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Original Research Articles

- Crosstalk between heat shock proteins, NRF2, NF- κ B and different endogenous antioxidants during lead-induced hepatotoxicity in *Puntius ticto*
S. Kumar, M. Moniruzzaman, A. Chakraborty, A. Sarbajna, S.B. Chakraborty (India) 105771
- Identification and regulation of ecotoxicity of polychlorinated naphthalenes to aquatic food Chain (green algae-*Daphnia magna*-fish)
W. Gu (China), X. Li (Canada), M. Du, Z. Ren, Q. Li, Y. Li (China) 105774
- The effects of temperature on oil-induced respiratory impairment in red drum (*Sciaenops ocellatus*)
K.L. Ackerly, A.J. Esbaugh (United States) 105773
- Arsenic exposure combined with nano- or microplastic induces different effects in the marine rotifer *Brachionus plicatilis*
H.-M. Kang, E. Byeon, H. Jeong, Y. Lee, U.-K. Hwang, C.-B. Jeong, C. Yoon, J.-S. Lee (South Korea) 105772
- Cadmium-induced Oxidative Stress and Immunosuppression Mediated Mitochondrial Apoptosis via JNK-FoxO3a-PUMA pathway in Common Carp (*Cyprinus carpio* L.) Gills
J. Chen, D. Chen, J. Li, Y. Liu, X. Gu, X. Teng (China) 105775
- Sensitivity of turtles to anticoagulant rodenticides: Risk assessment for green sea turtles (*Chelonia mydas*) in the Ogasawara Islands and comparison of warfarin sensitivity among turtle species
Y. Yamamura, K. Takeda, Y.K. Kawai (Japan), Y. Ikenaka (Japan, South Africa), C. Kitayama, S. Kondo, C. Kezuka, M. Taniguchi, M. Ishizuka, S.M.M. Nakayama (Japan) 105792
- Joint toxicity of imidacloprid and azoxystrobin to *Chironomus dilutus* at organism, cell, and gene levels
F. Wei, D. Wang, H. Li, J. You (China) 105783
- PCB and TCDD derived embryonic cardiac defects result from a novel AhR pathway
C. Singleman, N.G. Holtzman (USA) 105794

<p>DNA methylation and expression of estrogen receptor alpha in fathead minnows exposed to 17α-ethynylestradiol <i>J.K. Fetke, J.W. Martinson, R.W. Flick, W. Huang, D.C. Bencic, M.J. See, E.M. Pilgrim, R.W. Debry, A.D. Biales (United States)</i></p>	<p>105788</p>	<p>Can carbon nanofibers affect anurofauna? Study involving neotropical <i>Physalaemus cuvieri</i> (Fitzinger, 1826) tadpoles <i>A.T.B. Guimarães, F.N. Estrela, A.S.d.L. Rodrigues, R.H. Nóbrega, I. Charlie-Silva, G. Malafaia (Brazil)</i></p>	<p>105795</p>
<p>Fluoride exposure changed the expression of microRNAs in gills of male zebrafish (<i>Danio rerio</i>) <i>J. Chen, Y. Luo, J. Cao, L. Xie (China)</i></p>	<p>105789</p>	<p>Short Communication</p> <p>Uptake, excretion and toxicity of titanate nanotubes in three stains of free-living ciliates of the genus <i>Tetrahymena</i> <i>R. Kong, Q. Sun, S. Cheng, J. Fu, W. Liu (China), R.J. Letcher (Canada), C. Liu (China)</i></p>	<p>105790</p>
<p>Unusual male size vs sperm count relationships in a coastal marine amphipod indicate reproductive impairment by unknown toxicants <i>M.T. Botelho (United Kingdom, Brazil), N. Fuller (United Kingdom), M. Vannuci-Silva (United Kingdom, Brazil), G. Yang, K. Richardson, A.T. Ford (United Kingdom)</i></p>	<p>105793</p>		