

In this issue

Research Article

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Acute Toxicity of Mercury Chloride (HgCl₂) and Cadmium Chloride (CdCl₂) on the behavior of freshwater fish, *Percocypris Pingi*

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Author(s): Dengyue Yuan*, Lan Huang, Ling Zeng, Sheng Liu, Zhengjian He, Ming Zhao, Jupan Feng and Chuanjie Qin

The present study was performed to examine acute toxicity of two water-borne metals (Hg and Cd) by static bioassays. Fingerlings *Percocypris pingi* (*P. pingi*) were exposed to a range of concentrations of heavy metals and the mortality rate were investigated after 24, 48, 72 and 96h. ...

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Longterm Monitoring of Nitrification and Nitrifying Communities during Biofilter Activation of Two Marine Recirculation Aquaculture Systems (RAS)

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Author(s): Sabine Keuter, Stefanie Beth, Gerrit Quantz, Carsten Schulz and Eva Spieck*

Biofilters are crucial and costly components in marine recirculating aquaculture systems. However, not much is known about the settlement of nitrifying organisms and developing nitrification rates during the start-up phases of these reactors.

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Review Article

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The Color of Marine Shrimps and Its Role in the Aquaculture

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Author(s): Carlos E Bernal Rodríguez, Angélica Carvajal García, Jesús T Ponce- Palafox*, Milton Spanopoulos- Hernández, Dagoberto Puga-López, José Luis Arredondo-Figueroa and Leonardo Martínez Cárdenas

In the present review, we have described aspects of the color of marine shrimp of importance in aquaculture (mainly *Penaeus japonicus*, *Litopenaeus vannamei* and *Penaeus monodon*) and in the world. It is generally described some ecological aspects and some factors that affect the color of the shrimp. ...

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