



中科院水生生物研究所

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近期论文

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序号	标题	刊物名称	卷	期	页码	发表时间
501	Growth and Toxin Production of <i>Gambierdiscus</i> spp. Can Be Regulated by Quorum-Sensing Bacteria	TOXINS	10	7		2018
502	Cyanobacteria and cyanotoxins: responses and detection Preface	JOURNAL OF OCEANOLOGY AND LIMNOLOGY	36	4	1029	2018
503	Regime shift in Lake Dianchi (China) during the last 50 years	JOURNAL OF OCEANOLOGY AND LIMNOLOGY	36	4	1075	2018
504	Fast adsorption of microcystin-LR by Fe(III)-modified powdered activated carbon	JOURNAL OF OCEANOLOGY AND LIMNOLOGY	36	4	1103	2018
505	Assessment of different <i>mcy</i> genes for detecting the toxic to non-toxic <i>Microcystis</i> ratio in the field by multiplex qPCR	JOURNAL OF OCEANOLOGY AND LIMNOLOGY	36	4	1132	2018

506	Molecular detection of microbial communities associated with <i>Microcystis</i> vs <i>Synechococcus</i> dominated waters in Tianjin, China	JOURNAL OF OCEANOLOGY AND LIMNOLOGY	36	4	1145	2018
507	Polyphasic examination on <i>Merismopedia tenuissima</i> CHAB 7021 from Ganjiang River, China revealed the polyphyly of the genus <i>Merismopedia</i> (Cyanobacteria)	JOURNAL OF OCEANOLOGY AND LIMNOLOGY	36	4	1157	2018
508	Preliminary study on the maximum handling size, prey size and species selectivity of growth hormone transgenic and non-transgenic common carp <i>Cyprinus carpio</i> when foraging on gastropods	JOURNAL OF OCEANOLOGY AND LIMNOLOGY	36	4	1425	2018
509	Different physiological roles of insulin receptors in mediating nutrient metabolism in zebrafish	AMERICAN JOURNAL OF PHYSIOLOGY- ENDOCRINOLOGY AND METABOLISM	315	1	E38	2018
510	The contribution of TRPV1 channel to 20-HETE- Aggravated ischemic neuronal injury	PROSTAGLANDINS & OTHER LIPID MEDIATORS	137		63	2018
511	Effects of Aquaculture on Lakes in the Central Yangtze River Basin, China, I. Water Quality	NORTH AMERICAN JOURNAL OF AQUACULTURE	80	3	322	2018
512	Identification of the triacylglycerol lipase in the chloroplast envelope of the diatom <i>Phaeodactylum tricornutum</i>	ALGAL RESEARCH- BIOMASS BIOFUELS AND BIOPRODUCTS	33		440	2018
513	Effects of PSII Manganese-Stabilizing Protein Succinylation on Photosynthesis in the Model Cyanobacterium <i>Synechococcus</i> sp PCC 7002	PLANT AND CELL PHYSIOLOGY	59	7	1466	2018
514	Linking greenhouse gas emissions to urban landscape structure: the relevance of spatial and thematic resolutions of land use/cover data	LANDSCAPE ECOLOGY	33	7	1211	2018
515	The possible effects of anthropogenic acoustic pollution on marine mammals' reproduction: an emerging threat to animal extinction	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	25	20	19338	2018

