Marcin Czarnoleski

List of Publications by Year
in descending order

61 papers	1,393 citations	331670 21 h-index	377865 34 g-index
63 all docs	63 docs citations	63 times ranked	1362 citing authors

#	Article	IF	Citations
1	Heat stress during development makes antlion larvae more responsive to vibrational cues. Environmental Epigenetics, 2022, 68, 345-350.	1.8	0
2	Patterns of growth, brooding and offspring size in the invasive mussel Sinanodonta woodiana (Lea,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	17
3	Stoichiometric niche, nutrient partitioning and resource allocation in a solitary bee are sex-specific and phosphorous is allocated mainly to the cocoon. Scientific Reports, 2021, 11, 652.	3.3	23
4	Growth patterns of the panâ€European freshwater mussel, <i>Anodonta anatina</i> (Linnaeus, 1758) (Bivalvia: Unionidae), vary with sex and mortality in populations. Ecology and Evolution, 2021, 11, 2907-2918.	1.9	7
5	Thermal Preferences of Cowpea Seed Beetles (Callosobruchus maculatus): Effects of Sex and Nuptial Gift Transfers. Insects, 2021, 12, 310.	2.2	3
6	Oxygen Dependence of Flight Performance in Ageing Drosophila melanogaster. Biology, 2021, 10, 327.	2.8	6
7	Past thermal conditions affect hunting behaviour in larval antlions. Royal Society Open Science, 2021, 8, 210163.	2.4	7
8	Concerted evolution of body mass, cell size and metabolic rate among carabid beetles. Journal of Insect Physiology, 2021, 132, 104272.	2.0	15
9	Thermal and Oxygen Flight Sensitivity in Ageing Drosophila melanogaster Flies: Links to Rapamycin-Induced Cell Size Changes. Biology, 2021, 10, 861.	2.8	7
10	Sexual Dimorphism in the Multielemental Stoichiometric Phenotypes and Stoichiometric Niches of Spiders. Insects, 2020, 11, 484.	2.2	2
11	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
12	Heat wave effects on the behavior and life-history traits of sedentary antlions. Behavioral Ecology, 2020, 31, 1326-1333.	2.2	14
13	Coevolution of body size and metabolic rate in vertebrates: a lifeâ€history perspective. Biological Reviews, 2020, 95, 1393-1417.	10.4	73
14	Thermal and oxygen conditions during development cause common rough woodlice (Porcellio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	2.5	8
15	Humanâ€"Wildlife Conflicts in Krakow City, Southern Poland. Animals, 2020, 10, 1014.	2.3	12
16	Effects of habitat, leaf damage and leaf rolling on the predation risk of caterpillars in the tropical rain forest of Borneo. Journal of Tropical Ecology, 2019, 35, 251-253.	1.1	4
17	Hypoxia causes woodlice (Porcellio scaber) to select lower temperatures and impairs their thermal performance and heat tolerance. PLoS ONE, 2019, 14, e0220647.	2.5	10
18	Larger leeches attack from higher ground â€" size-dependent preferences for ambush sites in the Bornean terrestrial leech Haemadipsa picta. Journal of Tropical Ecology, 2019, 35, 140-143.	1.1	3

#	ARTICLE	IF	CITATIONS
19	Substrate moisture, particle size and temperature preferences of trapâ€building larvae of sympatric antlions and wormlions from the rainforest of Borneo. Ecological Entomology, 2019, 44, 488-493.	2.2	22
20	Does seed size mediate sex-specific reproduction costs in the Callosobruchus maculatus bean beetle?. PLoS ONE, 2019, 14, e0225967.	2.5	4
21	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
22	Different predation efficiencies of trapâ€building larvae of sympatric antlions and wormlions from the rainforest of Borneo. Ecological Entomology, 2018, 43, 255-262.	2.2	26
23	Thermal dependence of trap building in predatory antlion larvae (Neuroptera: Myrmeleontidae). Journal of Ethology, 2018, 36, 199-203.	0.8	11
24	Sedentary prey facing an acute predation risk: testing the hypothesis of inducible metabolite emission suppression in zebra mussels, Dreissena polymorpha. Hydrobiologia, 2018, 810, 109-117.	2.0	18
25	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
26	Seed size in mountain herbaceous plants changes with elevation in a species-specific manner. PLoS ONE, 2018, 13, e0199224.	2.5	22
27	Size dependence of offspring production in isopods: a synthesis. ZooKeys, 2018, 801, 337-357.	1.1	7
28	An evolutionary solution of terrestrial isopods to cope with low atmospheric oxygen levels. Journal of Experimental Biology, 2017, 220, 1563-1567.	1.7	10
29	Genetic components in a thermal developmental plasticity of the beetle Tribolium castaneum. Journal of Thermal Biology, 2017, 68, 55-62.	2.5	8
30	Not all cells are equal: effects of temperature and sex on the size of different cell types in the Madagascar ground gecko <i>Paroedura picta</i>. Biology Open, 2017, 6, 1149-1154.	1.2	22
31	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
32	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
33	The thermal environment of the nest affects body and cell size in the solitary red mason bee (Osmia) Tj ETQq1 1 0.784314 rgBT /Over	2.5	25
34	Pro-social behaviour of ants depends on their ecological nicheâ€"Rescue actions in species from tropical and temperate regions. Behavioural Processes, 2017, 144, 1-4.	1.1	9
35	Reduced damage and epiphyll cover of leaves of Korthalsia rattans that host Camponotus ants in the rain forest of Malaysian Borneo. Journal of Tropical Ecology, 2016, 32, 330-334.	1.1	5
36	Flies evolved small bodies and cells at high or fluctuating temperatures. Ecology and Evolution, 2016, 6, 7991-7996.	1.9	30

