



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
1401	The role of GSH in microcystin-induced apoptosis in rat liver: Involvement of oxidative stress and NF-kappa B	ENVIRONMENTAL TOXICOLOGY	31	5	552	2016
1402	The rice DUF1620-containing and WD40-like repeat protein is required for the assembly of the restoration of fertility complex	NEW PHYTOLOGIST	210	3	934	2016
1403	A novel allotetraploid gibel carp strain with maternal body type and growth superiority	AQUACULTURE	458		55	2016
1404	Multi-scale temporal dynamics of epilithic algal assemblages: evidence from a Chinese subtropical mountain river network	HYDROBIOLOGIA	770	1	289	2016
1405	Microbial nitrogen removal pathways in integrated vertical-flow constructed wetland systems	BIORESOURCE TECHNOLOGY	207		339	2016

1406	The All-Data-Based Evolutionary Hypothesis of Ciliated Protists with a Revised Classification of the Phylum Ciliophora (Eukaryota, Alveolata)	SCIENTIFIC REPORTS	6			2016
1407	Improved Productivity of Neutral Lipids in <i>Chlorella</i> sp A2 by Minimal Nitrogen Supply	FRONTIERS IN MICROBIOLOGY	7			2016
1408	The neglected nano-specific toxicity of ZnO nanoparticles in the yeast <i>Saccharomyces cerevisiae</i>	SCIENTIFIC REPORTS	6			2016
1409	Farming system transformation yields significant reduction in nutrient loading: Case study of Hongze Lake, Yangtze River Basin, China	AQUACULTURE	457	109		2016
1410	Chronic Exposure of Marine Medaka ( <i>Oryzias melastigma</i> ) to 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (DCOIT) Reveals Its Mechanism of Action in Endocrine Disruption via the Hypothalamus-Pituitary-Gonadal-Liver (HPGL) Axis	ENVIRONMENTAL SCIENCE & TECHNOLOGY	50	8	4492	2016
1411	Flow directionality, mountain barriers and functional traits determine diatom metacommunity structuring of high mountain streams	SCIENTIFIC REPORTS	6			2016
1412	Role and lifestyle of calcified cyanobacteria ( <i>Stanieria</i> ) in Permian-Triassic boundary microbialites	PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY	448	39		2016
1413	A new species of <i>Lamelligomphus</i> Fraser, 1922 (Odonata: Gomphidae) from southern Yunnan, China	ZOOTAXA	4098	3	571	2016
1414	A highly conserved G-rich consensus sequence in hepatitis C virus core gene represents a new anti-hepatitis C target	SCIENCE ADVANCES	2	4		2016
1415	An overview of diversity, occurrence, genetics and toxin production of bloom-forming <i>Dolichospermum</i> ( <i>Anabaena</i> ) species	HARMFUL ALGAE	54	54		2016
1416	Novel Two-Step Hierarchical Screening of Mutant Pools Reveals Mutants under Selection in Chicks	INFECTION AND IMMUNITY	84	4	1226	2016

1417	Jian carp ( <i>Cyprinus carpio</i> var. Jian) intestinal immune responses, antioxidant status and tight junction protein mRNA expression are modulated via Nrf2 and PKC in response to dietary arginine deficiency	FISH & SHELLFISH IMMUNOLOGY	51		116	2016
1418	Dietary alpha-linolenic acid/linoleic acid ratios modulate intestinal immunity, tight junctions, anti-oxidant status and mRNA levels of NF-kappa B p65, MLCK and Nrf2 in juvenile grass carp ( <i>Ctenopharyngodon idella</i> )	FISH & SHELLFISH IMMUNOLOGY	51		351	2016
1419	Thiamin deficiency induces impaired fish gill immune responses, tight junction protein expression and antioxidant capacity: Roles of the NF-kappa B, TOR, p38 MAPK and Nrf2 signaling molecules	FISH & SHELLFISH IMMUNOLOGY	51		373	2016
1420	Immunity decreases, antioxidant system damages and tight junction changes in the intestine of grass carp ( <i>Ctenopharyngodon idella</i> ) during folic acid deficiency: Regulation of NF-kappa B, Nrf2 and MLCK mRNA levels	FISH & SHELLFISH IMMUNOLOGY	51		405	2016
1421	<i>Sinocyclocheilus guanyangensis</i> , a new species of cavefish from the Li-Jiang basin of Guangxi, China (Teleostei: Cyprinidae)	ICHTHYOLOGICAL EXPLORATION OF FRESHWATERS	27	1	1	2016
1422	A review of neurotoxicity of microcystins	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	23	8	7211	2016
1423	Characterization of phosphorus forms in lake macrophytes and algae by solution P-31 nuclear magnetic resonance spectroscopy	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	23	8	7288	2016
1424	Influence of phosphorus availability on the community structure and physiology of cultured biofilms	JOURNAL OF ENVIRONMENTAL SCIENCES	42		19	2016
1425	Characterization of type 2 diacylglycerol acyltransferases in <i>Chlamydomonas reinhardtii</i> reveals their distinct substrate specificities and functions in triacylglycerol biosynthesis	PLANT JOURNAL	86	1	3	2016
1426	Sex differences in the expression of GH/IGF axis genes underlie sexual size dimorphism in the yellow catfish ( <i>Pelteobagrus fulvidraco</i> )	SCIENCE CHINA-LIFE SCIENCES	59	4	431	2016

