, 4778.	1.6	48
23	Seasonal changes in food uptake by the sea cucumber Apostichopus japonicus in a farm pond: Evidence from C and N stable isotopes. Journal of Ocean University of China, 2013, 12, 160-168.	0.6	47
24	Identification of novel odorant binding protein genes and functional characterization of OBP8 in Chilo suppressalis (Walker). Gene, 2016, 591, 425-432.	1.0	46
25	CRISPR/Cas9 mediated gene knockout reveals a more important role of PBP1 than PBP2 in the perception of female sex pheromone components in Spodoptera litura. Insect Biochemistry and Molecular Biology, 2019, 115, 103244.	1.2	46
26	Effect of Clostridium butyricum in different forms on growth performance, disease resistance, expression of genes involved in immune responses and mTOR signaling pathway of Litopenaeus vannamai. Fish and Shellfish Immunology, 2019, 87, 13-21.	1.6	46
27	Intestinal microbiota and immune related genes in sea cucumber (Apostichopus japonicus) response to dietary Î²-glucan supplementation. Biochemical and Biophysical Research Communications, 2015, 458, 98-103.	1.0	45
28	Effects of temperature and salinity on oxygen consumption and ammonia excretion of juvenile miiuy croaker, Miichthys miiuy (Basilewsky). Aquaculture International, 2008, 16, 581-589.	1.1	44
29	Identification and localization of two sensory neuron membrane proteins from Spodoptera litura (Lepidoptera: Noctuidae). Insect Science, 2015, 22, 399-408.	1.5	44
30	Metabolic responses in the gills of tongue sole (Cynoglossus semilaevis) exposed to salinity stress using NMR-based metabolomics. Science of the Total Environment, 2019, 653, 465-474.	3.9	44
31	Geographical origin identification of two salmonid species via flavor compound analysis using headspace-gas chromatography-ion mobility spectrometry combined with electronic nose and tongue. Food Research International, 2021, 145, 110385.	2.9	44
32	An antenna-biased carboxylesterase is specifically active to plant volatiles in Spodoptera exigua. Pesticide Biochemistry and Physiology, 2015, 123, 93-100.	1.6	43
33	Growth and oxygen consumption of the juvenile sea cucumber Apostichopus japonicus (Selenka) at constant and fluctuating water temperatures. Aquaculture Research, 2006, 37, 1327-1333.	0.9	42
34	Different Expression Profiles Suggest Functional Differentiation Among Chemosensory Proteins in Nilaparvata lugens (Hemiptera: Delphacidae). Journal of Insect Science, 2014, 14, .	0.6	39
35	RNA-seq reveals temporal differences in the transcriptome response to acute heat stress in the Atlantic salmon (Salmo salar). Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2019, 30, 169-178.	0.4	38
36	CRISPR/Cas9â€mediated PBP1 and PBP3 mutagenesis induced significant reduction in electrophysiological response to sex pheromones in male Chilo suppressalis. Insect Science, 2019, 26, 388-399.	1.5	38

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37	Sedimentation and sediment characteristics in sea cucumber Apostichopus japonicus (Selenka) culture ponds. Aquaculture Research, 2010, 42, 14-21.	0.9	37
38	Effects of light intensity on daily activity rhythm of juvenile sea cucumber, Apostichopus japonicus (Selenka). Aquaculture Research, 2010, 41, 1640-1647.	0.9	37
39	Induced thermotolerance and expression of heat shock protein 70 in sea cucumber Apostichopus japonicus. Fisheries Science, 2008, 74, 573-578.	0.7	36
40	Electrophysiological and Behavioral Responses of Female Beet Armyworm Spodoptera exigua (HÃ¼bner) to the Conspecific Female Sex Pheromone. Journal of Insect Behavior, 2009, 22, 153-164.	0.4	36
41	The effect of different macroalgae on the growth of sea cucumbers (Apostichopus japonicus Selenka). Aquaculture Research, 2010, 41, e881-e885.	0.9	35
42	Changes in fatty acid profiles of sea cucumber Apostichopus japonicus (Selenka) induced by terrestrial plants in diets. Aquaculture, 2015, 442, 119-124.	1.7	34
43	Effects of C/N ratio and light on ammonia nitrogen uptake in Litopenaeus vannamei culture tanks. Aquaculture, 2019, 498, 123-131.	1.7	33
