



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
601	Production of YY Supermale and XY Physiological Female Common Carp for Potential Eradication of this Invasive Species	JOURNAL OF THE WORLD AQUACULTURE SOCIETY	49	2	315	2018
602	Identification of harmful protozoa in outdoor cultivation of Chlorella and the use of ultrasonication to control contamination	ALGAL RESEARCH-BIOMASS BIOFUELS AND BIOPRODUCTS	31		298	2018
603	Microalgal dewatering using a polyamide thin film composite forward osmosis membrane and fouling mitigation	ALGAL RESEARCH-BIOMASS BIOFUELS AND BIOPRODUCTS	31		421	2018
604	Lipid-extracted algal biomass based biocomposites fabrication with poly (vinyl alcohol)	ALGAL RESEARCH-BIOMASS BIOFUELS AND BIOPRODUCTS	31		525	2018

605	Sources and distribution of microplastics in China's largest inland lake - Qinghai Lake	ENVIRONMENTAL POLLUTION	235		899	2018
606	Exposure to PFDoA causes disruption of the hypothalamus-pituitary-thyroid axis in zebrafish larvae	ENVIRONMENTAL POLLUTION	235		974	2018
607	Comparative study of the immunoprotective effect of two DNA vaccines against grass carp reovirus	FISH & SHELLFISH IMMUNOLOGY	75		66	2018
608	Geographical gradients in the biodiversity of Chinese freshwater molluscs: Implications for conservation	DIVERSITY AND DISTRIBUTIONS	24	4	485	2018
609	Disaccharide combinations and the expression of enolase3 and plasma membrane Ca ²⁺ ATPase isoform in sturgeon sperm cryopreservation	REPRODUCTION IN DOMESTIC ANIMALS	53	2	472	2018
610	Tetrabromobisphenol A caused neurodevelopmental toxicity via disrupting thyroid hormones in zebrafish larvae	CHEMOSPHERE	197		353	2018
611	Outbreak of mass mortality of yearling groupers of <i>Epinephelus</i> (Perciformes, Serranidae) associated with the infection of a suspected new enteric <i>Sphaerospora</i> (Myxozoa: Myxosporaea) species in South China Sea	JOURNAL OF FISH DISEASES	41	4	663	2018
612	Replacing fish meal with vegetable protein sources in feed for juvenile red swamp crayfish, <i>Procambarus clarkii</i> : Effects of amino acids supplementation on growth and feed utilization	AQUACULTURE NUTRITION	24	2	858	2018
613	Ecological and landscape effects on genetic distance in an assemblage of headwater fishes	ECOLOGY OF FRESHWATER FISH	27	2	617	2018
614	Quantification of N ₂ O and NO emissions from a small-scale pond-ditch circulation system for rural polluted water treatment	SCIENCE OF THE TOTAL ENVIRONMENT	619		946	2018
615	Composition and transcription of all interferon regulatory factors (IRFs), IRF1-11 in a perciform fish, the mandarin fish, <i>Siniperca chuatsi</i>	DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY	81		127	2018
616	Ancient duplications and functional divergence in the interferon regulatory factors of vertebrates provide insights into the evolution of vertebrate immune systems	DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY	81		324	2018
617	Claudin7b is required for the formation and function of inner ear in zebrafish	JOURNAL OF CELLULAR PHYSIOLOGY	233	4	3195	2018

