

Cited in: *Biological Abstracts, Chemical Abstracts, Current Contents (Agriculture, Biology & Environmental Sciences), EMBASE/Excerpta Medica, EMBiology, FISHLIT, Marine Science Contents, S.C.I., GEOBASE, Elsevier BIOBASE/ Current Awareness in Biological Sciences. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®.*

Original Research Articles

Bisphenol A regulates apolipoprotein A1 expression through estrogen receptors and DNA methylation and leads to cholesterol disorder in rare minnow testis
Y. Zhang, M. Zhang, Z. Zhu, H. Yang, W. Wei, B. Li (China)

105999

Metabolism and cytotoxicity of diphenylarsinic acid, a degradation product of sea-dumped chemical warfare agents, in a rainbow trout liver cell line RTL-W1
H. Niemikoski, K.K. Lehtonen, A. Ahvo, I. Heiskanen, P. Vanninen (Finland)

105993

The critical roles of mitochondrial alternative chains in juvenile ark shells (*Anadara broughtonii*) exposed to acute hypoxia with or without sulfide
Y. Wang, X. Zhang (China)

105996

Temporal exposure to malathion: Biochemical changes in the Amazonian fish tambaqui, *Colossoma macropomum*
S.S.d. Souza, J.d.S. Castro, D.F. Campos, R.S. Pereira, G.A. Bataglioni, G.S.d. Silva, V.M.F.d. Almeida-Val (Brazil)

105997

Influence of salinity on the toxicity of copper and cadmium to Zebrafish embryos
B. Santos (Portugal), T. Andrade (Brazil), I. Domingues, R. Ribeiro, A.M. Soares, I. Lopes (Portugal)

106003

Tartrazine exposure results in histological damage, oxidative stress, immune disorders and gut microbiota dysbiosis in juvenile crucian carp (*Carassius carassius*)
L. Wu, X. Lv, Y. Zhang, Q. Xin, Y. Zou, X. Li (PR China)

105998

Bisphenol AF exposure causes fasting hyperglycemia in zebrafish (*Danio rerio*) by interfering with glycometabolic networks
P. Wei, G. Jiang, H. Wang, S. Ru, F. Zhao (China)

106000

Long-term exposure to cyprodinil causes abnormal zebrafish aggressive and antipredator behavior through the hypothalamic-pituitary-interrenal axis
C. Tang, Y. Zhu, Y. Laziyan, C. Yang, C. He, Z. Zuo (China)

106002

Toxic effects of triclocarban on larval zebrafish: A focus on visual dysfunction
X.-F. Chen, Z.-F. Chen, Z.-C. Lin, X.-L. Liao, T. Zou, Z. Qi, Z. Cai (China)

106013

- Identification, evolution and expression analyses of mapk gene family in Japanese flounder (*Paralichthys olivaceus*) provide insight into its divergent functions on biotic and abiotic stresses response
Y. Qiao, W. Yan, J. He, X. Liu, Q. Zhang, X. Wang (China) 106005
- A multifaceted assessment of the effects of polyethylene microplastics on juvenile gilthead seabreams (*Sparus aurata*)
H. Jacob (French Polynesia), M. Besson (United Kingdom), F. Oberhaensli, A. Taylor (Monaco), B. Gillet, S. Hughes (France), S.D. Melvin (Australia), P. Bustamante (France), P.W. Swarzenski (Monaco), D. Lecchini (French Polynesia), M. Metian (Monaco) 106004
- Effects of long-term cadmium exposure on growth, antioxidant defense and DNA methylation in juvenile Nile tilapia (*Oreochromis niloticus*)
F. Hu, L. Yin, F. Dong, M. Zheng, Y. Zhao, S. Fu, W. Zhang, X. Chen (China) 106014
- Development of a toxicokinetic-toxicodynamic model simulating chronic copper toxicity to the Zebra mussel based on subcellular fractionation
T.T.Y. Le, D. Grabner, M. Nachev (Germany), M.R. García, E. Balsa-Canto (Spain), W.J.G.M. Peijnenburg, A.J. Hendriks (the Netherlands), B. Sures (Germany) 106015
- Lethal and sublethal toxicity of pesticides and vinasse used in sugarcane cultivation to *Ceriodaphnia silvestrii* (Crustacea: Cladocera)
L.C.M. Silva, R.A. Moreira, T.J.S. Pinto, M.R. Vanderlei, D.B. Athayde, L.F.P. Lopes, A.P. Ogura, M.P.C. Yoshii, J.S. Freitas, C.C. Montagner, B.V. Goulart, L. Schiesari (Brazil), M.A. Daam (Portugal), E.L.G. Espíndola (Brazil) 106017
- Exposure to *Deepwater Horizon* crude oil increases free cholesterol in larval red drum (*Sciaenops ocellatus*)
V. McGruer, A.J. Khursigara, J.T. Magnuson, A.J. Esbaugh, J.B. Greer, D. Schlenk (United States) 105988
- Corrigendum**
Corrigendum to Thyroid disrupting effects of halogenated and next generation chemicals on the swim bladder development of zebrafish, *Aquatic Toxicology*, 193 (December 2017), 228-235/
doi.org/10.1016/j.aquatox.2017.10.024.
A. Godfrey, B. Hooser (United States), A. Abdelmoneim (Egypt), K.A. Horzmann, J.L. Freeman (United States), M.S. Sepúlveda (Egypt) 106001