44	Comparative study on nutrient composition and growth of green and red sea cucumber,Apostichopus japonicus(Selenka, 1867), under the same culture conditions. Aquaculture Research, 2013, 44, 317-320.	0.9	32
45	Transcriptome comparison of the sex pheromone glands from two sibling Helicoverpa species with opposite sex pheromone components. Scientific Reports, 2015, 5, 9324.	1.6	32
46	Regulation of dietary glutamine on the growth, intestinal function, immunity and antioxidant capacity of sea cucumber Apostichopus japonicus (Selenka). Fish and Shellfish Immunology, 2016, 50, 56-65.	1.6	32
47	An experimental study on the budget of organic carbon in polyculture systems of swimming crab with white shrimp and short-necked clam. Aquaculture, 2016, 451, 58-64.	1.7	31
48	Temporal bacterial community succession during the start-up process of biofilters in a cold-freshwater recirculating aquaculture system. Bioresource Technology, 2019, 287, 121441.	4.8	31
49	Individual variation in growth in sea cucumber Apostichopus japonicus (Selenck) housed individually. Journal of Ocean University of China, 2010, 9, 291-296.	0.6	30
50	Effects of photoperiod on daily activity rhythm of juvenile sea cucumber, Apostichopus japonicus (Selenka). Chinese Journal of Oceanology and Limnology, 2011, 29, 1015-1022.	0.7	30
51	Ecological Adaption Analysis of the Cotton Aphid (Aphis gossypii) in Different Phenotypes by Transcriptome Comparison. PLoS ONE, 2013, 8, e83180.	1.1	30
52	Bacillus sp. LT3 improves the survival of gnotobiotic brine shrimp (Artemia franciscana) larvae challenged with Vibrio campbellii by enhancing the innate immune response and by decreasing the activity of shrimp-associated vibrios. Veterinary Microbiology, 2014, 173, 279-288.	0.8	30
53	Effects of temperature, dissolved oxygen, and their interaction on the growth performance and condition of rainbow trout (Oncorhynchus mykiss). Journal of Thermal Biology, 2021, 98, 102928.	1.1	30
54	Candidate odorant binding proteins and chemosensory proteins in the larval chemosensory tissues of two closely related noctuidae moths, Helicoverpa armigera and H. assulta. PLoS ONE, 2017, 12, e0179243.	1.1	30

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55	Light and carbon sources addition alter microbial community in biofloc-based Litopenaeus vannamei culture systems. Aquaculture, 2020, 515, 734572.	1.7	28
56	CRISPR/Cas9 mediated BLOS2 knockout resulting in disappearance of yellow strips and white spots on the larval integument in Spodoptera litura. Journal of Insect Physiology, 2017, 103, 29-35.	0.9	27
57	A comparative study of the nutrient uptake and growth capacities of seaweeds Caulerpa lentillifera and Gracilaria lichenoides. Journal of Applied Phycology, 2016, 28, 3083-3089.	1.5	26
58	A long non-coding RNA regulates cadherin transcription and susceptibility to Bt toxin Cry1Ac in pink bollworm, Pectinophora gossypiella. Pesticide Biochemistry and Physiology, 2019, 158, 54-60.	1.6	26
59	Involvement of GOBP2 in the perception of a sex pheromone component in both larval and adult Spodoptera litura revealed using CRISPR/Cas9 mutagenesis. Insect Biochemistry and Molecular Biology, 2022, 141, 103719.	1.2	26
60	Optimization of stocking density for the sea cucumber, Apostichopus japonicus Selenka, under feed-supplement and non-feed-supplement regimes in pond culture. Journal of Ocean University of China, 2009, 8, 296-302.	0.6	25
61	Ecological effects of co-culturing sea cucumber Apostichopus japonicus (Selenka) with scallop Chlamys farreri in earthen ponds. Chinese Journal of Oceanology and Limnology, 2012, 30, 71-79.	0.7	25
62	Identification and expression pattern of candidate olfactory genes in Chrysoperla sinica by antennal transcriptome analysis. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2015, 15, 28-38.	0.4	25
63	Effects of dietary supplementation of probiotics on the growth, activities of digestive and non-specific immune enzymes in hybrid grouper (Epinephelus lanceolatusâ™‚ÂÃ—ÂEpinephelus) Tj ETQq1 1 0.784314 rgBT	1.1	25