618	Growth Hormone Overexpression Disrupts Reproductive Status Through Actions on Leptin	FRONTIERS IN ENDOCRINOLOGY	9			2018
619	Functional and Taxonomic Differentiation of Macrophyte Assemblages Across the Yangtze River Floodplain Under Human Impacts	FRONTIERS IN PLANT SCIENCE	9			2018
620	Divergent transcriptomic responses underlying the ranaviruses-amphibian interaction processes on interspecies infection of Chinese giant salamander	BMC GENOMICS	19			2018
621	Starvation influences the microbiota assembly and expression of immunity-related genes in the intestine of grass carp (<i>Ctenopharyngodon idellus</i>)	AQUACULTURE	489	121		2018
622	E6 Protein Expressed by High-Risk HPV Activates Super-Enhancers of the EGFR and c-MET Oncogenes by Destabilizing the Histone	CANCER RESEARCH	78	6	1418	2018
623	Long-term effects of temperature and nutrient concentrations on the phytoplankton biomass in three lakes with differing trophic statuses on the Yungui Plateau, China	ANNALES DE LIMNOLOGIE-INTERNATIONAL JOURNAL OF LIMNOLOGY	54			2018
624	Programming of the glucose metabolism in rainbow trout juveniles after chronic hypoxia at hatching stage combined with a high dietary carbohydrate: Protein ratios intake at first-feeding	AQUACULTURE	488	1		2018
625	Four new species of the <i>Glyphiulus javanicus</i> group from southern China (Diplopoda, Spirostreptida, Cambalopsidae)	ZOOKEYS		741	155	2018
626	Transcriptomic Profiles of Brain Provide Insights into Molecular Mechanism of Feed Conversion Efficiency in Crucian Carp (<i>Carassius auratus</i>)	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	19	3		2018
627	The morphological and molecular detection for the presence of toxic <i>Cylindrospermopsis</i> (Nostocales, Cyanobacteria) in Beijing city, China	JOURNAL OF OCEANOLOGY AND LIMNOLOGY	36	2	263	2018
628	Fish-mediated changes in bacterioplankton community composition: an in situ mesocosm experiment	JOURNAL OF OCEANOLOGY AND LIMNOLOGY	36	2	341	2018
629	Size-dependent responses of zooplankton to submerged macrophyte restoration in a subtropical shallow lake	JOURNAL OF OCEANOLOGY AND LIMNOLOGY	36	2	376	2018

630	Spatial variations in food web structures with alternative stable states: evidence from stable isotope analysis in a large eutrophic lake	JOURNAL OF OCEANOLOGY AND LIMNOLOGY	36	2	385	2018
631	Hydroacoustic estimates of fish biomass and spatial distributions in shallow lakes	JOURNAL OF OCEANOLOGY AND LIMNOLOGY	36	2	587	2018
632	Investigating the spatiotemporal variation of fish choruses to help identify important foraging habitat for Indo-Pacific humpback dolphins, <i>Sousa chinensis</i>	ICES JOURNAL OF MARINE SCIENCE	75	2	510	2018
633	The improved growth performance and enhanced immune function by DL-methionyl-DL-methionine are associated with NF-kappa B and TOR signalling in intestine of juvenile grass carp (<i>Ctenopharyngodon idella</i>)	FISH & SHELLFISH IMMUNOLOGY	74		101	2018
634	Impaired intestinal immune barrier and physical barrier function by phosphorus deficiency: Regulation of TOR, NF-kappa B, MLCK, JNK and Nrf2 signalling in grass carp (<i>Ctenopharyngodon idella</i>) after infection with <i>Aeromonas hydrophila</i>	FISH & SHELLFISH IMMUNOLOGY	74		175	2018
635	Deficiency of dietary pyridoxine disturbed the intestinal physical barrier function of young grass carp (<i>Ctenopharyngodon idella</i>)	FISH & SHELLFISH IMMUNOLOGY	74		459	2018
636	Molecular characterization of caspase members and expression response to Nervous Necrosis Virus outbreak in Pacific cod	FISH & SHELLFISH IMMUNOLOGY	74		559	2018
637	The impaired immune function and structural integrity by dietary iron deficiency or excess in gill of fish after infection with <i>Flavobacterium columnare</i> : Regulation of NF-kappa B, TOR, JNK, p38MAPK, Nrf2 and MLCK signalling	FISH & SHELLFISH IMMUNOLOGY	74		593	2018
638	Methionine hydroxy analogue supplementation modulates gill immunological and barrier health status of grass carp (<i>Ctenopharyngodon idella</i>)	FISH & SHELLFISH IMMUNOLOGY	74		637	2018
639	N-Glycoproteomic Characterization of Mannosidase and Xylosyltransferase Mutant Strains of <i>Chlamydomonas reinhardtii</i>	PLANT PHYSIOLOGY	176	3	1952	2018
640	<i>Euchlorocystis</i> gen. nov. and <i>Densicystis</i> gen. nov., Two New Genera of Oocystaceae Algae from High-altitude Semi-saline Habitat (Trebouxiophyceae, Chlorophyta)	JOURNAL OF EUKARYOTIC MICROBIOLOGY	65	2	200	2018

