

# Ce Shi

## List of Publications by Year in descending order

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| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Effects of diel temperature fluctuations on growth, oxygen consumption and proximate body composition in the sea cucumber <i>Apostichopus japonicus</i> Selenka. <i>Aquaculture</i> , 2006, 255, 514-521.  | 3.5 | 177       |
| 2  | Growth and physiological responses in the sea cucumber, <i>Apostichopus japonicus</i> Selenka: Aestivation and temperature. <i>Aquaculture</i> , 2008, 283, 180-187.   | 3.5 | 112       |
| 3  | Effects of dietary sea mud and yellow soil on growth and energy budget of the sea cucumber <i>Apostichopus japonicus</i> (Selenka). <i>Aquaculture</i> , 2009, 286, 266-270.   | 3.5 | 94        |
| 4  | Absorption of different food sources by sea cucumber <i>Apostichopus japonicus</i> (Selenka) (Echinodermata: Holothuroidea): Evidence from carbon stable isotope. <i>Aquaculture</i> , 2011, 319, 272-276.   | 3.5 | 79        |
| 5  | Carbon dioxide and methane fluxes from feeding and no-feeding mariculture ponds. <i>Environmental Pollution</i> , 2016, 212, 489-497.  | 7.5 | 77        |
| 6  | The effect of stocking density of Chinese mitten crab <i>Eriocheir sinensis</i> on rice and crab seed yields in rice-crab culture systems. <i>Aquaculture</i> , 2007, 273, 487-493.  | 3.5 | 72        |
| 7  | The effect of light color on the growth of Chinese shrimp <i>Fenneropenaeus chinensis</i> . <i>Aquaculture</i> , 2003, 228, 351-360.   | 3.5 | 52        |
| 8  | The influence of water temperature and ration on the growth, body composition and energy budget of tongue sole ( <i>Cynoglossus semilaevis</i> ). <i>Aquaculture</i> , 2010, 299, 106-114.   | 3.5 | 50        |
| 9  | Effects of four fresh microalgae in diet on growth and energy budget of juvenile sea cucumber <i>Apostichopus japonicus</i> (Selenka). <i>Aquaculture</i> , 2013, 416-417, 296-301.  | 3.5 | 48        |
| 10 | Seasonal changes in food uptake by the sea cucumber <i>Apostichopus japonicus</i> in a farm pond: Evidence from C and N stable isotopes. <i>Journal of Ocean University of China</i> , 2013, 12, 160-168.  | 1.2 | 47        |
| 11 | Effects of density on variation in individual growth and differentiation in endocrine response of Japanese sea cucumber ( <i>Apostichopus japonicus</i> Selenka). <i>Aquaculture</i> , 2012, 356-357, 398-403.   | 3.5 | 44        |
| 12 | Geographical origin identification of two salmonid species via flavor compound analysis using headspace-gas chromatography-ion mobility spectrometry combined with electronic nose and tongue. <i>Food Research International</i> , 2021, 145, 110385. | 6.2 | 44        |
| 13 | Growth and oxygen consumption of the juvenile sea cucumber <i>Apostichopus japonicus</i> (Selenka) at constant and fluctuating water temperatures. <i>Aquaculture Research</i> , 2006, 37, 1327-1333.  | 1.8 | 42        |
| 14 | Effects of starvation and recovery on the growth, metabolism and energy budget of juvenile tongue sole ( <i>Cynoglossus semilaevis</i> ). <i>Aquaculture</i> , 2010, 310, 122-129.   | 3.5 | 38        |
| 15 | RNA-seq reveals temporal differences in the transcriptome response to acute heat stress in the Atlantic salmon ( <i>Salmo salar</i> ). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 30, 169-178.             | 1.0 | 38        |
| 16 | Effects of light intensity on daily activity rhythm of juvenile sea cucumber, <i>Apostichopus japonicus</i> (Selenka). <i>Aquaculture Research</i> , 2010, 41, 1640-1647.  | 1.8 | 37        |
| 17 | Sediment-water Fluxes of Nutrients and Dissolved Organic Carbon in Extensive Sea Cucumber Culture Ponds. <i>Clean - Soil, Air, Water</i> , 2009, 37, 218-224.  | 1.1 | 36        |
| 18 | Trophic relationships in a polyculture pond based on carbon and nitrogen stable isotope analyses: A case study in Jinghai Bay, China. <i>Aquaculture</i> , 2014, 428-429, 258-264.   | 3.5 | 34        |

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|----|---|-----|-----------|
