

Shuang-Lin Dong

List of Publications by Year in descending order

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187
papers

4,366
citations

109137

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174990

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g-index

190
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190
docs citations

190
times ranked

2879
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Involvement of GOBP2 in the perception of a sex pheromone component in both larval and adult <i>Spodoptera litura</i> revealed using CRISPR/Cas9 mutagenesis. <i>Insect Biochemistry and Molecular Biology</i> , 2022, 141, 103719. | 1.2 | 26 |
| 2 | A hydroponic plants and biofilm combined treatment system efficiently purified wastewater from cold flowing water aquaculture. <i>Science of the Total Environment</i> , 2022, 821, 153534. | 3.9 | 15 |
| 3 | Optimization of aquaculture sustainability through ecological intensification in China. <i>Reviews in Aquaculture</i> , 2022, 14, 1249-1259. | 4.6 | 22 |
| 4 | Genome-Wide Analysis of Alternative Splicing (AS) Mechanism Provides Insights into Salinity Adaptation in the Livers of Three Euryhaline Teleosts, including <i>Scophthalmus maximus</i> , <i>Cynoglossus semilaevis</i> and <i>Oncorhynchus mykiss</i> . <i>Biology</i> , 2022, 11, 222. | 1.3 | 8 |
| 5 | Competing beetles attract egg laying in a hawkmoth. <i>Current Biology</i> , 2022, 32, 861-869.e8. | 1.8 | 17 |
| 6 | Release of moth pheromone compounds from <i>Nicotiana benthamiana</i> upon transient expression of heterologous biosynthetic genes. <i>BMC Biology</i> , 2022, 20, 80. | 1.7 | 8 |
| 7 | Current progress in the authentication of fishery and aquatic products using multi-element and stable isotope analyses combined with chemometrics. <i>Reviews in Aquaculture</i> , 2022, 14, 2023-2037. | 4.6 | 5 |
| 8 | Growth, serum biochemical parameters, salinity tolerance and antioxidant enzyme activity of rainbow trout (<i>Oncorhynchus mykiss</i>) in response to dietary taurine levels. <i>Marine Life Science and Technology</i> , 2021, 3, 449-462. | 1.8 | 7 |
| 9 | 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. | 0.7 | 4 |
| 10 | Application of biodegradable polymers as carbon sources in ex situ biofloc systems: Water quality and shift of microbial community. <i>Aquaculture Research</i> , 2021, 52, 3570-3579. | 0.9 | 6 |
| 11 | Effects of different temperatures on seawater acclimation in rainbow trout <i>Oncorhynchus mykiss</i> : osmoregulation and branchial phospholipid fatty acid composition. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 669-679. | 0.7 | 7 |
| 12 | Effects of Supplementary Selenium and Vitamin E on the Growth Performance, Antioxidant Enzyme Activity, and Gene Expression of Sea Cucumber <i>Apostichopus japonicus</i> . <i>Biological Trace Element Research</i> , 2021, 199, 4820-4831. | 1.9 | 7 |
| 13 | 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. | 1.1 | 30 |
| 14 | 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. | 2.9 | 44 |
| 15 | Heat sensitivity of mariculture species in China. <i>ICES Journal of Marine Science</i> , 2021, 78, 2922-2930. | 1.2 | 9 |
| 16 | Efficacy of using stable isotopes coupled with chemometrics to differentiate the production method and geographical origin of farmed salmonids. <i>Food Chemistry</i> , 2021, 364, 130364. | 4.2 | 12 |
| 17 | Identification of Wild-Type CYP321A2 and Comparison of Allelochemical-Induced Expression Profiles of CYP321A2 with Its Paralog CYP321A1 in <i>Helicoverpa zea</i> . <i>Insects</i> , 2021, 12, 75. | 1.0 | 3 |
| 18 | Growth performance, non-specific immunity and <i>Vibrio parahaemolyticus</i> resistance of Pacific white shrimp, <i>Litopenaeus vannamei</i> , in response to various microbial-derived additives. <i>Aquaculture Nutrition</i> , 2021, 27, 666-678. | 1.1 | 10 |