641	Multigene-based phylogeny of Urostylida (Ciliophora, Hypotrichia), with establishment of a novel family	ZOOLOGICA SCRIPTA	47	2	243	2018
642	Acetylome Profiling Reveals Extensive Lysine Acetylation of the Fatty Acid Metabolism Pathway in the Diatom <i>Phaeodactylum tricornutum</i>	MOLECULAR & CELLULAR PROTEOMICS	17	3	399	2018
643	Lysine Succinylation Contributes to Aflatoxin Production and Pathogenicity in <i>Aspergillus flavus</i>	MOLECULAR & CELLULAR PROTEOMICS	17	3	457	2018
644	Dysbiosis of gut microbiota by chronic coexposure to titanium dioxide nanoparticles and bisphenol A: Implications for host health in zebrafish	ENVIRONMENTAL POLLUTION	234		307	2018
645	Using the Asian clam as an indicator of microplastic pollution in freshwater ecosystems	ENVIRONMENTAL POLLUTION	234		347	2018
646	Development of the Swimbladder Surfactant System and Biogenesis of Lysosome-Related Organelles Is Regulated by BLOS1 in Zebrafish	GENETICS	208	3	1131	2018
647	Reclassification of <i>Lamprotula rochechouartii</i> as <i>Margaritifera rochechouartii</i> comb. nov. (Bivalvia: Margaritiferidae) revealed by time-calibrated multi-locus phylogenetic analyses and mitochondrial phylogenomics of Unionoida	MOLECULAR PHYLOGENETICS AND EVOLUTION	120		297	2018
648	Biodiversity and distribution of microzooplankton in <i>Spirulina</i> (<i>Arthrospira</i>) <i>platensis</i> mass cultures throughout China	ALGAL RESEARCH-BIOMASS BIOFUELS AND BIOPRODUCTS	30		38	2018
649	FVD: The fish-associated virus database	INFECTION GENETICS AND EVOLUTION	58		23	2018
650	Significant improvement of intestinal microbiota of gibel carp (<i>Carassius auratus gibelio</i>) after traditional Chinese medicine feeding	JOURNAL OF APPLIED MICROBIOLOGY	124	3	829	2018
651	Morphological but no genetic differentiation among fragmented populations of <i>Hemiculter leucisculus</i> (Actinopterygii, Cyprinidae) from a lake complex in the middle Yangtze, China	HYDROBIOLOGIA	809	1	185	2018
652	Effects of dietary vitamin C on growth, gonad development and antioxidant ability of on-growing gibel carp (<i>Carassius auratus gibelio</i> var. CAS III)	AQUACULTURE RESEARCH	49	3	1242	2018