64	Effects of l-tryptophan on the growth, intestinal enzyme activities and non-specific immune response of sea cucumber (Apostichopus japonicus Selenka) exposed to crowding stress. Fish and Shellfish Immunology, 2018, 75, 158-163.	1.6	25
65	Immune responses ofLitopenaeus vannameito thermal stress: a comparative study of shrimp in freshwater and seawater conditions. Marine and Freshwater Behaviour and Physiology, 2014, 47, 79-92.	0.4	24
66	A comparative study of the effect of starvation regimes on the foraging behavior of Portunus trituberculatus and Charybdis japonica. Physiology and Behavior, 2015, 151, 168-177.	1.0	24
67	Effects of diatom concentration in prepared feeds on growth and energy budget of the sea cucumberApostichopus japonicus(Selenka). Aquaculture Research, 2015, 46, 609-617.	0.9	24
68	Functional characterization of pheromone receptors in the moth Athetis dissimilis (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.6	24
69	Effects of abalone (Haliotis discus hannai Ino) and kelp (Saccharina japonica) mariculture on sources, distribution, and preservation of sedimentary organic carbon in Ailian Bay, China: Identified by coupling stable isotopes (Î´13C and Î´15N) with C/N ratio analyses. Marine Pollution Bulletin, 2019, 141, 387-397.	2.3	24
70	Functional Characterization of Sex Pheromone Receptors in the Fall Armyworm (Spodoptera) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	1.0	24
71	Combined effects of acute thermal and hypo-osmotic stresses on osmolality and hsp70, hsp90 and sod expression in the sea cucumber Apostichopus japonicus Selenka. Aquaculture International, 2014, 22, 1149-1161.	1.1	22
72	Impact of water temperature on the growth and fatty acid profiles of juvenile sea cucumber Apostichopus japonicus (Selenka). Journal of Thermal Biology, 2016, 60, 155-161.	1.1	22

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73	Editorial: Insect Olfactory Proteins (From Gene Identification to Functional Characterization). Frontiers in Physiology, 2019, 10, 1313.	1.3	22
74	Regulation of olfactory-based sex behaviors in the silkworm by genes in the sex-determination cascade. PLoS Genetics, 2020, 16, e1008622.	1.5	22
75	Optimization of aquaculture sustainability through ecological intensification in China. Reviews in Aquaculture, 2022, 14, 1249-1259.	4.6	22
76	Metabolic rates and biochemical compositions of Apostichopus japonicus (Selenka) tissue during periods of inactivity. Chinese Journal of Oceanology and Limnology, 2010, 28, 218-223.	0.7	21
77	Effects of rearing temperature on growth, metabolism and thermal tolerance of juvenile sea cucumber,Apostichopus japonicusSelenka: critical thermal maximum (CTmax) andhsps gene expression. Aquaculture Research, 2013, 44, 1550-1559.	0.9	20
78	Odorant-binding proteins display high affinities for behavioral attractants and repellents in the natural predator Chrysopa pallens. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 185, 51-57.	0.8	19
79	Transcriptome based identification and tissue expression profiles of chemosensory genes in Blattella germanica (Blattaria: Blattidae). Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2016, 18, 30-43.	0.4	19
80	Effects of stocking density and body physical contact on growth of sea cucumber,Apostichopus japonicus. Aquaculture Research, 2014, 45, 629-636.	0.9	17
81	Hypothermal effects on survival, energy homeostasis and expression of energy-related genes of swimming crabs Portunus trituberculatus during air exposure. Journal of Thermal Biology, 2016, 60, 33-40.	1.1	17
82	Effects of dietary rhubarb, Bacillus cereus, yeast polysaccharide, and florfenicol supplementation on growth, intestinal morphology, and immune responses of sea cucumber (Apostichopus japonicus). Aquaculture International, 2016, 24, 675-690.	1.1	17
83	Molecular and Functional Characterization of Three Odorant-Binding Protein from Periplaneta americana. PLoS ONE, 2017, 12, e0170072.	1.1	17