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|----|---|-----|-----------|
| 19 | Functional Disparity of Three Pheromone-Binding Proteins to Different Sex Pheromone Components in <i>Hyphantria cunea</i> (Drury). <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 55-66. | 2.4 | 15 |
| 20 | DNA Barcoding and Mini-DNA Barcoding Reveal Mislabeling of Salmonids in Different Distribution Channels in the Qingdao Area. <i>Journal of Ocean University of China</i> , 2021, 20, 1537-1544. | 0.6 | 1 |
| 21 | The Effects of Different Carbon Sources on the Production Environment and Breeding Parameters of <i>Litopenaeus vannamei</i> . <i>Water (Switzerland)</i> , 2021, 13, 3584. | 1.2 | 4 |
| 22 | Light and carbon sources addition alter microbial community in biofloc-based <i>Litopenaeus vannamei</i> culture systems. <i>Aquaculture</i> , 2020, 515, 734572. | 1.7 | 28 |
| 23 | Functional characterization of two spliced variants of fructose gustatory receptor in the diamondback moth, <i>Plutella xylostella</i> . <i>Pesticide Biochemistry and Physiology</i> , 2020, 164, 7-13. | 1.6 | 15 |
| 24 | The Molecular Basis of Host Selection in a Crucifer-Specialized Moth. <i>Current Biology</i> , 2020, 30, 4476-4482.e5. | 1.8 | 67 |
| 25 | Clustered Regularly Interspaced Short Palindromic Repeats/CRISPR-Associated Protein 9 Mediated Knockout Reveals Functions of the yellow-y Gene in <i>Spodoptera litura</i> . <i>Frontiers in Physiology</i> , 2020, 11, 615391. | 1.3 | 11 |
| 26 | Mechanism of the Potential Therapeutic Candidate <i>Bacillus subtilis</i> BSXE-1601 Against Shrimp Pathogenic <i>Vibrios</i> and Multifunctional Metabolites Biosynthetic Capability of the Strain as Predicted by Genome Analysis. <i>Frontiers in Microbiology</i> , 2020, 11, 581802. | 1.5 | 6 |
| 27 | 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. | 0.6 | 4 |
| 28 | Regulation of olfactory-based sex behaviors in the silkworm by genes in the sex-determination cascade. <i>PLoS Genetics</i> , 2020, 16, e1008622. | 1.5 | 22 |
| 29 | Functional Characterization of Sex Pheromone Receptors in the Fall Armyworm (<i>Spodoptera</i>) Tj ETQq1 1 0.784314,rgBT /Overlock 10 | 1.8 | 24 |
| 30 | 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. | 0.6 | 2 |
| 31 | Growth, osmoregulation and energy budget of rainbow and steelhead trout under different salinity acclimation methods and the best transition size of steelhead trout. <i>Aquaculture Research</i> , 2020, 51, 2369-2378. | 0.9 | 2 |
| 32 | Different binding properties of two general-odorant binding proteins in <i>Athetis lepigone</i> with sex pheromones, host plant volatiles and insecticides. <i>Pesticide Biochemistry and Physiology</i> , 2020, 164, 173-182. | 1.6 | 50 |
| 33 | Fatty acid composition, osmolality, Na ⁺ , K ⁺ 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. <i>Aquaculture Research</i> , 2020, 51, 2777-2789. | 0.9 | 9 |
| 34 | Effects of C/N ratio and light on ammonia nitrogen uptake in <i>Litopenaeus vannamei</i> culture tanks. <i>Aquaculture</i> , 2019, 498, 123-131. | 1.7 | 33 |
| 35 | Physical and chemical traits affecting the oviposition preference of honeysuckle geometrid, <i>Heterolocha jinyinhuaphaga</i> Chu among honeysuckle varieties. <i>Arthropod-Plant Interactions</i> , 2019, 13, 905-913. | 0.5 | 3 |
| 36 | Temperature-Dependent Fatty Acid Composition Change of Phospholipid in Steelhead Trout (<i>Oncorhynchus mykiss</i>) Tissues. <i>Journal of Ocean University of China</i> , 2019, 18, 519-527. | 0.6 | 14 |