516	Morphological and Molecular Redefinition of <i>Euplotes platystoma</i> Dragesco & Dragesco-Kerneis, 1986 and <i>Aspidisca lynceus</i> (Muller,1773) Ehrenberg, 1859, with Reconsideration of a "Well-known" <i>Euplotes</i> Ciliate, <i>Euplotes harpa</i> Stein, 1859 (Ciliophora, Euploti	JOURNAL OF EUKARYOTIC MICROBIOLOGY	65	4	531	2018
517	Selection of growth-related genes and dominant genotypes in transgenic Yellow River carp <i>Cyprinus carpio</i> L.	FUNCTIONAL & INTEGRATIVE GENOMICS	18	4	425	2018
518	Sequencing, characterization and phylogenomics of the complete mitochondrial genome of <i>Dactylogyrus lamellatus</i> (Monogenea: Dactylogyridae)	JOURNAL OF HELMINTHOLOGY	92	4	455	2018
519	Origin and transition of sex determination mechanisms in a gynogenetic hexaploid fish	HEREDITY	121	1	64	2018
520	Three Substrains of the Cyanobacterium <i>Anabaena</i> sp Strain PCC 7120 Display Divergence in Genomic Sequences and <i>hetC</i> Function	JOURNAL OF BACTERIOLOGY	200	13		2018
521	Gossypol reduced the intestinal amino acid absorption capacity of young grass carp (<i>Ctenopharyngodon idella</i>)	AQUACULTURE	492		46	2018
522	Functional, signalling and transcriptional differences of three distinct type I IFNs in a perciform fish, the mandarin fish <i>Siniperca chuatsi</i>	DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY	84		94	2018
523	The discrepancy function of NLRC5 isoforms in antiviral and antibacterial immune responses	DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY	84		153	2018
524	Differential expression and functional diversification of diverse immunoglobulin domain-containing protein (DICP) family in three gynogenetic clones of gibel carp	DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY	84		396	2018
525	A Novel and Convenient Method for Early Warning of Algal Cell Density by Chlorophyll Fluorescence Parameters and Its Application in a Highland Lake	FRONTIERS IN PLANT SCIENCE	9			2018
526	Population genetics analysis of the Nujiang catfish <i>Creteuchiloglanis macropterus</i> through a genome-wide single nucleotide polymorphisms resource generated by RAD-seq (vol 7, 2017)	SCIENTIFIC REPORTS	8			2018

527	Cause and effect of N/P ratio decline with eutrophication aggravation in shallow lakes	SCIENCE OF THE TOTAL ENVIRONMENT	627		1294	2018
528	Screening and characterisation of sex differentiation-related long non-coding RNAs in Chinese soft-shell turtle (<i>Pelodiscus sinensis</i>)	SCIENTIFIC REPORTS	8			2018
529	Distinct sperm nucleus behaviors between genotypic and temperature-dependent sex determination males are associated with replication and expression-related pathways in a gynogenetic fish	BMC GENOMICS	19			2018
530	A Numerical Evidence of Biosonar Beam Formation of a Neonate Yangtze Finless Porpoise (<i>Neophocaena asiaeorientalis</i>)	JOURNAL OF THEORETICAL AND COMPUTATIONAL ACOUSTICS	26	2		2018
531	Sex-specific markers developed by next-generation sequencing confirmed an XX/XY sex determination system in bighead carp (<i>Hypophthalmichthys nobilis</i>) and silver carp (<i>Hypophthalmichthys molitrix</i>)	DNA RESEARCH	25	3	257	2018
532	Sex-specific markers developed by next-generation sequencing confirmed an XX/XY sex determination system in bighead carp (<i>Hypophthalmichthys nobilis</i>) and silver carp (<i>Hypophthalmichthys molitrix</i>) (vol 25, pg 257, 2018)	DNA RESEARCH	25	3	341	2018
533	Morphology and morphogenesis of a new soil urostyle ciliate, <i>Australothrix xianiensis</i> nov spec. (Ciliophora, Hypotrichia)	EUROPEAN JOURNAL OF PROTISTOLOGY	64		72	2018
534	Hepatic glucose metabolic responses to digestible dietary carbohydrates in two isogenic lines of rainbow trout	BIOLOGY OPEN	7	6		2018
535	A revisit to fishmeal usage and associated consequences in Chinese aquaculture	REVIEWS IN AQUACULTURE	10	2	493	2018
536	Comparative study on the gut microbiotas of four economically important Asian carp species	SCIENCE CHINA-LIFE SCIENCES	61	6	696	2018
537	Geranylgeranylacetone induction of HSP90 alpha exerts cryoprotective effect on <i>Acipenser sinensis</i> sperm	ANIMAL REPRODUCTION SCIENCE	193		19	2018
538	A protective role of autophagy in TDCIPP-induced developmental neurotoxicity in zebrafish larvae	AQUATIC TOXICOLOGY	199		46	2018

