

Malthe Hvas

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

738
citations

516710

16
h-index

642732

23
g-index

26
all docs

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docs citations

26
times ranked

479
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of thermal acclimation on aerobic scope and critical swimming speed in Atlantic salmon <i>Salmo salar</i> . <i>Journal of Experimental Biology</i> , 2017, 220, 2757-2764.	1.7	75
2	Fish welfare in offshore salmon aquaculture. <i>Reviews in Aquaculture</i> , 2021, 13, 836-852.	9.0	67
3	Metabolic and functional impacts of hypoxia vary with size in Atlantic salmon. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 231, 30-38.	1.8	52
4	Critical swimming speed in groups of Atlantic salmon <i>Salmo salar</i> . <i>Aquaculture Environment Interactions</i> , 2016, 8, 659-664.	1.8	51
5	The gill parasite <i>Paramoeba perurans</i> compromises aerobic scope, swimming capacity and ion balance in Atlantic salmon. , 2017, 5, cox066.		49
6	Metabolic rates, swimming capabilities, thermal niche and stress response of the lumpfish, <i>Cyclopterus lumpus</i> . <i>Biology Open</i> , 2018, 7, .	1.2	42
7	Assessing swimming capacity and schooling behaviour in farmed Atlantic salmon <i>Salmo salar</i> with experimental push-cages. <i>Aquaculture</i> , 2017, 473, 423-429.	3.5	39
8	Heart rate bio-loggers as welfare indicators in Atlantic salmon (<i>Salmo salar</i>) aquaculture. <i>Aquaculture</i> , 2020, 529, 735630.	3.5	37
9	Influence of experimental set-up and methodology for measurements of metabolic rates and critical swimming speed in Atlantic salmon <i>Salmo salar</i> . <i>Journal of Fish Biology</i> , 2019, 95, 893-902.	1.6	36
10	Physiological responses of farmed Atlantic salmon and two cohabitant species of cleaner fish to progressive hypoxia. <i>Aquaculture</i> , 2019, 512, 734353.	3.5	33
11	Sustained swimming capacity of Atlantic salmon. <i>Aquaculture Environment Interactions</i> , 2017, 9, 361-369.	1.8	32
12	Physiological performance of ballan wrasse (<i>Labrus bergylta</i>) at different temperatures and its implication for cleaner fish usage in salmon aquaculture. <i>Biological Control</i> , 2019, 135, 117-123.	3.0	27
13	Fish welfare based classification method of ocean current speeds at aquaculture sites. <i>Aquaculture Environment Interactions</i> , 2019, 11, 249-261.	1.8	25
14	Oxygen Uptake and Osmotic Balance of Atlantic Salmon in Relation to Exercise and Salinity Acclimation. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	23
15	Full compensatory growth before harvest and no impact on fish welfare in Atlantic salmon after an 8-week fasting period. <i>Aquaculture</i> , 2022, 546, 737415.	3.5	22
16	The effect of environmental hypercapnia and size on nitrite toxicity in the striped catfish (<i>Pangasianodon hypophthalmus</i>). <i>Aquatic Toxicology</i> , 2016, 176, 151-160.	4.0	21
17	The metabolic rate response to feed withdrawal in Atlantic salmon post-smolts. <i>Aquaculture</i> , 2020, 529, 735690.	3.5	20
18	Skeletal deformities in wild and farmed cleaner fish species used in Atlantic salmon <i>Salmo salar</i> aquaculture. <i>Journal of Fish Biology</i> , 2021, 98, 1049-1058.	1.6	15

#	ARTICLE	IF	CITATIONS
19	The effect of fasting period on swimming performance, blood parameters and stress recovery in Atlantic salmon post smolts. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 255, 110913.	1.8	14
20	Heart rates of Atlantic salmon <i>Salmo salar</i> during a critical swim speed test and subsequent recovery. <i>Journal of Fish Biology</i> , 2021, 98, 102-111.	1.6	12
21	Energetic costs of ectoparasite infection in Atlantic salmon. <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	12
22	Is it advantageous for Atlantic salmon to be triploid at lower temperatures?. <i>Journal of Thermal Biology</i> , 2020, 89, 102548.	2.5	10
23	Water pH limits extracellular but not intracellular pH compensation in the CO ₂ tolerant freshwater fish, <i>Pangasianodon hypophthalmus</i> . <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	9
24	Sentinels in Salmon Aquaculture: Heart Rates Across Seasons and During Crowding Events. <i>Frontiers in Physiology</i> , 2021, 12, 755659.	2.8	8
25	Swimming energetics of Atlantic salmon in relation to extended fasting at different temperatures. , 2022, 10, .		6
26	Influence of photoperiod and protocol length on metabolic rate traits in ballan wrasse <i>Labrus bergylta</i> . <i>Journal of Fish Biology</i> , 2022, 100, 687-696.	1.6	1