

CONTENTS

Volume 29 Numbers 3–4 2017

Short Note

- Growth of juvenile common snook (*Centropomus undecimalis* Bloch, 1792) reared at different temperatures and salinities: Morphometric parameters, RNA/DNA, and protein/DNA ratios
João Costa Filho, Mônica Yumi Tsuzuki, Giovanni Lemos de Mello, Luiz Cláudio Miletti, Karim Hahn Lüchmann, and Carlos André da Veiga Lima-Rosa 199

Articles

- Response of Nile tilapia (*Oreochromis niloticus*) to diet acidification: Effect on growth performance and feed utilization
Magdy A. Soltan, Mohamed S. Hassaan, and Rasha N. Meshrf 207
- Effects of probiotic *Pediococcus acidilactici* on growth performance, survival rate, and stress resistance of Persian sturgeon (*Acipenser persicus*)
Fateme Taridashti, Khayyam Delafkar, Amin Zare, and Ghobad Azari-Takami 220
- Fabrication and in-pond operation of a low-cost, semiautomated portable carp hatchery with a temperature-adjustability feature
Himanshu Priyadarshi, Rekha Das, Satya Prakash, Atom Arun Singh, Arun Bhai Patel, and Pramod Kumar Pandey 233
- Hybrid catfish (σ *Ictalurus punctatus* X ♀ *Ictalurus furcatus*) production: Does mixed-size production make economic sense?
Carole Engle, Nilima Renukdas, Jeonghwan Park, and Patrick Rees 245
- Growth performance and feed utilization of *Haliotis tuberculata coccinea* (Reeve) juveniles from the Azores (north-eastern Atlantic Ocean): An assay of three mono algae diets
B. Paulino, M. De Girolamo, N. Bandarra, C. Nunes, J. Rodeia, and E. Isidro 256
- Effects of lysine and tryptophan supplementations in plant protein-based diets on the performance of Nile tilapia (*Oreochromis niloticus*)
Osama El-Husseiny, Ehab R. El-Haroun, Ashraf Goda, Ibrahim Hassan, Brittany Woodward, and Ashraf Suloma 266
- Effects of transportation timing on osmoregulation and survival in yearling hatchery Chinook salmon (*Oncorhynchus tshawytscha*)
Heather A. Stewart, Karen M. Cogliati, Eric J. Billman, Rob Chitwood, Julia R. Unrein, David L. G. Noakes, and Carl B. Schreck 277
- Adsorptive performance of granular activated carbon in aquaculture and aquaria: A simplified method
Daniel P. Taylor, Stephen A. Smith, and David D. Kuhn 291
- Review**
- Nutritive value of copra cake meal fermented with *Rhizopus* spp. and its use as a protein source in practical diets for rabbitfish (*Siganus javus*)
Asda Laining, Usman Usman, and Rachman Syah 307
- Technical Note**
- Immunomodulatory effect of Guavarine®, aqueous guava leaf extract, on ornamental Koi carp *Cyprinus carpio* var. *koi* L. 1758
Master David, T. Jawahar Abraham, T. S. Nagesh, and Harresh Adikesavalu 322