539	Altered gut microbiota associated with intestinal disease in grass carp (<i>Ctenopharyngodon idellus</i>)	WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY	34	6		2018
540	Expression analysis of immune genes in goldfish (<i>Carassius auratus</i>) infected with the monogenean parasite <i>Gyrodactylus kobayashii</i>	FISH & SHELLFISH IMMUNOLOGY	77		40	2018
541	Significant improvement of intestinal microbiota of gibel carp (<i>Carassius auratus gibelio</i>) after traditional Chinese medicine feeding (vol 124, pg 829, 2018)	JOURNAL OF APPLIED MICROBIOLOGY	124	6	1647	2018
542	Feeding habits of the Chinese minnow <i>Rhynchocypris oxycephalus</i> (Sauvage & Dabry de Thiersant, 1874) from the upper Yangtze River, China	JOURNAL OF APPLIED ICHTHYOLOGY	34	3	550	2018
543	Effects of dietary leucine levels on growth, tissue protein content and relative expression of genes related to protein synthesis in juvenile gibel carp (<i>Carassius auratus gibelio</i> var. CAS III)	AQUACULTURE RESEARCH	49	6	2240	2018
544	The reproductive responses of earthworms (<i>Eisenia fetida</i>) exposed to nanoscale zero-valent iron (nZVI) in the presence of decabromodiphenyl ether (BDE209)	ENVIRONMENTAL POLLUTION	237		784	2018
545	Toxicity-associated changes in the invasive cyanobacterium <i>Cylindrospermopsis raciborskii</i> in response to nitrogen fluctuations	ENVIRONMENTAL POLLUTION	237		1041	2018
546	Functional traits mediated cascading effects of water depth and light availability on temporal stability of a macrophyte species	ECOLOGICAL INDICATORS	89		168	2018
547	Evaluating death and activity decay of Anammox bacteria during anaerobic and aerobic starvation	CHEMOSPHERE	201		25	2018
548	Synergistic removal effect of P in sediment of all fractions by combining the modified bentonite granules and submerged macrophyte	SCIENCE OF THE TOTAL ENVIRONMENT	626		458	2018
549	Reconstructing clear water state and submersed vegetation on behalf of repeated flocculation with modified soil in an in situ mesocosm experiment in Lake Taihu	SCIENCE OF THE TOTAL ENVIRONMENT	625		1433	2018
550	Stat5b Regulates Sexually Dimorphic Gene Expression in Zebrafish Liver	FRONTIERS IN PHYSIOLOGY	9			2018

