

- 165 Preface**  
Athanasios Kungolos and Christina Emmanouil
- 166 Effects of selenium diets on growth, accumulation and antioxidant response in juvenile carp**  
Antonia Concetta Elia, Marino Prearo, Nicole Pacini, Ambrosius Josef Martin Dörr and Maria Cesarina Abete
- 174 Determination and aquatic risk assessment of pesticide residues in riparian drainage canals in northeastern Greece**  
Z. Vryzas, C. Alexoudis, G. Vassiliou, K. Galanis and E. Papadopoulou-Mourkidou
- 182 Duckweed *Lemna minor* as a tool for testing toxicity and genotoxicity of surface waters**  
S. Radić, D. Stipaničev, P. Cvjetko, M. Marijanović Rajčić, S. Širac, B. Pevalek-Kozlina and M. Pavlica
- 188 Assessment of wastewater effluent quality in Thessaly region, Greece, for determining its irrigation reuse potential**  
S. Bakopoulou, C. Emmanouil and A. Kungolos
- 195 Responses of *Cynara cardunculus* L. to single and combined cadmium and nickel treatment conditions**  
E.G. Papazoglou
- 203 Effects of ZnO nanomaterials on *Xenopus laevis* growth and development**  
Shawna Nations, Monique Long, Mike Wages, Jaclyn Canas, Jonathan D. Maul, Chris Theodorakis and George P. Cobb