

Contents

Abstracted/Indexed in EMBiology. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®.

<i>Jin Kak Lee, Jin Soo Song, Kee Dal Nam, Hoh-Gyu Hahn, Chang No Yoon.</i> Substituent effects of thiazoline derivatives for fungicidal activities against <i>Magnaporthe grisea</i>	125
<i>Steven B. Symington, Hilliary E. Hodgdon, Richard K. Frisbie, J. Marshall Clark.</i> Binary mixtures of pyrethroids produce differential effects on Ca ²⁺ influx and glutamate release at isolated presynaptic nerve terminals from rat brain	131
<i>R.N. Christian, C. Strobe, H. Ranson, N. Coetzer, M. Coetzee, L.L. Koekemoer.</i> Microarray analysis of a pyrethroid resistant African malaria vector, <i>Anopheles funestus</i> , from southern Africa	140
<i>Anupama Ojha, Santosh K. Yaduvanshi, Nalini Srivastava.</i> Effect of combined exposure of commonly used organophosphate pesticides on lipid peroxidation and antioxidant enzymes in rat tissues	148
<i>Demet Dogan, Canan Can.</i> Endocrine disruption and altered biochemical indices in male <i>Oncorhynchus mykiss</i> in response to dimethoate	157
<i>Nanxiang Wu, Yong Jin, Feng Jin, Yufeng Tan, He Tao, Mingyou Zheng, Riping Chen, Kecheng Liu, Ming Gao.</i> Effects of sulcotrione [2-(2-chloro-4-mesybenzoyl)-cyclohexane-1,3-dione] on enzymes involved in tyrosine catabolism and the extent of the resulting tyrosinemia and its relationship with corneal lesions in rats	162
<i>Abhishek Kumar, ManiRam Prasad, Diwakar Mishra, Sunil K. Srivastav, Ajai K. Srivastav.</i> Botanical pesticide, azadirachtin attenuates blood electrolytes of a freshwater catfish <i>Heteropneustes fossilis</i>	170
<i>Fayez A. Bakry, Ragaa T. Mohamed, Kareem El-Hommossany.</i> Biological and biochemical responses of <i>Biomphalaria alexandrina</i> to some extracts of the plants <i>Solanum siniacum</i> and <i>Artemisia judaica</i> L.	174
<i>Sara R. Rodrigues, Carina Caldeira, Bruno B. Castro, Fernando Gonçalves, Bruno Nunes, Sara C. Antunes.</i> Cholinesterase (ChE) inhibition in pumpkinseed (<i>Lepomis gibbosus</i>) as environmental biomarker: ChE characterization and potential neurotoxic effects of xenobiotics	181
<i>Xiufang Cao, Changshui Chen, Wenchang Lu, Shaoyong Ke.</i> Chiral β -arylalkyl-1 <i>H</i> -1,2,4-triazoles as demethylase inhibitors: Biological evaluation and its stereoselective interaction with sterol 14 α -demethylase from <i>Penicillium digitatum</i>	189
<i>Dean A. Kopsell, Gregory R. Armel, Kristin R. Abney, Jose J. Vargas, James T. Brosnan, David E. Kopsell.</i> Leaf tissue pigments and chlorophyll fluorescence parameters vary among sweet corn genotypes of differential herbicide sensitivity	194
<i>Ales Gregorc, James D. Ellis.</i> Cell death localization <i>in situ</i> in laboratory reared honey bee (<i>Apis mellifera</i> L.) larvae treated with pesticides	200