

Lag Adjustment Between Estimated and Actual Physiological Flow-Through Systems

Journal of the Fisheries Research Board of Canada

35, 1265-1269

DOI: 10.1139/f78-197

Citation Report

#	ARTICLE	IF	CITATIONS
1	The Twin-Flow Microrespirometer and Simultaneous Calorimetry. , 1983, , 134-166.		37
2	The influence of diet and fish density on apparent heat increment in rainbow trout, <i>Salmo gairdneri</i> . <i>Aquaculture</i> , 1985, 47, 1-10.	3.5	66
3	Effect of permethrin (NRDC-143) on the bioenergetics of rainbow trout, <i>Salmo gairdneri</i> . <i>Aquatic Toxicology</i> , 1986, 9, 47-58.	4.0	22
4	Response of the respiratory rate of <i>Daphnia magna</i> to changing food conditions. <i>Oecologia</i> , 1986, 70, 495-501.	2.0	63
5	Dietary carbohydrate and growth, body composition and heat increment in rainbow trout (<i>Salmo</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.3	38
6	Observations of poor swimming performance among hatchery-reared rainbow trout, <i>Salmo gairdneri</i> . <i>Environmental Biology of Fishes</i> , 1987, 18, 309-311.	1.0	30
7	Cardiac, ventilatory and metabolic responses of two ecologically dissimilar species of fish to waterborne cyanide. <i>Fish Physiology and Biochemistry</i> , 1988, 4, 203-219.	2.3	13
8	Acclimation effects on routine oxygen consumption of the Antarctic fish <i>Pogonophryne scotti</i> (Arteidraconidae). <i>Polar Biology</i> , 1988, 9, 125-128.	1.2	20
9	Apparent heat increment and feeding strategy in walleye, <i>Stizostedion vitreum vitreum</i> . <i>Aquaculture</i> , 1988, 68, 73-82.	3.5	24
10	Diurnal routine O ₂ consumption at different O ₂ concentrations by <i>Colossoma macropomum</i> and <i>Colossoma brachypomum</i> (Teleostei: Serrasalmidae). <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1988, 89, 675-682.	0.6	21
11	Some errors in respirometry of aquatic breathers: How to avoid and correct for them. <i>Fish Physiology and Biochemistry</i> , 1989, 6, 49-59.	2.3	508
12	Oxygen consumption and acid-base balance during shallow hypothermia in the pigeon. <i>Respiration Physiology</i> , 1992, 88, 193-204.	2.7	14
13	Blood Hemoglobin Content and Metabolic Performance of Arctic Tern Chicks <i>Sterna paradisaea</i> . <i>Journal of Avian Biology</i> , 1996, 27, 112.	1.2	14
14	Dietary essential amino acids and heat increment in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Fish Physiology and Biochemistry</i> , 1996, 15, 105-120.	2.3	25
15	Ontogeny of deep-body cold sensitivity in Pekin ducklings <i>Anas platyrhynchos</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1997, 167, 241-248.	1.5	12
16	On-line determination of respiration rates of aquatic organisms in a mono-phase oxystat at steady-state dissolved oxygen tensions. <i>Marine Biology</i> , 1997, 128, 181-189.	1.5	12
17	Repeatability of basal metabolism in breeding female kittiwakes <i>Rissa tridactyla</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 2161-2167.	2.6	101
18	Influence of body composition on the metabolic rate of nestling European shags (<i>Phalacrocorax</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.5	32

#	ARTICLE	IF	CITATIONS
19	A modified Blazka-type respirometer for the study of swimming metabolism in fishes having deep, laterally compressed bodies or unusual locomotor modes. <i>Journal of Fish Biology</i> , 2000, 56, 1017-1022.	1.6	4
21	Determination of Niclosamide Residues in Rainbow Trout (<i>Oncorhynchus mykiss</i>) and Channel Catfish (<i>Ictalurus punctatus</i>) Fillet Tissue by High-Performance Liquid Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 2212-2215.	5.2	33
22	Individual Variation in Field Metabolic Rate of Kittiwakes (<i>Rissa tridactyla</i>) during the Chickâ€Rearing Period. <i>Physiological and Biochemical Zoology</i> , 2001, 74, 343-355.	1.5	61
23	Specific dynamic action and carbon incorporation in <i>Calanus finmarchicus</i> copepodites and females. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002, 272, 159-169.	1.5	24
24	Accuracy and precision of aquatic respirometers with emphasis on monophasic oxystats. <i>Fish Physiology and Biochemistry</i> , 2002, 26, 139-147.	2.3	9
25	Elevated respiration rates of the neritic copepod <i>Acartia tonsa</i> during recovery from starvation. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 283, 133-143.	1.5	34
26	Developmental plasticity of physiology and morphology in diet-restricted European shag nestlings (<i>Phalacrocorax aristotelis</i>). <i>Journal of Experimental Biology</i> , 2004, 207, 4067-4076.	1.7	61
27	Androgen levels and energy metabolism in <i>Oreochromis mossambicus</i> . <i>Journal of Fish Biology</i> , 2004, 65, 895-905.	1.6	35
28	Thermoregulatory use of heat increment of feeding in the tawny owl (<i>Strix aluco</i>). <i>Journal of Thermal Biology</i> , 2004, 29, 649-654.	2.5	30
29	Individual variation in the basal metabolism of Zebra finches <i>Taeniopygia guttata</i> : no effect of food quality during early development. <i>International Congress Series</i> , 2004, 1275, 306-312.	0.2	13
30	Effects of Temperature and Hydrostatic Pressure on Routine Oxygen Uptake of the Bloater (<i>Coregonus hoyi</i>). <i>Journal of Great Lakes Research</i> , 2004, 30, 70-81.	1.9	11
31	Does food shortage delay development of homeothermy in European shag nestlings (<i>Phalacrocorax</i>) Tj ETQq1 1 0.784314 rgBT /Over Physiology, 2005, 175, 21-30.	1.5	5
32	Ducklings Exhibit Substantial Energyâ€Saving Mechanisms as a Response to Shortâ€Term Food Shortage. <i>Physiological and Biochemical Zoology</i> , 2005, 78, 90-104.	1.5	26
33	Reporting standards for biofilter performance studies. <i>Aquacultural Engineering</i> , 2006, 34, 377-388.	3.1	67
34	Aggressive behaviour and energy metabolism in a cichlid fish, <i>Oreochromis mossambicus</i> . <i>Physiology and Behavior</i> , 2006, 89, 164-170.	2.1	92
35	Effect of body mass and water temperature on the standard metabolic rate of juvenile yellow perch, <i>Perca flavescens</i> (Mitchill). <i>Environmental Biology of Fishes</i> , 2006, 76, 399-407.	1.0	24
36	Is basal metabolic rate influenced by age in a long-lived seabird, the snow petrel?. <i>Journal of Experimental Biology</i> , 2007, 210, 3407-3414.	1.7	32
37	Effects of morphology on swimming performance in wild and laboratory crosses of brook trout ecotypes. <i>Functional Ecology</i> , 2010, 24, 310-321.	3.6	61