551	Variations in early life history traits of Japanese anchovy <i>Engraulis japonicus</i> in the Yangtze River Estuary	PEERJ	6			2018
552	Comparative mitogenomics supports synonymy of the genera <i>Ligula</i> and <i>Digramma</i> (Cestoda: Diphylobothriidae)	PARASITES & VECTORS	11			2018
553	An orthogonal system for heterologous expression of actinobacterial lasso peptides in <i>Streptomyces</i> hosts	SCIENTIFIC REPORTS	8			2018
554	<i>Balantidium grimi</i> n. sp (Ciliophora, Litostomatea), a new species inhabiting the rectum of the frog <i>Quasipaa spinosa</i> from Lishui, China	PARASITE	25			2018
555	Characterization of Ferredoxin-Dependent Biliverdin Reductase PCYA1 Reveals the Dual Function in Retrograde Bilin Biosynthesis and Interaction With Light-Dependent Protochlorophyllide Oxidoreductase LPOR in <i>Chlamydomonas reinhardtii</i>	FRONTIERS IN PLANT SCIENCE	9			2018
556	Isotope niche dimension and trophic overlap between bigheaded carps and native filter feeding fish in the lower Missouri River, USA	PLOS ONE	13	5		2018
557	Mutual Dependence of Nitrogen and Phosphorus as Key Nutrient Elements: One Facilitates <i>Dolichospermum flos-aquae</i> to Overcome the Limitations of the Other	ENVIRONMENTAL SCIENCE & TECHNOLOGY	52	10	5653	2018
558	Characterization of <i>Microcystis</i> (Cyanobacteria) Genotypes Based on the Internal Transcribed Spacer Region of rRNA by Next-Generation Sequencing	FRONTIERS IN MICROBIOLOGY	9			2018
559	Phytotoxicity, bioaccumulation and potential risks of plant irrigations using cyanobloom-loading freshwater	SCIENCE OF THE TOTAL ENVIRONMENT	624		704	2018
560	Both widespread PEP-CTERM proteins and exopolysaccharides are required for floc formation of <i>Zoogloea resiniphila</i> and other activated sludge bacteria	ENVIRONMENTAL MICROBIOLOGY	20	5	1677	2018
561	The highly heterogeneous methylated genomes and diverse restriction-modification systems of bloom-forming <i>Microcystis</i>	HARMFUL ALGAE	75		87	2018
562	Contrasting patterns of macroinvertebrates inshore vs. offshore in a plateau eutrophic lake: Implications for lake management	LIMNOLOGICA	70		10	2018

563	Acute Toxicity of an Emerging Insecticide Pymetrozine to <i>Procambarus clarkii</i> Associated with Rice-Crayfish Culture (RCIS)	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	15	5		2018
564	Spatial Variation in Trophic Structure of Dominant Fish Species in Lake Dongting, China during Dry Season	WATER	10	5		2018
565	Molecular cloning, expression analysis and localization pattern of the MST family in grass carp (<i>Ctenopharyngodon idella</i>)	FISH & SHELLFISH IMMUNOLOGY	76		316	2018
566	Dietary myo-inositol deficiency decreased intestinal immune function related to NF-kappa B and TOR signaling in the intestine of young grass carp (<i>Ctenopharyngodon idella</i>)	FISH & SHELLFISH IMMUNOLOGY	76		333	2018
567	Physicochemical water quality parameters in typical rice-crayfish integrated systems (RCIS) in China	INTERNATIONAL JOURNAL OF AGRICULTURAL AND BIOLOGICAL ENGINEERING	11	3	54	2018
568	An miR-200 Cluster on Chromosome 23 Regulates Sperm Motility in Zebrafish	ENDOCRINOLOGY	159	5	1982	2018
569	Phylogenic Diversity and Taxonomic Problems of the <i>Dictyosphaerium</i> Morphotype within the <i>Parachlorella</i> Clade (<i>Chlorellaceae</i> , <i>Trebouxiophyceae</i>)	JOURNAL OF EUKARYOTIC MICROBIOLOGY	65	3	382	2018
570	Influence of vertical mixing on light-dependency of phytoplankton growth	LIMNOLOGY AND OCEANOGRAPHY	63	3	1156	2018
571	Evolutionary relationships of two balitorids (<i>Cypriniformes</i> , <i>Balitoridae</i>) revealed by comparative mitogenomics	ZOOLOGICA SCRIPTA	47	3	300	2018
572	Effect of combined water temperature, stocking density and fish meal: Soybean meal ratio in diet on precocity of the crayfish <i>Procambarus clarkii</i> (Girard)	AQUACULTURE RESEARCH	49	5	2081	2018
573	Functional Overlap of <i>hetP</i> and <i>hetZ</i> in Regulation of Heterocyst Differentiation in <i>Anabaena</i> sp Strain PCC 7120	JOURNAL OF BACTERIOLOGY	200	9		2018
574	Strong evidence for changing fish reproductive phenology under climate warming on the Tibetan Plateau	GLOBAL CHANGE BIOLOGY	24	5	2093	2018