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Original Research Articles

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| <p>Physiological, biochemical and transcription effects of roxithromycin before and after phototransformation in <i>Chlorella pyrenoidosa</i>
J. Li, W. Li, Z. Min, Q. Zheng, J. Han, P. Li (China)</p> | 105911 | <p>Imidacloprid induces locomotion impairment of the freshwater crayfish, <i>Procambarus clarkii</i> via neurotoxicity and oxidative stress in digestive system
Y. Huang, Y. Hong, H. Yin, G. Yan, Q. Huang, Z. Li, Z. Huang (China)</p> | 105913 |
| <p>Early life stage transient aristolochic acid exposure induces behavioral hyperactivity but not nephrotoxicity in larval zebrafish
J. Chen, A. Kong (PR China), D. Shelton (United States), H. Dong, J. Li, F. Zhao, C. Bai, K. Huang, W. Mo, S. Chen, H. Xu (PR China), R.L. Tanguay (United States), Q. Dong (PR China)</p> | 105916 | <p>Sediment quality assessment combining chemical and biological (non)target analysis
Y. Choi, M. Kim, S.Y. Ha, G.M. Han, U.H. Yim, J.-H. Jung (Republic of Korea)</p> | 105883 |
| <p>Joint toxicity of lead and cadmium on the behavior of zebrafish larvae: An antagonism
G. Liao, P. Wang, J. Zhu, X. Weng, S. Lin, J. Huang, Y. Xu, F. Zhou, H. Zhang, L.A. Tse, F. Zou, X. Meng (China)</p> | 105912 | <p>Effects of ultraviolet-filters on <i>Daphnia magna</i> development and endocrine-related gene expression
F.N. Lambert, H.R. Gracy, A.J. Gracy, S.H. Yoon, R.W. Scott, D.M. Rincon, C.D. Vulpe (University of Florida Center for Environmental and Human Toxicology University of Florida)</p> | 105915 |
| <p>Polycyclic aromatic hydrocarbons modulate the activity of Atlantic cod (<i>Gadus morhua</i>) vitamin D receptor paralogs <i>in vitro</i>
S.Ø. Goksøyr (Norway), J. Goldstone (USA), R. Lille-Langøy, E.-J. Lock, P.A. Olsvik, A. Goksøyr, O.A. Karlsen (Norway)</p> | 105914 | <p>Application of QSAR for the identification of key molecular fragments and reliable predictions of effects of textile dyes on growth rate and biomass values of <i>Raphidocelis subcapitata</i>
G.K. Jillella, P.K. Ojha, K. Roy (India)</p> | 105925 |
| | | <p>Chronic exposure to environmentally realistic levels of diuron impacts the behaviour of adult marine medaka (<i>Oryzias melastigma</i>)
Y. Zhou, X. Han, Y. Bao, Z. Zhu, J. Huang, C. Yang, C. He, Z. Zuo (China)</p> | 105917 |

- Behavioral effects of early-life exposure to perfluorooctanoic acid might synthetically link to multiple aspects of dopaminergic neuron development and dopamine functions in zebrafish larvae
T. Yu, G. Zhou, Z. Cai, W. Liang, Y. Du, W. Wang (China)
 105926
- Toxicogenomic differentiation of functional responses to fipronil and imidacloprid in *Daphnia magna*
J. Pfaff, H. Reinwald, S.U. Ayobahan, J. Alvincz, B. Göckener, O. Shomroni, G. Salinas, R.-A. Düring, C. Schäfers, S. Eilebrecht (Germany)
 105927
- Developmental toxicity induced by particulate matter (PM_{2.5}) in zebrafish (*Danio rerio*) model
B. Manjunatha (South Korea), B. Deekshitha (India), E. Seo, J. Kim, S.J. Lee (South Korea)
 105928
- Toxicity of boron and vanadium nanoparticles on *Danio rerio* embryos – Phenotypical, biochemical, and behavioral alterations
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- Proposal of integrative scores and biomonitor selection for metal bioaccumulation risk assessment in mine-impacted rivers
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- The brominated flame retardant, TBCO, impairs oocyte maturation in zebrafish (*Danio rerio*)
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- Health status of fathead minnow (*Pimephales promelas*) populations in a municipal wastewater effluent-dominated stream in the Canadian prairies, Wascana Creek, Saskatchewan
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- Nannochloropsis oculata* feed additive alleviates mercuric chloride-induced toxicity in Nile tilapia (*Oreochromis niloticus*)
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 105936
- Concentration addition and independent action assessments of the binary mixtures of four toxicants on zebra mussel (*Dreissena polymorpha*) mortality
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- Consequences of continuous ozonation on the health and welfare of Atlantic salmon post-smolts in a brackish water recirculating aquaculture system
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- Effects of sublethal concentration of metamifop on hepatic lipid metabolism in adult zebrafish (*Danio rerio*)
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