

Thomas Meinelt

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,318
citations

361413

20
h-index

454955

30
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31
all docs

31
docs citations

31
times ranked

1338
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Sustainable aquaculture requires environmentalâ€friendly treatment strategies for fish diseases. <i>Reviews in Aquaculture</i> , 2020, 12, 943-965.	9.0	159
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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) <i>Tj ETQq0 0 0 rgBTg/Overlock 10 Tf 50</i>		
17	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
18	Peracetic acid degradation in freshwater aquaculture systems and possible practical implications. <i>Aquacultural Engineering</i> , 2013, 53, 65-71.	3.1	57

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19	Acute toxicity and histopathology of channel catfish fry exposed to peracetic acid. <i>Aquaculture</i> , 2012, 342-343, 134-138.	3.5	25
20	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
21	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
22	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
23	Acute toxicity of peracetic acid (PAA) formulations to <i>Ichthyophthirius multifiliis</i> theronts. <i>Parasitology Research</i> , 2009, 104, 1237-1241.	1.6	53
24	Humic substances. <i>Environmental Science and Pollution Research</i> , 2008, 15, 128-135.	5.3	106
25	Humic substances. <i>Environmental Science and Pollution Research</i> , 2008, 15, 17-22.	5.3	30
26	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
27	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
28	Dissolved humic substances - ecological driving forces from the individual to the ecosystem level?. <i>Freshwater Biology</i> , 2006, 51, 1189-1210.	2.4	242
29	Humic substances affect physiological condition and sex ratio of swordtail (<i>Xiphophorus helleri</i>) Tj ETQq1 1 0.784314 rgBT /Qverlock 10 1.5 45	1.5	45
30	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