#	ARTICLE	IF	CITATIONS
38	Effect of two temperatures on ammonia excretion rates of <i>Seriolella violacea</i> (Palm fish) juveniles under rearing conditions. <i>Aquacultural Engineering</i> , 2012, 46, 47-52.	3.1	10
39	Effects of two temperatures on the oxygen consumption rates of <i>Seriolella violacea</i> (palm fish) juveniles under rearing conditions. <i>Aquacultural Engineering</i> , 2012, 48, 40-46.	3.1	16
40	Influence of salinity on energy metabolism in juvenile turbot, <i>Psetta maxima</i> (L.). <i>Aquaculture Nutrition</i> , 2013, 19, 135-150.	2.7	18
41	Thyroid Hormones Correlate with Basal Metabolic Rate but Not Field Metabolic Rate in a Wild Bird Species. <i>PLoS ONE</i> , 2013, 8, e56229.	2.5	56
42	Sources of variation in oxygen consumption of aquatic animals demonstrated by simulated constant oxygen consumption and respirometers of different sizes. <i>Journal of Fish Biology</i> , 2016, 88, 51-64.	1.6	75
43	Design and setup of intermittent flow respirometry system for aquatic organisms. <i>Journal of Fish Biology</i> , 2016, 88, 26-50.	1.6	256
44	Correction of metabolic parameters and unit process performance data. Part I. derivation of equations. <i>Aquacultural Engineering</i> , 2019, 86, 101999.	3.1	4
45	Correction of metabolic parameters and unit process performance data – Part II : Comparison of analytical approaches. <i>Aquacultural Engineering</i> , 2019, 87, 102019.	3.1	2
46	The utility and determination of P_{crit} in fishes. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	30
47	Respirometric In Situ Methods for Real-Time Monitoring of Corrosion Rates: Part II. Immersion. <i>Journal of the Electrochemical Society</i> , 2021, 168, 011502.	2.9	18
48	Flexibility of Basal Metabolic Rate in Arctic breeding Kittiwakes (<i>Rissa tridactyla</i>). , 2000, , 471-477.		6
49	Resting and Peak Metabolic Rates of Arctic Tern Nestlings and Their Relations to Growth Rate. <i>Physiological Zoology</i> , 1992, 65, 803-814.	1.5	30
50	Respiratory Cost of Swimming in Larval and Juvenile Cyprinids. <i>Journal of Experimental Biology</i> , 1990, 150, 343-366.	1.7	83
51	Thermal control of metabolic cold defence in pigeons <i>Columba livia</i> . <i>Journal of Experimental Biology</i> , 1998, 201, 793-803.	1.7	9
52	Relationship between individual variation in morphological characters and swimming costs in brook charr (<i>Salvelinus fontinalis</i>) and yellow perch (<i>Perca flavescens</i>). <i>Journal of Experimental Biology</i> , 2002, 205, 1031-1036.	1.7	71
53	Oxygen Consumption by the Sea Anemone <i>Calliactis Parasitica</i> (Couch). <i>Journal of Experimental Biology</i> , 1980, 88, 367-374.	1.7	8
54	A METHOD FOR LONG-TERM MULTIPLE-CHANNEL RECORDING OF OXYGEN CONSUMPTION IN AQUATIC ANIMALS. <i>Journal of Experimental Biology</i> , 1993, 185, 357-365.	1.7	3
55	Technologies for the study of hydropeaking impacts on fish populations: Applications, advantages, outcomes, and future developments. <i>River Research and Applications</i> , 2023, 39, 538-553.	1.7	4

#	ARTICLE	IF	CITATIONS
56	Methodological considerations in studying digestive system physiology in octopus: limitations, lacunae and lessons learnt. <i>Frontiers in Physiology</i> , 0, 13, .	2.8	2