84	Competing beetles attract egg laying in a hawkmoth. Current Biology, 2022, 32, 861-869.e8.	1.8	17
85	Characterization of a novel marine origin aerobic nitrifyingâ€“denitrifying bacterium isolated from shrimp culture ponds. Aquaculture Research, 2019, 50, 1770-1781.	0.9	16
86	A Gustatory Receptor GR8 Tunes Specifically to D-Fructose in the Common Cutworm Spodoptera litura. Insects, 2019, 10, 272.	1.0	16
87	Effects of circadian rhythms of fluctuating temperature on growth and biochemical composition of Ulva pertusa. Hydrobiologia, 2007, 586, 313-319.	1.0	15
88	Impact of Litopenaeus vannamei bioturbation on nitrogen dynamics and benthic fluxes at the sedimentâ€“water interface in pond aquaculture. Aquaculture International, 2015, 23, 967-980.	1.1	15
89	Transference of heavy metals (Hg, Cu, Pb and Zn) with the trophic structure in a polyculture pond: evidence from nitrogen stable isotope. Aquaculture Research, 2016, 47, 1996-2003.	0.9	15
90	Effects of starving and re-feeding strategies on the growth performance and physiological characteristics of the juvenile tongue sole (Cynoglossus semilaevis). Journal of Ocean University of China, 2017, 16, 517-524.	0.6	15

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91	Functional characterization of two spliced variants of fructose gustatory receptor in the diamondback moth, Plutella xylostella. Pesticide Biochemistry and Physiology, 2020, 164, 7-13.	1.6	15
92	Functional Disparity of Three Pheromone-Binding Proteins to Different Sex Pheromone Components in Hyphantria cunea (Drury). Journal of Agricultural and Food Chemistry, 2021, 69, 55-66.	2.4	15
93	A hydroponic plants and biofilm combined treatment system efficiently purified wastewater from cold flowing water aquaculture. Science of the Total Environment, 2022, 821, 153534.	3.9	15
94	Nitrogen and phosphorus budget of a polyculture system of sea cucumber (Apostichopus japonicus), jellyfish (Rhopilema esculenta) and shrimp (Fenneropenaeus chinensis). Journal of Ocean University of China, 2014, 13, 503-508.	0.6	14
95	Temperature-Dependent Fatty Acid Composition Change of Phospholipid in Steelhead Trout (Oncorhynchus mykiss) Tissues. Journal of Ocean University of China, 2019, 18, 519-527.	0.6	14
96	Effects of zooplankton refuge on the growth of tilapia (Oreochromis niloticus) and plankton dynamics in pond. Aquaculture International, 2010, 18, 647-655.	1.1	13
97	Identification of Ictalurid Catfish Fillets to Rearing Location Using Elemental Profiling. Journal of the World Aquaculture Society, 2013, 44, 405-414.	1.2	13
98	Comparison of the respiratory metabolism of juvenile Litopenaeus vannamei cultured in seawater and freshwater. Journal of Ocean University of China, 2014, 13, 331-337.	0.6	13
99	Effects of different feed ingredients on growth, fatty acid profiles, lipid peroxidation and aminotransferases activities of sea cucumber Apostichopus japonicus (Selenka). Aquaculture, 2016, 454, 176-183.	1.7	13
100	Immune responses ofLitopenaeus vannameito non-ionic ammonia stress: a comparative study on shrimps in freshwater and seawater conditions. Aquaculture Research, 2017, 48, 177-188.	0.9	13
101	Investigation of geographic origin, salinity and feed on stable isotope profile of Pacific white shrimp (Litopenaeus vannamei). Aquaculture Research, 2018, 49, 1029-1036.	0.9	13
102	Two Sympatric Spodoptera Species Could Mutually Recognize Sex Pheromone Components for Behavioral Isolation. Frontiers in Physiology, 2019, 10, 1256.	1.3	13
103	The impact of net-isolated polyculture of tilapia (Oreochromis niloticus) on plankton community in salineâ€“alkaline pond of shrimp (Penaeus vannamei). Aquaculture International, 2011, 19, 779-788.	1.1	12
104	Effect of Bacillus baekryungensis YD13 supplemented in diets on growth performance and immune response of sea cucumber (Apostichopus japonicus). Journal of Ocean University of China, 2014, 13, 805-810.	0.6	12
