

# Albin GrÃ¶ns

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

920  
citations

516561

16  
h-index

552653

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerobic scope fails to explain the detrimental effects on growth resulting from warming and elevated CO <sub>2</sub> in Atlantic halibut. <i>Journal of Experimental Biology</i> , 2014, 217, 711-717.	0.8	197
2	Physiological constraints to climate warming in fish follow principles of plastic floors and concrete ceilings. <i>Nature Communications</i> , 2016, 7, 11447.	5.8	192
3	The final countdown: Continuous physiological welfare evaluation of farmed fish during common aquaculture practices before and during harvest. <i>Aquaculture</i> , 2018, 495, 903-911.	1.7	75
4	Cardiac oxygen limitation during an acute thermal challenge in the European perch: effects of chronic environmental warming and experimental hyperoxia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R440-R449.	0.9	59
5	Remote physiological monitoring provides unique insights on the cardiovascular performance and stress responses of freely swimming rainbow trout in aquaculture. <i>Scientific Reports</i> , 2019, 9, 9090.	1.6	35
6	Postprandial changes in enteric electrical activity and gut blood flow in rainbow trout ( <i>Oncorhynchus mykiss</i> ) acclimated to different temperatures. <i>Journal of Experimental Biology</i> , 2009, 212, 2550-2557.	0.8	32
7	Influence of the coronary circulation on thermal tolerance and cardiac performance during warming in rainbow trout. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 312, R549-R558.	0.9	30
8	Can't beat the heat? Importance of cardiac control and coronary perfusion for heat tolerance in rainbow trout. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2019, 189, 757-769.	0.7	26
9	Effects of acute temperature changes on gut physiology in two species of sculpin from the west coast of Greenland. <i>Polar Biology</i> , 2013, 36, 775-785.	0.5	25
10	Post-Surgical Analgesia in Rainbow Trout: Is Reduced Cardioventilatory Activity a Sign of Improved Animal Welfare or the Adverse Effects of an Opioid Drug?. <i>PLoS ONE</i> , 2014, 9, e95283.	1.1	24
11	Importance of the coronary circulation for cardiac and metabolic performance in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Biology Letters</i> , 2018, 14, 20180063.	1.0	24
12	Increased gastrointestinal blood flow: An essential circulatory modification for euryhaline rainbow trout ( <i>Oncorhynchus mykiss</i> ) migrating to sea. <i>Scientific Reports</i> , 2015, 5, 10430.	1.6	22
13	Bigger is not better: cortisol-induced cardiac growth and dysfunction in salmonids. <i>Journal of Experimental Biology</i> , 2017, 220, 2545-2553.	0.8	22
14	Hemodynamic responses to warming in euryhaline rainbow trout -implications of the osmo-respiratory compromise. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	21
15	Exposure to seawater increases intestinal motility in euryhaline rainbow trout ( <i>Oncorhynchus</i> ) Tj ETQq1 1 0.784314 rgBT /Overloc 19	0.8	19
16	Cardiorespiratory upregulation during seawater acclimation in rainbow trout: effects on gastrointestinal perfusion and postprandial responses. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R858-R865.	0.9	17
17	Coronary blood flow influences tolerance to environmental extremes in fish. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	17
18	In vivo aerobic metabolism of the rainbow trout gut and the effects of an acute temperature increase and stress event. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	13

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19	Form, Function and Control of the Vasculature. <i>Fish Physiology</i> , 2017, 36, 369-433.	0.2	12
20	Non-invasive recording of brain function in rainbow trout: Evaluations of the effects of MS-222 anaesthesia induction. <i>Aquaculture Research</i> , 2019, 50, 3420-3428.	0.9	12
21	Effects of prophylactic antibiotic-treatment on post-surgical recovery following intraperitoneal bio-logger implantation in rainbow trout. <i>Scientific Reports</i> , 2020, 10, 5583.	1.6	12
22	Seawater acclimation affects cardiac output and adrenergic control of blood pressure in rainbow trout ( <i>Oncorhynchus mykiss</i> )—implications for salinity variations now and in the future. , 2018, 6, 061.		8
23	Socially induced stress and behavioural inhibition in response to angling exposure in rainbow trout. <i>Fisheries Management and Ecology</i> , 2019, 26, 611-620.	1.0	8
24	Effects of coeliacomesenteric blood flow reduction on intestinal barrier function in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Journal of Fish Biology</i> , 2018, 93, 519-527.	0.7	7
25	Evaluation of the reliability of indicators of consciousness during CO <sub>2</sub> stunning of rainbow trout and the effects of temperature. <i>Aquaculture Research</i> , 2020, 51, 5194-5202.	0.9	5
26	Energetic savings and cardiovascular dynamics of a marine euryhaline fish ( <i>Myoxocephalus scorpius</i> ) in reduced salinity. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 301-311.	0.7	4
27	Continuous gastric saline perfusion elicits cardiovascular responses in freshwater rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, , 1.	0.7	2
28	Telemetric recording of gastrointestinal blood flow and the effects of thermoregulatory behavior in an ectotherm. <i>FASEB Journal</i> , 2009, 23, .	0.2	0