

Thomas Meinelt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11495833/publications.pdf>

Version: 2024-02-01

30
papers

1,318
citations

361413

20
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

1338
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Dissolved humic substances - ecological driving forces from the individual to the ecosystem level?. <i>Freshwater Biology</i> , 2006, 51, 1189-1210. | 2.4 | 242 |
| 2 | Sustainable aquaculture requires environmental-friendly treatment strategies for fish diseases. <i>Reviews in Aquaculture</i> , 2020, 12, 943-965. | 9.0 | 159 |
| 3 | Humic substances. <i>Environmental Science and Pollution Research</i> , 2008, 15, 128-135. | 5.3 | 106 |
| 4 | Reduction in vegetative growth of the water mold <i>Saprolegnia parasitica</i> (Coker) by humic substance of different qualities. <i>Aquatic Toxicology</i> , 2007, 83, 93-103. | 4.0 | 75 |
| 5 | Interaction of cadmium toxicity in embryos and larvae of zebrafish (<i>Danio rerio</i>) with calcium and humic substances. <i>Aquatic Toxicology</i> , 2001, 54, 205-215. | 4.0 | 72 |
| 6 | Peracetic acid degradation in freshwater aquaculture systems and possible practical implications. <i>Aquacultural Engineering</i> , 2013, 53, 65-71. | 3.1 | 57 |
| 7 | Acute toxicity of peracetic acid (PAA) formulations to <i>Ichthyophthirius multifiliis</i> theronts. <i>Parasitology Research</i> , 2009, 104, 1237-1241. | 1.6 | 53 |
| 8 | Humic substances affect physiological condition and sex ratio of swordtail (<i>Xiphophorus helleri</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 4 | 1.5 | 45 |
| 9 | Evaluation of continuous 4-day exposure to peracetic acid as a treatment for <i>Ichthyophthirius multifiliis</i> . <i>Parasitology Research</i> , 2010, 106, 539-542. | 1.6 | 41 |
| 10 | Cadmium accumulation in zebrafish (<i>Danio rerio</i>) eggs is modulated by dissolved organic matter (DOM). <i>Aquatic Toxicology</i> , 2006, 79, 185-191. | 4.0 | 35 |
| 11 | Reduction of <i>in vitro</i> growth in <i>Flavobacterium columnare</i> and <i>Saprolegnia parasitica</i> by products containing peracetic acid. <i>Aquaculture Research</i> , 2012, 43, 1861-1866. | 1.8 | 34 |
| 12 | Pulse versus continuous peracetic acid applications: Effects on rainbow trout performance, biofilm formation and water quality. <i>Aquacultural Engineering</i> , 2017, 77, 72-79. | 3.1 | 33 |
| 13 | Can dissolved aquatic humic substances reduce the toxicity of ammonia and nitrite in recirculating aquaculture systems?. <i>Aquaculture</i> , 2010, 306, 378-383. | 3.5 | 31 |
| 14 | Humic substances. <i>Environmental Science and Pollution Research</i> , 2008, 15, 17-22. | 5.3 | 30 |
| 15 | Toxicity of Peracetic Acid to Fish: Variation among Species and Impact of Water Chemistry. <i>Journal of the World Aquaculture Society</i> , 2018, 49, 715-724. | 2.4 | 30 |
| 16 | Phenol-rich fulvic acid as a water additive enhances growth, reduces stress, and stimulates the immune system of fish in aquaculture. <i>Scientific Reports</i> , 2021, 11, 174. | 3.3 | 28 |
| 17 | Salinity, dissolved organic carbon and water hardness affect peracetic acid (PAA) degradation in aqueous solutions. <i>Aquacultural Engineering</i> , 2014, 60, 35-40. | 3.1 | 27 |
| 18 | Acute toxicity and histopathology of channel catfish fry exposed to peracetic acid. <i>Aquaculture</i> , 2012, 342-343, 134-138. | 3.5 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Periodic bacterial control with peracetic acid in a recirculating aquaculture system and its long-term beneficial effect on fish health. <i>Aquaculture</i> , 2018, 485, 154-159. | 3.5 | 25 |
| 20 | Peracetic acid is a suitable disinfectant for recirculating fish-microalgae integrated multi-trophic aquaculture systems. <i>Aquaculture Reports</i> , 2016, 4, 136-142. | 1.7 | 24 |
| 21 | Alternative prophylaxis/disinfection in aquaculture - Adaptable stress induced by peracetic acid at low concentration and its application strategy in RAS. <i>Aquaculture</i> , 2017, 474, 82-85. | 3.5 | 20 |
| 22 | Confirmation that pulse and continuous peracetic acid administration does not disrupt the acute stress response in rainbow trout. <i>Aquaculture</i> , 2018, 492, 190-194. | 3.5 | 20 |
| 23 | Comparison of the Toxicity of Wofasteril Peracetic Acid Formulations E400, E250, and Lspez to <i>Daphnia magna</i> , with Emphasis on the Effect of Hydrogen Peroxide. <i>North American Journal of Aquaculture</i> , 2015, 77, 128-135. | 1.4 | 19 |
| 24 | Effect of water hardness on peracetic acid toxicity to zebrafish, <i>Danio rerio</i> , embryos. <i>Aquaculture International</i> , 2013, 21, 679-686. | 2.2 | 16 |
| 25 | Antioxidative, histological and immunological responses of rainbow trout after periodic and continuous exposures to a peracetic acid-based disinfectant. <i>Aquaculture</i> , 2020, 520, 734956. | 3.5 | 16 |
| 26 | Fulvic acid accelerates hatching and stimulates antioxidative protection and the innate immune response in zebrafish larvae. <i>Science of the Total Environment</i> , 2021, 796, 148780. | 8.0 | 16 |
| 27 | Effectiveness of copper sulphate, potassium permanganate and peracetic acid to reduce mortality and infestation of <i>Ichthyobodo necator</i> in channel catfish <i>Ictalurus punctatus</i> (Rafinesque) Tj ETQq1 1 0.784314 rgBT4/Overlo | 1.0 | 14 |
| 28 | Absence of Handling-Induced Saprolegnia Infection in Juvenile Rainbow Trout with Implications for Catch-and-Release Angling. <i>North American Journal of Fisheries Management</i> , 2014, 34, 1221-1226. | 1.0 | 8 |
| 29 | Modification of the chemically induced inflammation assay reveals the Janus face of a phenol rich fulvic acid. <i>Scientific Reports</i> , 2022, 12, 5886. | 3.3 | 7 |
| 30 | Effect of water hardness/alkalinity and humic substances on the toxicity of peracetic acid to zebrafish embryos and pathogenic isolates. <i>Aquaculture Reports</i> , 2021, 21, 100900. | 1.7 | 4 |