| 19 | Differences in fatty acid composition of gill and liver phospholipids between Steelhead trout ( <i>Oncorhynchus mykiss</i> ) and Atlantic salmon ( <i>Salmo salar</i> ) under declining temperatures. <i>Aquaculture</i> , 2018, 495, 815-822.      | 3.5 | 34        |
| 20 | Calcium carbonate supersaturation and precipitation in Chinese mitten crab ( <i>Eriocheir japonica</i> ). <i>Aquaculture</i> , 2007, 272, 361-369.  | 3.5 | 33        |
| 21 | Comparative study on nutrient composition and growth of green and red sea cucumber, <i>Apostichopus japonicus</i> (Selenka, 1867), under the same culture conditions. <i>Aquaculture Research</i> , 2013, 44, 317-320.                              | 1.8 | 32        |
| 22 | The effects of temperature changes on the oxygen consumption of juvenile Chinese shrimp <i>Fenneropenaeus chinensis</i> Osbeck. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 310, 59-72.                                       | 1.5 | 31        |
| 23 | White spot syndrome virus (WSSV) transmission from rotifer inoculum to crayfish. <i>Journal of Invertebrate Pathology</i> , 2007, 94, 144-148.  | 3.2 | 31        |
| 24 | Individual variation in growth in sea cucumber <i>Apostichopus japonicus</i> (Selenck) housed individually. <i>Journal of Ocean University of China</i> , 2010, 9, 291-296.   | 1.2 | 30        |
| 25 | Effects of photoperiod on daily activity rhythm of juvenile sea cucumber, <i>Apostichopus japonicus</i> (Selenka). <i>Chinese Journal of Oceanology and Limnology</i> , 2011, 29, 1015-1022.  | 0.7 | 30        |
| 26 | Effects of temperature, dissolved oxygen, and their interaction on the growth performance and condition of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Journal of Thermal Biology</i> , 2021, 98, 102928.                                      | 2.5 | 30        |
| 27 | Light intensity impacts on growth, molting and oxidative stress of juvenile mud crab <i>Scylla paramamosain</i> . <i>Aquaculture</i> , 2021, 545, 737159.   | 3.5 | 29        |
| 28 | Optimization of stocking density for the sea cucumber, <i>Apostichopus japonicus</i> Selenka, under feed-supplement and non-feed-supplement regimes in pond culture. <i>Journal of Ocean University of China</i> , 2009, 8, 296-302.                | 1.2 | 25        |
| 29 | Ecological effects of co-culturing sea cucumber <i>Apostichopus japonicus</i> (Selenka) with scallop <i>Chlamys farreri</i> in earthen ponds. <i>Chinese Journal of Oceanology and Limnology</i> , 2012, 30, 71-79.                                 | 0.7 | 25        |
| 30 | Effects of dietary supplementation of probiotics on the growth, activities of digestive and non-specific immune enzymes in hybrid grouper ( <i>Epinephelus lanceolatus</i> × <i>Epinephelus</i> ). <i>Aquaculture</i> , 2015, 435, 106-110.         | 3.5 | 24        |
| 31 | Effects of l-tryptophan on the growth, intestinal enzyme activities and non-specific immune response of sea cucumber ( <i>Apostichopus japonicus</i> Selenka) exposed to crowding stress. <i>Fish and Shellfish Immunology</i> , 2018, 75, 158-163. | 3.6 | 25        |
| 32 | A comparative study of the effect of starvation regimes on the foraging behavior of <i>Portunus trituberculatus</i> and <i>Charybdis japonica</i> . <i>Physiology and Behavior</i> , 2015, 151, 168-177.  | 2.1 | 24        |
| 33 | Effects of diatom concentration in prepared feeds on growth and energy budget of the sea cucumber <i>Apostichopus japonicus</i> (Selenka). <i>Aquaculture Research</i> , 2015, 46, 609-617.   | 1.8 | 24        |
| 34 | Utilization of corn meal and extruded soybean meal by sea cucumber <i>Apostichopus japonicus</i> (Selenka): Insights from carbon stable isotope analysis. <i>Aquaculture</i> , 2015, 435, 106-110.  | 3.5 | 24        |
| 35 | Variations in flavor according to fish size in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , 2020, 526, 735398.  | 3.5 | 23        |
| 36 | Effect of salinity on growth and energy budget of red and green colour variant sea cucumber <i>Apostichopus japonicus</i> (Selenka). <i>Aquaculture Research</i> , 2012, 43, 1611-1619.   | 1.8 | 22        |