653	Dietary available phosphorus requirement for juvenile gibel carp (<i>Carassius auratus gibelio</i> var. CASIII)	AQUACULTURE RESEARCH	49	3	1284	2018
654	Effects of dietary fishmeal replacement with <i>Spirulina platensis</i> on the growth, feed utilization, digestion and physiological parameters in juvenile gibel carp (<i>Carassius auratus gibelio</i> var. CAS III)	AQUACULTURE RESEARCH	49	3	1320	2018
655	Molecular phylogeny and morphological diversity of inland <i>Cladophora</i> (Cladophorales, Ulvophyceae) from China	PHYCOLOGIA	57	2	191	2018
656	USP2a Supports Metastasis by Tuning TGF-beta Signaling	CELL REPORTS	22	9	2442	2018
657	Draft genome of the protandrous Chinese black porgy, <i>Acanthopagrus schlegelii</i>	GIGASCIENCE	7	4		2018
658	A comparison of the growth and photosynthetic response of <i>Vallisneria natans</i> (Lour.) Hara to a long-term water depth gradient under flowing and static water	JOURNAL OF FRESHWATER ECOLOGY	33	1	223	2018
659	Dysregulation of Intestinal Health by Environmental Pollutants: Involvement of the Estrogen Receptor and Aryl Hydrocarbon Receptor	ENVIRONMENTAL SCIENCE & TECHNOLOGY	52	4	2323	2018
660	Patterns of larval fish assemblages along the direction of freshwater input within the southern branch of the Yangtze Estuary, China: implications for conservation	JOURNAL OF FRESHWATER ECOLOGY	33	1	97	2018
661	Reply to Cao et al.'s comment on "Does the responses of <i>Vallisneria natans</i> (Lour.) Hara to high nitrogen loading differ between the summer high-growth season and the low-growth season? Science of the Total Environment 601-602 (2017) 1513-1521"	SCIENCE OF THE TOTAL ENVIRONMENT	615		1093	2018
662	Dietary stachyose altered the intestinal microbiota profile and improved the intestinal mucosal barrier function of juvenile turbot, <i>Scophthalmus maximus</i> L.	AQUACULTURE	486		98	2018
663	Determinants of submerged macrophytes palatability to grass carp <i>Ctenopharyngodon idellus</i>	ECOLOGICAL INDICATORS	85		657	2018
664	The greater roles of indigenous microorganisms in removing nitrobenzene from sediment compared with the exogenous <i>Phragmites australis</i> and strain JS45	FRONTIERS OF ENVIRONMENTAL SCIENCE & ENGINEERING	12	1		2018

665	Efficacy of macrophyte dominated wastewater inclosure as post-treatment alternative in domestic wastewater quality polishing for eradication of faecal pathogenic bacteria pollution	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	114		192	2018
666	Transcriptomics Sequencing Provides Insights into Understanding the Mechanism of Grass Carp Reovirus Infection	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	19	2		2018
667	Transformation of <i>Fonsecaea pedrosoi</i> into sclerotic cells links to the refractoriness of experimental chromoblastomycosis in BALB/c mice via a mechanism involving a chitin-induced impairment of IFN-gamma production	PLOS NEGLECTED TROPICAL DISEASES	12	2		2018
668	Quantitative study on the survivability of <i>Microcystis</i> colonies in lake sediments	JOURNAL OF APPLIED PHYCOLOGY	30	1	495	2018
669	Protective Immunity Induced by DNA Vaccination against Ranavirus Infection in Chinese Giant Salamander <i>Andrias davidianus</i>	VIRUSES-BASEL	10	2		2018
670	Morphology, cell-division, and phylogeny of <i>Schmidingerothrix elongata</i> spec. nov (Ciliophora, Hypotricha), and brief guide to hypotrichs with Gonostomum-like oral apparatus	EUROPEAN JOURNAL OF PROTISTOLOGY	62		24	2018
671	Enhancement of microbial nitrogen removal pathway by vegetation in Integrated Vertical-Flow Constructed Wetlands (IVCWs) for treating reclaimed water	BIORESOURSE TECHNOLOGY	249		644	2018
672	China-Pakistan Economic Corridor (CPEC): melting glaciers-a potential threat to ecosystem and biodiversity	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	25	4	3209	2018
673	Identification, expression analysis, and antibacterial activity of NK-lysin from common carp <i>Cyprinus carpio</i>	FISH & SHELLFISH IMMUNOLOGY	73		11	2018
674	Sodium butyrate enhanced physical barrier function referring to Nrf2, JNK and MLCK signaling pathways in the intestine of young grass carp (<i>Ctenopharyngodon idella</i>)	FISH & SHELLFISH IMMUNOLOGY	73		121	2018
675	Algal biofuel production coupled bioremediation of biomass power plant wastes based on <i>Chlorella</i> sp C2 cultivation	APPLIED ENERGY	211		296	2018