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|----|---|-----|-----------|
| 37 | Characterization of a novel marine origin aerobic nitrifying–denitrifying bacterium isolated from shrimp culture ponds. <i>Aquaculture Research</i> , 2019, 50, 1770-1781. | 0.9 | 16 |
| 38 | Two Sympatric Spodoptera Species Could Mutually Recognize Sex Pheromone Components for Behavioral Isolation. <i>Frontiers in Physiology</i> , 2019, 10, 1256. | 1.3 | 13 |
| 39 | Editorial: Insect Olfactory Proteins (From Gene Identification to Functional Characterization). <i>Frontiers in Physiology</i> , 2019, 10, 1313. | 1.3 | 22 |
| 40 | CRISPR/Cas9 mediated gene knockout reveals a more important role of PBP1 than PBP2 in the perception of female sex pheromone components in <i>Spodoptera litura</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2019, 115, 103244. | 1.2 | 46 |
| 41 | A Gustatory Receptor GR8 Tunes Specifically to D-Fructose in the Common Cutworm <i>Spodoptera litura</i> . <i>Insects</i> , 2019, 10, 272. | 1.0 | 16 |
| 42 | Comparisons of Salinity Adaptation in Terms of Growth, Body Composition, and Energy Budget in Juveniles of Rainbow and Steelhead Trouts (<i>Oncorhynchus mykiss</i>). <i>Journal of Ocean University of China</i> , 2019, 18, 509-518. | 0.6 | 8 |
| 43 | Effects of light intensity on larval development and juvenile growth of sea cucumber <i>Apostichopus japonicus</i> . <i>Aquaculture Research</i> , 2019, 50, 2333-2340. | 0.9 | 9 |
| 44 | Temporal bacterial community succession during the start-up process of biofilters in a cold-freshwater recirculating aquaculture system. <i>Bioresource Technology</i> , 2019, 287, 121441. | 4.8 | 31 |
| 45 | Functional characterization of pheromone receptors in the moth <i>Athetis dissimilis</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock | 1.6 | 24 |
| 46 | A long non-coding RNA regulates cadherin transcription and susceptibility to Bt toxin Cry1Ac in pink bollworm, <i>Pectinophora gossypiella</i> . <i>Pesticide Biochemistry and Physiology</i> , 2019, 158, 54-60. | 1.6 | 26 |
| 47 | Transcriptome signatures of the Pacific white shrimp <i>Litopenaeus vannamei</i> hepatopancreas in response to stress in biofloc culture systems. <i>Fish and Shellfish Immunology</i> , 2019, 91, 369-375. | 1.6 | 10 |
| 48 | Effects of abalone (<i>Haliotis discus hannai</i> Ito) and kelp (<i>Saccharina japonica</i>) mariculture on sources, distribution, and preservation of sedimentary organic carbon in Ailian Bay, China: Identified by coupling stable isotopes ($\delta^{13}C$ and $\delta^{15}N$) with C/N ratio analyses. <i>Marine Pollution Bulletin</i> , 2019, 141, 387-397. | 2.3 | 24 |
| 49 | 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. | 0.4 | 38 |
| 50 | A Δ^9 desaturase (SlitDes11) is associated with the biosynthesis of ester sex pheromone components in <i>Spodoptera litura</i> . <i>Pesticide Biochemistry and Physiology</i> , 2019, 156, 152-159. | 1.6 | 10 |
| 51 | Metabolic responses in the gills of tongue sole (<i>Cynoglossus semilaevis</i>) exposed to salinity stress using NMR-based metabolomics. <i>Science of the Total Environment</i> , 2019, 653, 465-474. | 3.9 | 44 |
| 52 | Effect of <i>Clostridium butyricum</i> in different forms on growth performance, disease resistance, expression of genes involved in immune responses and mTOR signaling pathway of <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2019, 87, 13-21. | 1.6 | 46 |
| 53 | CRISPR/Cas9-mediated PBP1 and PBP3 mutagenesis induced significant reduction in electrophysiological response to sex pheromones in male <i>Chilo suppressalis</i> . <i>Insect Science</i> , 2019, 26, 388-399. | 1.5 | 38 |
| 54 | 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. | 1.6 | 25 |

