Jan KozÅ‚owski

List of Publications by Year
in descending order

45 papers	2,162 citations	361413 20 h-index	243625 44 g-index
45 all docs	45 docs citations	45 times ranked	1876 citing authors

#	Article	IF	Citations
1	Optimal allocation of resources to growth and reproduction: Implications for age and size at maturity. Trends in Ecology and Evolution, 1992, 7, 15-19.	8.7	484
2	Optimal allocation of energy to growth and reproduction. Theoretical Population Biology, 1986, 29, 16-37.	1.1	160
3	Optimal individual growth and reproduction in perennial species with indeterminate growth. Evolutionary Ecology, 1987, 1, 214-230.	1.2	141
4	Optimal age and size at maturity in annuals and perennials with determinate growth. Evolutionary Ecology, 1987, 1, 231-244.	1.2	136
5	Why are speciesâ€™ body size distributions usually skewed to the right?. Functional Ecology, 2002, 16, 419-432.	3.6	135
6	Measuring fitness in life„history studies. Trends in Ecology and Evolution, 1993, 8, 84-85.	8.7	101
7	Cell Size but Not Genome Size Affects Scaling of Metabolic Rate in Eyelid Geckos. American Naturalist, 2009, 174, E100-E105.	2.1	78
8	Standard Metabolic Rate (SMR) is inversely related to erythrocyte and genome size in allopolyploid fish of the Cobitis taenia hybrid complex. Functional Ecology, 2011, 25, 1072-1078.	3.6	75
9	Coevolution of body size and metabolic rate in vertebrates: a lifeâ€history perspective. Biological Reviews, 2020, 95, 1393-1417.	10.4	73
10	Scaling of metabolism in<i>Helix aspersa</i>snails: changes through ontogeny and response to selection for increased size. Journal of Experimental Biology, 2008, 211, 391-400.	1.7	67
11	Sexual Size Dimorphism: A Life History Perspective. Oikos, 1989, 54, 253.	2.7	61
12	Do Bertalanffy's growth curves result from optimal resource allocation?. Ecology Letters, 1998, 1, 5-7.	6.4	61
13	The Temperatureâ€“Size Rule in Lecane inermis (Rotifera) is adaptive and driven by nuclei size adjustment to temperature and oxygen combinations. Journal of Thermal Biology, 2015, 54, 78-85.	2.5	54
14	Evolution of body size: an optimization model. Mathematical Biosciences, 1983, 64, 127-143.	1.9	45
15	Ontogeny of Metabolic Rate and Red Blood Cell Size in Eyelid Geckos: Species Follow Different Paths. PLoS ONE, 2013, 8, e64715.	2.5	43
16	How to Time Growth and Reproduction during the Vegetative Season: An Evolutionary Choice for Indeterminate Growers in Seasonal Environments. American Naturalist, 2010, 175, 551-563.	2.1	34
17	Seasonality in Offspring Value and Trade-Offs with Growth Explain Capital Breeding. American Naturalist, 2015, 186, E111-E125.	2.1	34
18	Cross-habitat differences in crush resistance and growth pattern of zebra mussels (Dreissena) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 T 165, 191-208.	1.1	28

#	Article	IF	Citations
19	Seasonal changes in the body size of two rotifer species living in activated sludge follow the Temperatureâ€Size Rule. Ecology and Evolution, 2014, 4, 4678-4689.	1.9	27
20	Unraveling the non-senescence phenomenon in Hydra. Journal of Theoretical Biology, 2015, 382, 137-149.	1.7	26
21	Extrinsic Mortality Can Shape Life-History Traits, Including Senescence. Evolutionary Biology, 2018, 45, 395-404.	1.1	25
22	Concerted evolution of body mass and cell size: similar patterns among species of birds (Galliformes) and mammals (Rodentia). Biology Open, 2018, 7, .	1.2	23
23	Thermal plasticity of body size and cell size in snails from two subspecies of<i>Cornu aspersum</i>. Journal of Molluscan Studies, 2016, 82, 235-243.	1.2	21
24	Mutation Accumulation May Be a Minor Force in Shaping Life History Traits. PLoS ONE, 2012, 7, e34146.	2.5	20
25	The temperatureâ€"size rule in a rotifer is determined by the mother and at the egg stage. Evolutionary Ecology, 2015, 29, 525-536.	1.2	17
26	Growth rate and survival of terrestrial isopods is related to possibility to acquire symbionts. European Journal of Soil Biology, 2015, 69, 52-56.	3.2	17
27	Density-dependence interacts with extrinsic mortality in shaping life histories. PLoS ONE, 2017, 12, e0186661.	2.5	17
28	Vanishing benefits - The loss of actinobacterial symbionts at elevated temperatures. Journal of Thermal Biology, 2019, 82, 222-228.	2.5	16
29	The considerable adult size variability in wood feeders is optimal. Ecological Entomology, 2010, 35, 16-24.	2.2	15
30	Brood space limitation of reproduction may explain growth after maturity in differently sized Daphnia species. Journal of Plankton Research, 2015, 37, 417-428.	1.8	13
31	Density-dependent regulation of population number and life-history evolution: Optimization of age at maturity in a simple allocation model for annuals and biennials. Ecological Modelling, 1994, 73, 81-96.	2.5	12
32	How can we model selectively neutral density dependence in evolutionary games. Theoretical Population Biology, 2008, 73, 250-256.	1.1	11
33	Optimal allocation patterns and optimal seed mass of a perennial plant. Journal of Theoretical Biology, 2014, 354, 12-24.	1.7	10
34	An evolutionary solution of terrestrial isopods to cope with low atmospheric oxygen levels. Journal of Experimental Biology, 2017, 220, 1563-1567.	1.7	10
35	Physical mechanism or evolutionary trade-off? Factors dictating the relationship between metabolic rate and ambient temperature in carabid beetles. Journal of Thermal Biology, 2017, 68, 89-95.	2.5	10
36	Probing of mortality rate by staying alive: The growthâ€reproduction tradeâ€off in a spatially heterogeneous environment. Functional Ecology, 2019, 33, 2327-2337.	3.6	10

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37	Effects of thermal and oxygen conditions during development on cell size in the common rough woodlice Porcellio scaber. Ecology and Evolution, 2020, 10, 9552-9566.	1.9	9
38	Mass scaling of metabolic rates in carabid beetles (Carabidae) â€“ the importance of phylogeny, regression models and gas exchange patterns. Journal of Experimental Biology, 2017, 220, 3363-3371.	1.7	8
39	Thermal and oxygen conditions during development cause common rough woodlice (Porcellio) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.5	8
40	Does temperature and oxygen affect duration of intramarsupial development and juvenile growth in the terrestrial isopod Porcellio scaber (Crustacea, Malacostraca)?. ZooKeys, 2015, 515, 67-79.	1.1	8
41	Effects of fat and exoskeletal mass on the mass scaling of metabolism in Carabidae beetles. Journal of Insect Physiology, 2018, 106, 232-238.	2.0	7
42	Mutation Accumulation May Only Be a Minor Force in Shaping Life-History Traits, Even when Reproduction Is Sexual. PLoS ONE, 2012, 7, e48302.	2.5	4
43	Williamsâ€™ Prediction Will Often Be Observed in Nature. Trends in Ecology and Evolution, 2020, 35, 302-303.	8.7	4
44	Scaling of organ masses in mammals and birds: phylogenetic signal and implications for metabolic rate scaling. ZooKeys, 2020, 982, 149-159.	1.1	4
45	Pleiotropic parasites and life history theory. Trends in Ecology and Evolution, 1992, 7, 241.	8.7	0