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|----|---|-----|-----------|
| 37 | Metabolic rates and biochemical compositions of <i>Apostichopus japonicus</i> (Selenka) tissue during periods of inactivity. <i>Chinese Journal of Oceanology and Limnology</i> , 2010, 28, 218-223.  | 0.7 | 21        |
| 38 | Growth, osmoregulatory response, adenine nucleotide contents, and liver transcriptome analysis of steelhead trout ( <i>Oncorhynchus mykiss</i> ) under different salinity acclimation methods. <i>Aquaculture</i> , 2020, 520, 734937.                              | 3.5 | 19        |
| 39 | Effects of stocking density and body physical contact on growth of sea cucumber, <i>Apostichopus japonicus</i> . <i>Aquaculture Research</i> , 2014, 45, 629-636.   | 1.8 | 17        |
| 40 | Effects of dietary inclusion of benthic matter on feed utilization, digestive and immune enzyme activities of sea cucumber <i>Apostichopus japonicus</i> (Selenka). <i>Aquaculture</i> , 2016, 458, 1-7.  | 3.5 | 17        |
| 41 | Effects of circadian rhythms of fluctuating temperature on growth and biochemical composition of <i>Ulva pertusa</i> . <i>Hydrobiologia</i> , 2007, 586, 313-319.   | 2.0 | 15        |
| 42 | Respiratory response of grass carp ( <i>Ctenopharyngodon idellus</i> ) to temperature changes. <i>Aquaculture</i> , 2011, 322-323, 128-133.   | 3.5 | 15        |
| 43 | Growth and energy budgets of green and red type sea cucumbers <i>Apostichopus japonicus</i> (Selenka) under different light colors. <i>Aquaculture</i> , 2014, 418-419, 139-143.  | 3.5 | 15        |
| 44 | Nitrogen and phosphorus budget of a polyculture system of sea cucumber ( <i>Apostichopus japonicus</i> ), jellyfish ( <i>Rhopilema esculenta</i> ) and shrimp ( <i>Fenneropenaeus chinensis</i> ). <i>Journal of Ocean University of China</i> , 2014, 13, 503-508. | 1.2 | 14        |
| 45 | Effects of different feed ingredients on growth, fatty acid profiles, lipid peroxidation and aminotransferases activities of sea cucumber <i>Apostichopus japonicus</i> (Selenka). <i>Aquaculture</i> , 2016, 454, 176-183.   | 3.5 | 13        |
| 46 | The impact of net-isolated polyculture of tilapia ( <i>Oreochromis niloticus</i> ) on plankton community in saline-alkaline pond of shrimp ( <i>Penaeus vannamei</i> ). <i>Aquaculture International</i> , 2011, 19, 779-788.                                       | 2.2 | 12        |
| 47 | Effect of fluctuating light intensity on molting frequency and growth of <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , 2012, 330-333, 106-110.   | 3.5 | 12        |
| 48 | ATP catabolism and bacterial succession in postmortem tissues of mud crab ( <i>Scylla paramamosain</i> ) and their roles in freshness. <i>Food Research International</i> , 2022, 155, 110992.  | 6.2 | 12        |
| 49 | Beneficial co-culture of jellyfish <i>Rhopilema esculenta</i> (Kishinouye) and sea cucumber <i>Apostichopus japonicus</i> (Selenka): implications for pelagic-benthic coupling. <i>Aquaculture Research</i> , 2014, 45, 177-187.                                    | 1.8 | 10        |
| 50 | Absorption of different macroalgae by sea cucumber <i>Apostichopus japonicus</i> (Selenka): Evidence from analyses of fatty acid profiles. <i>Aquaculture</i> , 2016, 451, 421-428.   | 3.5 | 10        |
| 51 | Uptake of benthic matter by sea cucumber <i>Apostichopus japonicus</i> (Selenka): Insights from carbon stable isotopes and fatty acid profiles. <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 474, 46-53.                                       | 1.5 | 10        |
| 52 | Ecological effects of co-culturing the sea cucumber <i>Apostichopus japonicus</i> with the Chinese white shrimp <i>Fenneropenaeus chinensis</i> in an earthen pond. <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 122-131.                         | 0.7 | 10        |
| 53 | The effect of tank colour on growth performance, stress response and carapace colour of juvenile swimming crab <i>Portunus trituberculatus</i> . <i>Aquaculture Research</i> , 2019, 50, 2735-2742.   | 1.8 | 10        |