105	Characterization of two odorant binding proteins in Spodoptera exigua reveals functional conservation and difference. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 213, 20-27.	0.8	12
106	Efficacy of using stable isotopes coupled with chemometrics to differentiate the production method and geographical origin of farmed salmonids. Food Chemistry, 2021, 364, 130364.	4.2	12
107	Growth, metabolism and physiological response of the sea cucumber, Apostichopus japonicus Selenka during periods of inactivity. Journal of Ocean University of China, 2013, 12, 146-154.	0.6	11
108	Distinct binding affinities of odorant-binding proteins from the natural predator Chrysoperla sinica suggest different strategies to hunt prey. Journal of Insect Physiology, 2018, 111, 25-31.	0.9	11

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109	Clustered Regularly Interspaced Short Palindromic Repeats/CRISPR-Associated Protein 9 Mediated Knockout Reveals Functions of the yellow-y Gene in Spodoptera litura. Frontiers in Physiology, 2020, 11, 615391.	1.3	11
110	A high-performance temperature-control scheme: growth of sea cucumber Apostichopus japonicus with different modes of diel temperature fluctuation. Aquaculture International, 2009, 17, 459-467.	1.1	10
111	Trophic structure and energy fluxes in a grass carp (Ctenopharyngodon idellus) cultured pond ecosystem. Aquaculture International, 2015, 23, 1313-1324.	1.1	10
112	Absorption of different macroalgae by sea cucumber Apostichopus japonicus (Selenka): Evidence from analyses of fatty acid profiles. Aquaculture, 2016, 451, 421-428.	1.7	10
113	Ecological effects of co-culturing the sea cucumber Apostichopus japonicus with the Chinese white shrimp Fenneropenaeus chinensis in an earthen pond. Chinese Journal of Oceanology and Limnology, 2017, 35, 122-131.	0.7	10
114	Transcriptome signatures of the Pacific white shrimp Litopenaeus vannamei hepatopancreas in response to stress in biofloc culture systems. Fish and Shellfish Immunology, 2019, 91, 369-375.	1.6	10
115	A Î”9 desaturase (SlitDes11) is associated with the biosynthesis of ester sex pheromone components in Spodoptera litura. Pesticide Biochemistry and Physiology, 2019, 156, 152-159.	1.6	10
116	Growth performance, nonâ€specific immunity and Vibrio parahaemolyticus resistance of Pacific white shrimp, Litopenaeus vannamei , in response to various microbialâ€derived additives. Aquaculture Nutrition, 2021, 27, 666-678.	1.1	10
117	Intra-specific effects of sea cucumber (Apostichopus japonicus) with reference to stocking density and body size. Aquaculture Research, 2009, 41, 1170.	0.9	9
118	Total organic carbon budget of integrated aquaculture system of sea cucumberApostichopus japonicus, jellyfishRhopilema esculentaand shrimpFenneropenaeus chinensis. Aquaculture Research, 2013, 45, n/a-n/a.	0.9	9
119	Large-scale mortality and limited expression of heat shock proteins of aestivating sea cucumbersApostichopus japonicusafter acute salinity decrease. Aquaculture Research, 2015, 46, 1573-1581.	0.9	9
120	Effects of Acute and Chronic Heavy Metal (Cu, Cd, and Zn) Exposure on Sea Cucumbers (Apostichopus japonicus). BioMed Research International, 2016, 2016, 1-13.	0.9	9
121	Behavioral mechanisms underlying the functional response of the swimming crab Portunus trituberculatus preying on the Manila clam Ruditapes philippinarum. Marine Biology, 2016, 163, 1.	0.7	9
122	Responses of metabolism and haemolymph ions of swimming crab Portunus trituberculatus to thermal stresses: a comparative study between air and water. Aquaculture Research, 2016, 47, 2989-3000.	0.9	9
123	Identification and Field Evaluation of the Sex Pheromone of Orthaga achatina (Lepidoptera: Pyralidae). Journal of Chemical Ecology, 2018, 44, 886-893.	0.9	9
124	Effects of light intensity on larval development and juvenile growth of sea cucumber Apostichopus japonicus. Aquaculture Research, 2019, 50, 2333-2340.	0.9	9
