

Basic concepts in quantitative biology of metabolism

Helgoländer Wissenschaftliche Meeresuntersuchungen
9, 5-37

DOI: [10.1007/bf01610024](https://doi.org/10.1007/bf01610024)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Zur Mathematik des tierischen Wachstums. Helgoländer Wissenschaftliche Meeresuntersuchungen, 1965, 12, 78-136.	0.6	17
2	ALLOMETRY AND SIZE IN ONTOGENY AND PHYLOGENY. Biological Reviews, 1966, 41, 587-638.	10.4	1,931
5	A model of a growing steady state system. Journal of Theoretical Biology, 1966, 10, 387-398.	1.7	10
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7	The general analysis of a eutrophic system. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 1969, 17, 109-115.	0.1	1
9	Estimating oxygen consumption from body length for some chironomid larvae. Hydrobiologia, 1970, 36, 505-512.	2.0	9
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14	Towards a phenomenological theory of growth. Journal of Theoretical Biology, 1972, 35, 213-225.	1.7	14
15	The filtration rate of <i>Mytilus edulis</i> and its dependence on algal concentration, measured by a continuous automatic recording apparatus. Marine Biology, 1973, 22, 317-328.	1.5	156
16	Systematische Untersuchungen zur eigentlich nichtlinearen Regression mit Sigmoidfunktionen (Schluß). Biometrische Zeitschrift, 1973, 15, 179-189.	0.4	3
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26	Ein permeationskinetisches Modell und die mechanistischen Aspekte des Zellmassenwachstums. <i>Acta Histochemica</i> , 1977, 58, 299-310.	1.8	3
27	An absolute metabolic scope for activity. <i>Journal of Theoretical Biology</i> , 1978, 75, 443-449.	1.7	46
29	Larval development in the American lobster: changes in metabolic activity and the O:N ratio. <i>Canadian Journal of Zoology</i> , 1979, 57, 1845-1848.	1.0	16
30	Some physiological and biochemical considerations of larval development in the American lobster, <i>Homarus Americanus</i> Milne Edwards. <i>Journal of Experimental Marine Biology and Ecology</i> , 1979, 40, 53-62.	1.5	62
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33	SIZE DEPENDENCE OF GROWTH RATE, RESPIRATORY ELECTRON TRANSPORT SYSTEM ACTIVITY, AND CHEMICAL COMPOSITION IN MARINE DIATOMS IN THE LABORATORY. <i>Journal of Phycology</i> , 1982, 18, 58-63.	2.3	88
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37	DOES BLUE LIGHT AFFECT THE GROWTH OF CHAETOCEROS PROTUBERANS (BAGILLARIOPHYGEAE)?. <i>Journal of Phycology</i> , 1986, 22, 63-71.	2.3	18
38	Comparison of larval bioenergetics of two marine gastropods with widely differing lengths of planktonic life, <i>Thais haemastoma canaliculata</i> (Gray) and <i>Crepidula fornicata</i> (L.). <i>Journal of Experimental Marine Biology and Ecology</i> , 1987, 109, 173-191.	1.5	21
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45	Chapter One Bioinformatics and computational biology for plant functional genomics. <i>Recent Advances in Phytochemistry</i> , 2002, , 1-13.	0.5	1

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46	Equations describing changes in weight and mass-specific rate of oxygen consumption in animals during postembryonic development. <i>Biology Bulletin</i> , 2006, 33, 323-331.	0.5	13
47	Influence of cell equivalent spherical diameter on the growth rate and cell density of marine phytoplankton. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 331, 33-40.	1.5	13
48	Modeling environmental effects on the size-structured energy flow through marine ecosystems. Part 1: The model. <i>Progress in Oceanography</i> , 2007, 74, 479-499.	3.2	103
49	Resource allocation in yolk-feeding fish. <i>Reviews in Fish Biology and Fisheries</i> , 2008, 18, 143-200.	4.9	197
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54	There are two twin shadows, but einstein is one. <i>Thermal Science</i> , 2012, 16, 1-6.	1.1	1
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57	The Importance of Size-Dependent Processes in the Ecology of Deposit-Feeding Benthos. <i>Lecture Notes on Coastal and Estuarine Studies</i> , 2013, , 171-200.	0.2	0
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67	The gill-oxygen limitation theory (GOLT) and its critics. <i>Science Advances</i> , 2021, 7, .	10.3	108
68	The Importance of Size-Dependent Processes in the Ecology of Deposit-Feeding Benthos. <i>Lecture Notes on Coastal and Estuarine Studies</i> , 1989, , 171-200.	0.2	9
70	Contributions to the Energetics of Animal Growth. , 1968, , 113-126.		1
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75	SIZE DEPENDENCE OF GROWTH RATE, RESPIRATORY ELECTRON TRANSPORT SYSTEM ACTIVITY, AND CHEMICAL COMPOSITION IN MARINE DIATOMS IN THE LABORATORY1. <i>Journal of Phycology</i> , 1982, 18, 58-63.	2.3	16
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82	Zum Nahrungsspektrum und Nahrungsumsatz von <i>Pterostichus oblongopunctatus</i> und <i>Pterostichus</i>	1.2	3
83	Qualitative Assessment of Status of Fishery Stocks of Black-Spined Herring <i>Alosa kessleri kessleri</i> Alosidae in Volga River Delta with LBI Method. <i>Journal of Ichthyology</i> , 2023, 63, 937-949.	0.5	0