| 54 | Total organic carbon budget of integrated aquaculture system of sea cucumber <i>Apostichopus japonicus</i> , jellyfish <i>Rhopilema esculenta</i> and shrimp <i>Fenneropenaeus chinensis</i> . <i>Aquaculture Research</i> , 2013, 45, n/a-n/a.                     | 1.8 | 9         |

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|----|---|-----|-----------|
| 55 | Effects of light intensity on larval development and juvenile growth of sea cucumber <i>Apostichopus japonicus</i> . Aquaculture Research, 2019, 50, 2333-2340.   | 1.8 | 9         |
| 56 | Fatty acid composition, osmolality, Na <sup>+</sup> , K <sup>+</sup> ATPase activity, cortisol content and antioxidant status of rainbow trout ( <i>Oncorhynchus mykiss</i> ) in response to various dietary levels of eicosapentaenoic acid and docosahexaenoic acid. Aquaculture Research, 2020, 51, 2777-2789. | 1.8 | 9         |
| 57 | Comparisons of Salinity Adaptation in Terms of Growth, Body Composition, and Energy Budget in Juveniles of Rainbow and Steelhead Trouts ( <i>Oncorhynchus mykiss</i> ). Journal of Ocean University of China, 2019, 18, 509-518.  | 1.2 | 8         |
| 58 | High-intensity light of full-spectrum LED promotes survival rate but not development of the larval swimming crab <i>Portunus trituberculatus</i> . Aquacultural Engineering, 2021, 93, 102158.  | 3.1 | 8         |
| 59 | Accumulation, detoxification, and toxicity of dibutyl phthalate in the swimming crab. Chemosphere, 2022, 289, 133183.   | 8.2 | 8         |
| 60 | Sustainability evaluation of different systems for sea cucumber ( <i>Apostichopus japonicus</i> ) farming based on emergy theory. Journal of Ocean University of China, 2015, 14, 503-510.  | 1.2 | 7         |
| 61 | Respiratory response of grass carp <i>Ctenopharyngodon idellus</i> to dissolved oxygen changes at three acclimation temperatures. Fish Physiology and Biochemistry, 2018, 44, 63-71.  | 2.3 | 7         |
| 62 | Dynamic metabolite alterations of <i>Portunus trituberculatus</i> during larval development. Journal of Oceanology and Limnology, 2019, 37, 361-372.  | 1.3 | 7         |
| 63 | Effects of different temperatures on seawater acclimation in rainbow trout <i>Oncorhynchus mykiss</i> : osmoregulation and branchial phospholipid fatty acid composition. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2021, 191, 669-679.                           | 1.5 | 7         |
| 64 | Ingestion of domoic acid and its impact on king scallop ( <i>Pecten maximus</i> , Linnaeus 1758). Journal of Ocean University of China, 2007, 6, 175-181.   | 1.2 | 6         |
| 65 | Effects of the diatom <i>Cylindrotheca fusiformis</i> on the growth of the sea cucumber <i>Apostichopus japonicus</i> and water quality in ponds. Aquaculture International, 2015, 23, 955-965.   | 2.2 | 6         |
| 66 | Elevated pCO <sub>2</sub> alters the interaction patterns and functional potentials of rearing seawater microbiota. Environmental Pollution, 2021, 287, 117615.   | 7.5 | 6         |
| 67 | Tank bottom area influences the growth, molting, stress response, and antioxidant capacity of juvenile mud crab <i>Scylla paramamosain</i> . Aquaculture, 2022, 548, 737705.  | 3.5 | 6         |
| 68 | An experimental study on the compensatory growth of tongue sole, <i>Cynoglossus semilaevis</i> (Günther, 1873), following lower temperature manipulation. Aquaculture Research, 2014, 45, 1523-1532.  | 1.8 | 5         |
| 69 | Effects of water depth and substrate color on the growth and body color of the red sea cucumber, <i>Apostichopus japonicus</i> . Chinese Journal of Oceanology and Limnology, 2015, 33, 616-623.  | 0.7 | 5         |
| 70 | Comparative Evaluation of Tolerant to Heating and Hypoxia of Three Kinds of Salmonids. Journal of Ocean University of China, 2018, 17, 1465-1472.   | 1.2 | 5         |
| 71 | Succession, sources, and assembly of bacterial community in the developing crab larval microbiome. Aquaculture, 2022, 548, 737600.  | 3.5 | 5         |
| 72 | Growth compensation in juvenile tongue sole, <i>Cynoglossus semilaevis</i> (Günther, 1873): responses to thermal stress and feed restriction. Aquaculture Research, 2015, 46, 2604-2614.  | 1.8 | 4         |