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|----|---|-----|-----------|
| 55 | 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. | 0.9 | 2 |
| 56 | Effects of dietary macroalgae meal and lipid source on growth performance and body wall fatty acid composition of sea cucumber <i>Apostichopus japonicus</i> . <i>Aquaculture Research</i> , 2018, 49, 776-785. | 0.9 | 6 |
| 57 | 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. | 0.9 | 2 |
| 58 | Respiratory response of grass carp <i>Ctenopharyngodon idellus</i> to dissolved oxygen changes at three acclimation temperatures. <i>Fish Physiology and Biochemistry</i> , 2018, 44, 63-71. | 0.9 | 7 |
| 59 | Investigation of geographic origin, salinity and feed on stable isotope profile of Pacific white shrimp (<i>Litopenaeus vannamei</i>). <i>Aquaculture Research</i> , 2018, 49, 1029-1036. | 0.9 | 13 |
| 60 | Comparative Evaluation of Tolerant to Heating and Hypoxia of Three Kinds of Salmonids. <i>Journal of Ocean University of China</i> , 2018, 17, 1465-1472. | 0.6 | 5 |
| 61 | Trophic Interaction in a <i>Portunus rituberculatus</i> Polyculture Ecosystem Based on Carbon and Nitrogen Stable Isotope Analysis. <i>Journal of Ocean University of China</i> , 2018, 17, 1432-1440. | 0.6 | 4 |
| 62 | Expression Profile and Functional Characterization Suggesting the Involvement of Three Chemosensory Proteins in Perception of Host Plant Volatiles in <i>Chilo suppressalis</i> (Lepidoptera: C). <i>Journal of Chemical Ecology</i> , 2018, 44, 886-893. | 0.9 | 9 |
| 63 | Distinct binding affinities of odorant-binding proteins from the natural predator <i>Chrysoperla sinica</i> suggest different strategies to hunt prey. <i>Journal of Insect Physiology</i> , 2018, 111, 25-31. | 0.9 | 11 |
| 64 | Genome-wide analysis of ionotropic receptor gene repertoire in Lepidoptera with an emphasis on its functions of <i>Helicoverpa armigera</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2018, 99, 37-53. | 1.2 | 63 |
| 65 | Identification and Field Evaluation of the Sex Pheromone of <i>Orthaga achatina</i> (Lepidoptera: Pyralidae). <i>Journal of Chemical Ecology</i> , 2018, 44, 886-893. | 0.9 | 9 |
| 66 | Succession and seasonal variation in epilithic biofilms on artificial reefs in culture waters of the sea cucumber <i>Apostichopus japonicus</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 132-152. | 0.7 | 7 |
| 67 | 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 |
| 68 | Immune responses of <i>Litopenaeus vannamei</i> to non-ionic ammonia stress: a comparative study on shrimps in freshwater and seawater conditions. <i>Aquaculture Research</i> , 2017, 48, 177-188. | 0.9 | 13 |
| 69 | Effects of starving and re-feeding strategies on the growth performance and physiological characteristics of the juvenile tongue sole (<i>Cynoglossus semilaevis</i>). <i>Journal of Ocean University of China</i> , 2017, 16, 517-524. | 0.6 | 15 |
| 70 | A Pheromone Antagonist Regulates Optimal Mating Time in the Moth <i>Helicoverpa armigera</i> . <i>Current Biology</i> , 2017, 27, 1610-1615.e3. | 1.8 | 108 |
| 71 | 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 Research</i> , 2017, 48, 4503-4511. | 0.9 | 1 |
| 72 | 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. | 0.9 | 1 |

