

# Albin GrÃ¶ns

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7308848/publications.pdf>

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  | 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         |
| 2  | Coronary blood flow influences tolerance to environmental extremes in fish. <i>Journal of Experimental Biology</i> , 2021, 224, .  | 0.8 | 17        |
| 3  | 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         |
| 4  | 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         |
| 5  | 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        |
| 6  | Non-invasive recording of brain function in rainbow trout: Evaluations of the effects of MS <sup>222</sup> anaesthesia induction. <i>Aquaculture Research</i> , 2019, 50, 3420-3428.   | 0.9 | 12        |
| 7  | 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        |
| 8  | 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         |
| 9  | 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        |
| 10 | 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        |
| 11 | 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, coy061.                                    |     | 8         |
| 12 | 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        |
| 13 | 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        |
| 14 | 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         |
| 15 | 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        |
| 16 | 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        |
| 17 | Exposure to seawater increases intestinal motility in euryhaline rainbow trout ( <i>Oncorhynchus</i> ) Tj ETQq1 1 0.784314 rgBT /Overloc   | 0.8 | 19        |
| 18 | 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        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Form, Function and Control of the Vasculature. <i>Fish Physiology</i> , 2017, 36, 369-433.  | 0.2 | 12        |
| 20 | 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        |
| 21 | 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       |
| 22 | 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        |
| 23 | 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        |
| 24 | 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        |
| 25 | 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       |
| 26 | 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        |
| 27 | 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        |
| 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         |