1427	Redescription of two little-known urostyleid ciliates, <i>Anteholosticha randani</i> (Groliere, 1975) Berger, 2003 and <i>A. antecirrata</i> Berger, 2006 (Ciliophora, Urostyleida)	EUROPEAN JOURNAL OF PROTISTOLOGY	53		96	2016
1428	The key role of CYC2 during meiosis in <i>Tetrahymena thermophila</i>	PROTEIN & CELL	7	4	236	2016
1429	Molecular characterization and expression of ZAP-70 in Nile tilapia ( <i>Oreochromis niloticus</i> ) in response to <i>Streptococcus agalactiae</i> stimulus	GENES & GENOMICS	38	4	321	2016
1430	Systematic identification of seven ribosomal protein genes in bighead carp and their expression in response to microcystin-LR	JOURNAL OF TOXICOLOGICAL SCIENCES	41	2	293	2016
1431	Correlated expression of retrocopies and parental genes in zebrafish	MOLECULAR GENETICS AND GENOMICS	291	2	723	2016
1432	Supplemental description and molecular characterization of <i>Myxobolus miyarii</i> Kudo, 1919 (Myxosporea: Myxobolidae) infecting intestine of Amur catfish ( <i>Silurus asotus</i> )	PARASITOLOGY RESEARCH	115	4	1547	2016
1433	Stimulatory effect of the secretogranin-11 derived peptide secretoneurin on food intake and locomotion in female goldfish ( <i>Carassius auratus</i> )	PEPTIDES	78		42	2016
1434	Knockdown of phosphoenolpyruvate carboxykinase increases carbon flux to lipid synthesis in <i>Phaeodactylum tricorutum</i>	ALGAL RESEARCH-BIOMASS BIOFUELS AND BIOPRODUCTS	15		50	2016
1435	Parentage determination of yellow catfish ( <i>Pelteobagrus Fulvidraco</i> ) based on microsatellite DNA markers	AQUACULTURE INTERNATIONAL	24	2	567	2016
1436	Length-weight relationships of four small fish species caught in the Heishui River, China	JOURNAL OF APPLIED ICHTHYOLOGY	32	2	397	2016
1437	High temperature enhances lipid accumulation in nitrogen-deprived <i>Scenedesmus obtusus</i> XJ-15	JOURNAL OF APPLIED PHYCOLOGY	28	2	831	2016
1438	Experimental evidence for the role of heterotrophic bacteria in the formation of <i>Microcystis</i> colonies	JOURNAL OF APPLIED PHYCOLOGY	28	2	1111	2016

1439	Sustainable farming practices of the Chinese mitten crab ( <i>Eriocheir sinensis</i> ) around Hongze Lake, lower Yangtze River Basin, China	AMBIO	45	3	361	2016
1440	Silver carp exhibited an enhanced ability of biomanipulation to control cyanobacteria bloom compared to bighead carp in hypereutrophic Lake Taihu mesocosms	ECOLOGICAL ENGINEERING	89		7	2016
1441	First records of Enchytraeidae (Annelida, Clitellata) from the Three Parallel Rivers region	ZOOTAXA	4093	2	275	2016
1442	Toward an ecological understanding of a flood-pulse system lake in a tropical ecosystem: Food web structure and ecosystem health	ECOLOGICAL MODELLING	323		1	2016
1443	Sex-dependent effects of microcystin-LR on hypothalamic-pituitary-gonad axis and gametogenesis of adult zebrafish	SCIENTIFIC REPORTS	6			2016
1444	The complete mitochondrial genome sequence of <i>Jinshaia abbreviata</i> (Cypriniformes, Balitoridae)	MITOCHONDRIAL DNA PART A	27	2	951	2016
1445	Organization and characteristics of the major histocompatibility complex class II region in the Yangtze finless porpoise ( <i>Neophocaena asiaeorientalis asiaeorientalis</i> )	SCIENTIFIC REPORTS	6			2016
1446	Microcystin-degrading bacteria affect mcyD expression and microcystin synthesis in <i>Microcystis</i> spp.	JOURNAL OF ENVIRONMENTAL SCIENCES	41		195	2016
1447	Dynamics and polyphasic characterization of odor-producing cyanobacterium <i>Tychonema bourrellyi</i> from Lake Erhai, China	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	23	6	5420	2016
1448	Depth profile of persistent and emerging organic pollutants upstream of the Three Gorges Dam gathered in 2012/2013	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	23	6	5782	2016
1449	Quantitatively evaluating detoxification of the hepatotoxic microcystin-LR through the glutathione (GSH) pathway in SD rats (vol 22, pg 19273, 2015)	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	23	6	5995	2016
1450	Molecular characterization and expression of CD2 in Nile tilapia ( <i>Oreochromis niloticus</i> ) in response to <i>Streptococcus agalactiae</i> stimulus	FISH & SHELLFISH IMMUNOLOGY	50		101	2016