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| 73 | CRISPR/Cas9 mediated BLOS2 knockout resulting in disappearance of yellow strips and white spots on the larval integument in <i>Spodoptera litura</i> . <i>Journal of Insect Physiology</i> , 2017, 103, 29-35. | 0.9 | 27 |
| 74 | 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. | 0.9 | 3 |
| 75 | Characterization of two odorant binding proteins in <i>Spodoptera exigua</i> reveals functional conservation and difference. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 213, 20-27. | 0.8 | 12 |
| 76 | Effect of food on specific dynamic action (SDA) of green and red types of sea cucumber (<i>Apostichopus</i>) Tj ETQq0 0,0 rgBT /Oerlock 10 Tf | 0.6 | 1 |
| 77 | Molecular ecological network analysis reveals the effects of probiotics and florfenicol on intestinal microbiota homeostasis: An example of sea cucumber. <i>Scientific Reports</i> , 2017, 7, 4778. | 1.6 | 48 |
| 78 | 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. | 0.9 | 2 |
| 79 | Molecular and Functional Characterization of Three Odorant-Binding Protein from <i>Periplaneta americana</i> . <i>PLoS ONE</i> , 2017, 12, e0170072. | 1.1 | 17 |
| 80 | Candidate odorant binding proteins and chemosensory proteins in the larval chemosensory tissues of two closely related noctuidae moths, <i>Helicoverpa armigera</i> and <i>H. assulta</i> . <i>PLoS ONE</i> , 2017, 12, e0179243. | 1.1 | 30 |
| 81 | Effects of Acute and Chronic Heavy Metal (Cu, Cd, and Zn) Exposure on Sea Cucumbers (<i>Apostichopus japonicus</i>). <i>BioMed Research International</i> , 2016, 2016, 1-13. | 0.9 | 9 |
| 82 | Identification of novel odorant binding protein genes and functional characterization of OBP8 in <i>Chilo suppressalis</i> (Walker). <i>Gene</i> , 2016, 591, 425-432. | 1.0 | 46 |
| 83 | Sensillar expression and responses of olfactory receptors reveal different peripheral coding in two <i>Helicoverpa</i> species using the same pheromone components. <i>Scientific Reports</i> , 2016, 6, 18742. | 1.6 | 66 |
| 84 | Functional characterization of SlitPBP3 in <i>Spodoptera litura</i> by CRISPR/Cas9 mediated genome editing. <i>Insect Biochemistry and Molecular Biology</i> , 2016, 75, 1-9. | 1.2 | 117 |
| 85 | Transcriptome based identification and tissue expression profiles of chemosensory genes in <i>Blattella germanica</i> (Blattaria: Blattellidae). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2016, 18, 30-43. | 0.4 | 19 |
| 86 | Effects of dietary n-3 highly unsaturated fatty acids (HUFAs) on growth, fatty acid profiles, antioxidant capacity and immunity of sea cucumber <i>Apostichopus japonicus</i> (Selenka). <i>Fish and Shellfish Immunology</i> , 2016, 54, 211-219. | 1.6 | 53 |
| 87 | Behavioral mechanisms underlying the functional response of the swimming crab <i>Portunus trituberculatus</i> preying on the Manila clam <i>Ruditapes philippinarum</i> . <i>Marine Biology</i> , 2016, 163, 1. | 0.7 | 9 |
| 88 | Effect of co-culture of Chinese shrimp (<i>Fenneropenaeus chinensis</i>) and sea cucumber (<i>Apostichopus</i>) Tj ETQq0 0 0 rgBT /Oerlock 10 Tf | 0.6 | 5 |
| 89 | Hypothermal effects on survival, energy homeostasis and expression of energy-related genes of swimming crabs <i>Portunus trituberculatus</i> during air exposure. <i>Journal of Thermal Biology</i> , 2016, 60, 33-40. | 1.1 | 17 |
| 90 | Impact of water temperature on the growth and fatty acid profiles of juvenile sea cucumber <i>Apostichopus japonicus</i> (Selenka). <i>Journal of Thermal Biology</i> , 2016, 60, 155-161. | 1.1 | 22 |