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|----|--|-----|-----------|
| 73 | Life cycle assessment of different sea cucumber ( <i>Apostichopus japonicus</i> Selenka) farming systems. <i>Journal of Ocean University of China</i> , 2015, 14, 1068-1074.   | 1.2 | 4         |
| 74 | Fatty Acid Composition and Digestive Enzyme Activities of Rainbow Trout in Response to Dietary Docosahexaenoic Acid (DHA) and Eicosapentaenoic Acid (EPA) During Salinity Acclimation. <i>Journal of Ocean University of China</i> , 2020, 19, 1430-1440.  | 1.2 | 4         |
| 75 | Effects of seawater acclimation at constant and diel cyclic temperatures on growth, osmoregulation and branchial phospholipid fatty acid composition in rainbow trout <i>Oncorhynchus mykiss</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 313-325. | 1.5 | 4         |
| 76 | Investigation of the Light Intensity Effect on Growth, Molting, Hemolymph Lipid, and Antioxidant Capacity of Juvenile Swimming Crab <i>Portunus trituberculatus</i> . <i>Frontiers in Marine Science</i> , 2022, 9, .  | 2.5 | 4         |
| 77 | Utilization of dietary carbohydrates by sea cucumber <i>Apostichopus japonicus</i> (Selenka) as indicated by carbon stable isotope analysis. <i>Aquaculture Research</i> , 2017, 48, 6001-6008.  | 1.8 | 3         |
| 78 | Sexual fusion and life history of <i>Scytosiphon lomentaria</i> (Scytosiphonaceae, Phaeophyceae) in Dalian, china. <i>Journal of Ocean University of China</i> , 2011, 10, 170-176.  | 1.2 | 2         |
| 79 | Effects of algae particle size on the breathing and feeding of filter-feeding silver carp ( <i>Hypophthalmichthys molitrix</i> Val.). <i>Aquaculture Research</i> , 2017, 48, 3102-3110.   | 1.8 | 2         |
| 80 | Effects of rhythmic temperature change on the growth, body composition and energy budget of hybrid grouper ( <i>Epinephelus lanceolatus</i> ♀ × <i>Epinephelus fuscoguttatus</i> ♂). <i>Aquaculture Research</i> , 2018, 49, 874-881.  | 1.8 | 2         |
| 81 | Effects of L-tryptophan on the performance, energy partitioning and endocrine response of Japanese sea cucumber ( <i>Apostichopus japonicus</i> Selenka) exposed to crowding stress. <i>Aquaculture Research</i> , 2018, 49, 471-479.  | 1.8 | 2         |
| 82 | Effects of starvation on the breathing and feeding of filter-feeding silver carp ( <i>Hypophthalmichthys</i> )   | 3.5 | 2         |
| 83 | Long-term monitoring of the individual self-feeding behavior of rainbow trout <i>Oncorhynchus mykiss</i> . <i>Journal of Oceanology and Limnology</i> , 2019, 37, 344-349.   | 1.3 | 2         |
| 84 | An Effective Method of Prompting Juvenile Rainbow Trout ( <i>Oncorhynchus mykiss</i> ) to Cope with Heat Stress. <i>Journal of Ocean University of China</i> , 2020, 19, 216-224.  | 1.2 | 2         |
| 85 | Effects of constant and diel cyclic temperatures on the liver and intestinal phospholipid fatty acid composition in rainbow trout <i>Oncorhynchus mykiss</i> during seawater acclimation. <i>BMC Zoology</i> , 2021, 6, .  | 1.0 | 2         |
| 86 | The concentrating method of benthic diatom affects the growth of juvenile sea cucumber ( <i>Apostichopus japonicus</i> ) and water quality. <i>Aquaculture Research</i> , 2017, 48, 4503-4511.   | 1.8 | 1         |
| 87 | Effect of food on specific dynamic action (SDA) of green and red types of sea cucumber ( <i>Apostichopus</i> )   | 1.2 | 1         |
| 88 | Phospholipid Compositions in <i>Portunus trituberculatus</i> Larvae at Different Developmental Stages. <i>Journal of Ocean University of China</i> , 2022, 21, 152-162.  | 1.2 | 1         |
| 89 | Social interaction and brain serotonergic activity of rainbow trout ( <i>Oncorhynchus mykiss</i> ) in self-feeding system. <i>Aquaculture Research</i> , 2018, 49, 2349-2355.  | 1.8 | 0         |
| 90 | Music stimulus has a positive effect on survival and development of the larvae in swimming crab <i>Portunus trituberculatus</i> . <i>Journal of Oceanology and Limnology</i> , 0, , 1.   | 1.3 | 0         |