1451	Two hepcidins from spotted scat ( <i>Scatophagus argus</i> ) possess antibacterial and antiviral functions in vitro	FISH & SHELLFISH IMMUNOLOGY	50		191	2016
1452	ELL targets c-Myc for proteasomal degradation and suppresses tumour growth	NATURE COMMUNICATIONS	7			2016
1453	Invasive aquatic plants in China	AQUATIC INVASIONS	11	1	1	2016
1454	Cyanobacterial composition and spatial distribution based on pyrosequencing data in the Gurbantunggut Desert, Northwestern China	JOURNAL OF BASIC MICROBIOLOGY	56	3	308	2016
1455	<i>Rana grylio</i> virus TK and DUT gene locus could be simultaneously used for foreign gene expression	VIRUS RESEARCH	214		33	2016
1456	An informatics-based analysis of developments to date and prospects for the application of microalgae in the biological sequestration of industrial flue gas	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	100	5	2073	2016
1457	Extracellular Polymeric Substances of <i>Aphanizomenon flos-aquae</i> (EPS-A) Induced Apoptosis in Astrocytes of Zebrafish	BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	96	3	320	2016
1458	Fecal Bacterial Composition of the Endangered Yangtze Finless Porpoises Living Under Captive and Semi-natural Conditions	CURRENT MICROBIOLOGY	72	3	306	2016
1459	Growth of rare minnows ( <i>Gobiocypris rarus</i> ) fed different amounts of dietary protein and lipids	LAB ANIMAL	45	3	105	2016
1460	Fish reovirus GCRv-109 VP33 protein elicits protective immunity in rare minnows	ARCHIVES OF VIROLOGY	161	3	573	2016
1461	Morphological and molecular characterization of <i>Myxobolus mucosus</i> sp n. (Myxosporidia: Myxobolidae) with basifilamental sporulation in two cyprinid fishes, <i>Rutilus rutilus</i> (L.) and <i>Leuciscus leuciscus</i> (L.) in Russia	PARASITOLOGY RESEARCH	115	3	1297	2016
1462	Effect of butyl paraben on the development and microbial composition of periphyton	ECOTOXICOLOGY	25	2	342	2016
1463	The metabolites of glutamine prevent hydroxyl radical-induced apoptosis through inhibiting mitochondria and calcium ion involved pathways in fish erythrocytes	FREE RADICAL BIOLOGY AND MEDICINE	92		126	2016

1464	Interactions between the antimicrobial agent triclosan and the bloom-forming cyanobacteria <i>Microcystis aeruginosa</i>	AQUATIC TOXICOLOGY	172	103	2016	
1465	DNA barcoding for the identification of common economic aquatic products in Central China and its application for the supervision of the market trade	FOOD CONTROL	61	79	2016	
1466	Remediation effects of used brick powder on nutrient-laden sediment	DESALINATION AND WATER TREATMENT	57	10	4502	2016
1467	Autotetraploid cell Line induced by SP600125 from crucian carp and its developmental potentiality	SCIENTIFIC REPORTS	6			2016
1468	High frequency of +1 programmed ribosomal frameshifting in <i>Euplotes octocarinatus</i>	SCIENTIFIC REPORTS	6			2016
1469	Proteomic analysis of post translational modifications in cyanobacteria	JOURNAL OF PROTEOMICS	134	57		2016
1470	Diagnosis of a malayan filariasis case using a shotgun diagnostic metagenomics assay	PARASITES & VECTORS	9			2016
1471	Apparent source levels and active communication space of whistles of free-ranging Indo-Pacific humpback dolphins ( <i>Sousa chinensis</i> ) in the Pearl River Estuary and Beibu Gulf, China	PEERJ	4			2016
1472	Prey size diversity hinders biomass trophic transfer and predator size diversity promotes it in planktonic communities	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	283	1824		2016
1473	Molecular characterization of the <i>Igals1</i> gene in large scale loach <i>Paramisgurnus dabryanus</i>	GENE	577	1	65	2016
1474	Effective Biological DeNO <sub>x</sub> of Industrial Flue Gas by the Mixotrophic Cultivation of an Oil-Producing Green Alga <i>Chlorella</i> sp C2	ENVIRONMENTAL SCIENCE & TECHNOLOGY	50	3	1620	2016
1475	Metagenomic Analysis Reveals Symbiotic Relationship among Bacteria in <i>Microcystis</i> -Dominated Community	FRONTIERS IN MICROBIOLOGY	7			2016
1476	Liver-Enriched Gene 1, a Glycosylated Secretory Protein, Binds to FGFR and Mediates an Anti-stress Pathway to Protect Liver Development in Zebrafish	PLOS GENETICS	12	2		2016