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| 91 | Effects of periodical salinity fluctuation on the growth, molting, energy homeostasis and molting-related gene expression of <i>Litopenaeus vannamei</i> . <i>Journal of Ocean University of China</i> , 2016, 15, 911-917. | 0.6 | 6 |
| 92 | Change of digestive physiology in sea cucumber <i>Apostichopus japonicus</i> (Selenka) induced by corn kernels meal and soybean meal in diets. <i>Journal of Ocean University of China</i> , 2016, 15, 697-703. | 0.6 | 2 |
| 93 | A comparative study of the nutrient uptake and growth capacities of seaweeds <i>Caulerpa lentillifera</i> and <i>Gracilaria lichenoides</i> . <i>Journal of Applied Phycology</i> , 2016, 28, 3083-3089. | 1.5 | 26 |
| 94 | Carbon dioxide and methane fluxes from feeding and no-feeding mariculture ponds. <i>Environmental Pollution</i> , 2016, 212, 489-497. | 3.7 | 77 |
| 95 | Responses of metabolism and haemolymph ions of swimming crab <i>Portunus trituberculatus</i> to thermal stresses: a comparative study between air and water. <i>Aquaculture Research</i> , 2016, 47, 2989-3000. | 0.9 | 9 |
| 96 | The complete mitochondrial genome of the <i>Chrysoperla sinica</i> (Tjeder). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 4059-4060. | 0.7 | 0 |
| 97 | Transference of heavy metals (Hg, Cu, Pb and Zn) with the trophic structure in a polyculture pond: evidence from nitrogen stable isotope. <i>Aquaculture Research</i> , 2016, 47, 1996-2003. | 0.9 | 15 |
| 98 | Regulation of dietary glutamine on the growth, intestinal function, immunity and antioxidant capacity of sea cucumber <i>Apostichopus japonicus</i> (Selenka). <i>Fish and Shellfish Immunology</i> , 2016, 50, 56-65. | 1.6 | 32 |
| 99 | De novo assembly and transcriptome analysis of osmoregulation in <i>Litopenaeus vannamei</i> under three cultivated conditions with different salinities. <i>Gene</i> , 2016, 578, 185-193. | 1.0 | 48 |
| 100 | Effects of dietary rhubarb, <i>Bacillus cereus</i> , yeast polysaccharide, and florfenicol supplementation on growth, intestinal morphology, and immune responses of sea cucumber (<i>Apostichopus japonicus</i>). <i>Aquaculture International</i> , 2016, 24, 675-690. | 1.1 | 17 |
| 101 | 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. | 1.7 | 13 |
| 102 | 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. | 1.7 | 10 |
| 103 | An experimental study on the budget of organic carbon in polyculture systems of swimming crab with white shrimp and short-necked clam. <i>Aquaculture</i> , 2016, 451, 58-64. | 1.7 | 31 |
| 104 | Pheromone binding proteins enhance the sensitivity of olfactory receptors to sex pheromones in <i>Chilo suppressalis</i> . <i>Scientific Reports</i> , 2015, 5, 13093. | 1.6 | 117 |
| 105 | Changes in plasma osmolality, cortisol and amino acid levels of tongue sole (<i>Cynoglossus semilaevis</i>) at different salinities. <i>Journal of Ocean University of China</i> , 2015, 14, 881-887. | 0.6 | 7 |
| 106 | Effect of different thermal regimes on glucose, enzymes involved in glycolysis and HSP70 of <i>Litopenaeus vannamei</i> . <i>Aquaculture Research</i> , 2015, 46, 1707-1720. | 0.9 | 3 |
| 107 | Large-scale mortality and limited expression of heat shock proteins of aestivating sea cucumbers <i>Apostichopus japonicus</i> after acute salinity decrease. <i>Aquaculture Research</i> , 2015, 46, 1573-1581. | 0.9 | 9 |
| 108 | Growth compensation in juvenile tongue sole, <i>Cynoglossus semilaevis</i> (GÅ¼ther, 1873): responses to thermal stress and feed restriction. <i>Aquaculture Research</i> , 2015, 46, 2604-2614. | 0.9 | 4 |

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| 109 | Identification and Characterization of Candidate Chemosensory Gene Families from <i>Spodoptera exigua</i> Developmental Transcriptomes. <i>International Journal of Biological Sciences</i> , 2015, 11, 1036-1048. | 2.6 | 62 |
| 110 | Antennal Transcriptome Analysis and Comparison of Chemosensory Gene Families in Two Closely Related Noctuidae Moths, <i>Helicoverpa armigera</i> and <i>H. assulta</i> . <i>PLoS ONE</i> , 2015, 10, e0117054. | 1.1 | 109 |
| 111 | Large number of putative chemoreception and pheromone biosynthesis genes revealed by analyzing transcriptome from ovipositor-pheromone glands of <i>Chilo suppressalis</i> . <i>Scientific Reports</i> , 2015, 5, 7888. | 1.6 | 69 |
| 112 | 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. | 0.6 | 4 |
| 113 | Intestinal microbiota and immune related genes in sea cucumber (<i>Apostichopus japonicus</i>) response to dietary β -glucan supplementation. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 98-103. | 1.0 | 45 |
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