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37	Change in abundance of three phytophagous mite species (Acari: Eriophyidae, Tetranychidae) on quackgrass in the presence of choke disease. Experimental and Applied Acarology, 2016, 70, 35-43.	1.6	3
38	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
39	Colder rotifers grow larger but only in oxygenated waters. Ecosphere, 2015, 6, 1-5.	2.2	36
40	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
41	Automated measurement of ommatidia in the compound eyes of beetles. BioTechniques, 2015, 59, 99-101.	1.8	11
42	Factors affecting trematode infection rates in freshwater mussels. Hydrobiologia, 2015, 742, 59-70.	2.0	35
43	Flies developed smaller cells when temperature fluctuated more frequently. Journal of Thermal Biology, 2015, 54, 106-110.	2.5	27
44	Seasonality in Offspring Value and Trade-Offs with Growth Explain Capital Breeding. American Naturalist, 2015, 186, E111-E125.	2.1	34
45	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
46	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
47	Chemical and Physical Defense Traits in Two Sexual Forms of Opuntia robusta in Central Eastern Mexico. PLoS ONE, 2014, 9, e89535.	2.5	13
48	Mice divergently selected for high and low basal metabolic rates evolved different cell size and organ mass. Journal of Evolutionary Biology, 2014, 27, 478-487.	1.7	29
49	Altered allocation to roots and shoots in the endophyteâ€infected seedlings of <i>Puccinellia distans</i> (Poaceae). Plant Biology, 2013, 15, 264-273.	3.8	14
50	Flies developed small bodies and small cells in warm and in thermally fluctuating environments.. Journal of Experimental Biology, 2013, 216, 2896-901.	1.7	57
51	An endophytic fungus reduces herbivory in its recently colonised grass host: a food-choice experiment on common voles, weeping alkaligrass and EpichloÃ« typhina. Plant Ecology, 2012, 213, 1049-1053.	1.6	6
52	Anchor down or hunker down: an experimental study on zebra musselsâ€™ response to predation risk from crayfish. Animal Behaviour, 2011, 82, 543-548.	1.9	21
53	Acclimation of thermal physiology in natural populations of<i>Drosophila melanogaster</i>â€Š: a test of an optimality model. Journal of Evolutionary Biology, 2010, 23, 2346-2355.	1.7	43
54	Cell size is positively correlated between different tissues in passerine birds and amphibians, but not necessarily in mammals. Biology Letters, 2010, 6, 792-796.	2.3	64

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55	Injured conspecifics alter mobility and byssus production in zebra mussels Dreissena polymorpha. Fundamental and Applied Limnology, 2010, 176, 269-278.	0.7	24
56	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
57	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
58	Cross-habitat differences in crush resistance and growth pattern of zebra mussels (Dreissena) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 165, 191-208.	1.1	28
59	Substrate preference in settling zebra mussels Dreissena polymorpha. Archiv FÃ¼r Hydrobiologie, 2004, 159, 263-270.	1.1	20
60	Can Optimal Resource Allocation Models Explain Why Ectotherms Grow Larger in Cold?. Integrative and Comparative Biology, 2004, 44, 480-493.	2.0	179
61	Do Bertalanffy's growth curves result from optimal resource allocation?. Ecology Letters, 1998, 1, 5-7.	6.4	61