125	Fatty acid composition, osmolality, Na ⁺ , K ⁺ â€ATPase activity, cortisol content and antioxidant status of rainbow trout (Oncorhynchus mykiss) in response to various dietary levels of eicosapentaenoic acid and docosahexaenoic acid. Aquaculture Research, 2020, 51, 2777-2789.	0.9	9
126	Heat sensitivity of mariculture species in China. ICES Journal of Marine Science, 2021, 78, 2922-2930.	1.2	9

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127	Comparisons of Salinity Adaptation in Terms of Growth, Body Composition, and Energy Budget in Juveniles of Rainbow and Steelhead Trouts (Oncorhynchus mykiss). Journal of Ocean University of China, 2019, 18, 509-518.	0.6	8
128	Genome-Wide Analysis of Alternative Splicing (AS) Mechanism Provides Insights into Salinity Adaptation in the Livers of Three Euryhaline Teleosts, including Scophthalmus maximus, Cynoglossus semilaevis and Oncorhynchus mykiss. Biology, 2022, 11, 222.	1.3	8
129	Release of moth pheromone compounds from Nicotiana benthamiana upon transient expression of heterologous biosynthetic genes. BMC Biology, 2022, 20, 80.	1.7	8
130	Changes in plasma osmolality, cortisol and amino acid levels of tongue sole (Cynoglossus semilaevis) at different salinities. Journal of Ocean University of China, 2015, 14, 881-887.	0.6	7
131	Sustainability evaluation of different systems for sea cucumber (Apostichopus japonicus) farming based on emergy theory. Journal of Ocean University of China, 2015, 14, 503-510.	0.6	7
132	Succession and seasonal variation in epilithic biofilms on artificial reefs in culture waters of the sea cucumber Apostichopus japonicus. Chinese Journal of Oceanology and Limnology, 2017, 35, 132-152.	0.7	7
133	Respiratory response of grass carp Ctenopharyngodon idellus to dissolved oxygen changes at three acclimation temperatures. Fish Physiology and Biochemistry, 2018, 44, 63-71.	0.9	7
134	Expression Profile and Functional Characterization Suggesting the Involvement of Three Chemosensory Proteins in Perception of Host Plant Volatiles in Chilo suppressalis (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 45	1.6	7
135	Growth, serum biochemical parameters, salinity tolerance and antioxidant enzyme activity of rainbow trout (Oncorhynchus mykiss) in response to dietary taurine levels. Marine Life Science and Technology, 2021, 3, 449-462.	1.8	7
136	Effects of different temperatures on seawater acclimation in rainbow trout Oncorhynchus mykiss: osmoregulation and branchial phospholipid fatty acid composition. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2021, 191, 669-679.	0.7	7
137	Effects of Supplementary Selenium and Vitamin E on the Growth Performance, Antioxidant Enzyme Activity, and Gene Expression of Sea Cucumber Apostichopus japonicus. Biological Trace Element Research, 2021, 199, 4820-4831.	1.9	7
138	A Study on the contribution of different food sources to shrimp growth in an intensive Fenneropenaeus chinensis pond. Journal of Ocean University of China, 2008, 7, 453-456.	0.6	6
139	Effects of rapid temperature changes on HK, PK and HSP70 of Litopenaeus vannamei in different seasons. Journal of Ocean University of China, 2010, 9, 303-308.	0.6	6
140	Effects of constant Ca2+ concentration in salinity fluctuations on growth and energy budget of juvenile Litopenaeus vannamei. Aquaculture International, 2012, 20, 177-188.	1.1	6
141	Effects of the diatom Cylindrotheca fusiformis on the growth of the sea cucumber Apostichopus japonicus and water quality in ponds. Aquaculture International, 2015, 23, 955-965.	1.1	6
142	Effects of the amplitude and frequency of salinity fluctuation on the body composition and energy budget of juvenile tongue sole (Cynoglossus semilaevis). Journal of Ocean University of China, 2015, 14, 127-134.	0.6	6
143	Effects of periodical salinity fluctuation on the growth, molting, energy homeostasis and molting-related gene expression of Litopenaeus vannamei. Journal of Ocean University of China, 2016, 15, 911-917.	0.6	6
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