Peter A Biro

List of Publications by Year
in descending order

66 papers	5,732 citations	126907 33 h-index	110387 64 g-index
67 all docs	67 docs citations	67 times ranked	4675 citing authors

#	Article	IF	Citations
1	A novel perspective suggesting high sustained energy expenditure may be net protective against cancer. Evolution, Medicine and Public Health, 2022, 10, 170-176.	2.5	5
2	Cancer Susceptibility as a Cost of Reproduction and Contributor to Life History Evolution. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	6
3	Weak evidence that asset protection underlies temporal or contextual consistency in boldness of a terrestrial crustacean. Behavioral Ecology and Sociobiology, 2022, 76, .	1.4	6
4	Macronutrient composition and availability affects repeatability of fly activity through changes in among- and within-individual (residual) variation. Evolutionary Ecology, 2021, 35, 387-399.	1.2	1
5	Understanding the unexplained: The magnitude and correlates of individual differences in residual variance. Ecology and Evolution, 2021, 11, 7201-7210.	1.9	24
6	Autumn lipid reserves, overwinter lipid depletion, and high winter mortality of rainbow trout in experimental lakes. Canadian Journal of Fisheries and Aquatic Sciences, 2021, 78, 738-743.	1.4	3
7	Spontaneous activity rates and resting metabolism: Support for the allocation model of energy management at the amongâ€individual level. Ethology, 2020, 126, 32-39.	1.1	11
8	Can Energetic Capacity Help Explain Why Physical Activity Reduces Cancer Risk?. Trends in Cancer, 2020, 6, 829-837.	7.4	11
9	Ecological and Evolutionary Consequences of Anticancer Adaptations. IScience, 2020, 23, 101716.	4.1	10
10	Rare and unique adaptations to cancer in domesticated species: An untapped resource?. Evolutionary Applications, 2020, 13, 1605-1614.	3.1	11
11	Integration of physiology, behaviour and life history traits: personality and pace of life in a marine gastropod. Animal Behaviour, 2020, 163, 155-162.	1.9	26
12	Behavioral, energetic, and color trait integration in male guppies: testing the melanocortin hypothesis. Behavioral Ecology, 2019, 30, 1539-1547.	2.2	13
13	Obesity paradox in cancer: Is bigger really better?. Evolutionary Applications, 2019, 12, 1092-1095.	3.1	10
14	Meta-analytic insights into factors influencing the repeatability of hormone levels in agricultural, ecological, and medical fields. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 316, R101-R109.	1.8	14
15	The influence of environmental gradients on individual behaviour: Individual plasticity is consistent across risk and temperature gradients. Journal of Animal Ecology, 2019, 88, 511-520.	2.8	24
16	Cancer Is Not (Only) a Senescence Problem. Trends in Cancer, 2018, 4, 169-172.	7.4	15
17	Chronic exposure to increased water temperature reveals few impacts on stress physiology and growth responses in juvenile Atlantic salmon. Aquaculture, 2018, 495, 196-204.	3.5	21
18	Metabolic Scope as a Proximate Constraint on Individual Behavioral Variation: Effects on Personality, Plasticity, and Predictability. American Naturalist, 2018, 192, 142-154.	2.1	47

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19	Bayesian updating during development predicts genotypic differences in plasticity. Evolution; International Journal of Organic Evolution, 2018, 72, 2167-2180.	2.3	17
20	Changes in diet associated with cancer: An evolutionary perspective. Evolutionary Applications, 2017, 10, 651-657.	3.1	11
21	The importance of cancer cells for animal evolutionary ecology. Nature Ecology and Evolution, 2017, 1, 1592-1595.	7.8	37
22	Avian nest abandonment prior to layingâ€"a strategy to minimize predation risk?. Journal of Ornithology, 2017, 158, 1091-1098.	1.1	10
23	Is behavioural plasticity consistent across different environmental gradients and through time?. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170893.	2.6	43
24	Cancer: A disease at the crossroads of tradeâ€•offs. Evolutionary Applications, 2017, 10, 215-225.	3.1	46
25	Curvilinear telomere length dynamics in a squamate reptile. Functional Ecology, 2017, 31, 753-759.	3.6	39
26	Towards powerful experimental and statistical approaches to study intraindividual variability in labile traits. Royal Society Open Science, 2016, 3, 160352.	2.4	37
27	Cancer and life-history traits: lessons from hostâ€“parasite interactions. Parasitology, 2016, 143, 533-541.	1.5	40
28	Personality and individual differences in plasticity. Current Opinion in Behavioral Sciences, 2016, 12, 18-23.	3.9	69
29	Individual boldness traits influenced by temperature in male Siamese fighting fish. Physiology and Behavior, 2016, 165, 267-272.	2.1	28
30	Stressâ€•induced peak (but not resting) metabolism correlates with mating display intensity in male guppies. Ecology and Evolution, 2016, 6, 6537-6545.	1.9	15
31	Fishing directly selects on growth rate via behaviour: implications of growth-selection that is independent of size. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142283.	2.6	50
32	Hierarchical analysis of avian re-nesting behavior: mean, across-individual, and intra-individual responses. Behavioral Ecology and Sociobiology, 2015, 69, 1631-1638.	1.4	16
33	Using repeatability to study physiological and behavioural traits: ignore time-related change at your peril. Animal Behaviour, 2015, 105, 223-230.	1.9	113
34	Individual variation in thermal performance curves: swimming burst speed and jumping endurance in wild-caught tropical clawed frogs. Oecologia, 2014, 175, 471-480.	2.0	33
35	Individual (co)variation in thermal reaction norms of standard and maximal metabolic rates in wildâ€•caught slimy salamanders. Functional Ecology, 2014, 28, 1175-1186.	3.6	56
36	Individual and sexâ€•specific differences in intrinsic growth rate covary with consistent individual differences in behaviour. Journal of Animal Ecology, 2014, 83, 1186-1195.	2.8	61

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37	On the Validity of a Single (Boldness) Assay in Personality Research. Ethology, 2013, 119, 937-947.	1.1	60
38	Predictability as a Personality Trait: Consistent Differences in Intraindividual Behavioral Variation. American Naturalist, 2013, 182, 621-629.	2.1	129
39	Are most samples of animals systematically biased? Consistent individual trait differences bias samples despite random sampling. Oecologia, 2013, 171, 339-345.	2.0	68
40	How does temperature affect behaviour? Multilevel analysis of plasticity, personality and predictability in hermit crabs. Animal Behaviour, 2013, 86, 47-54.	1.9	141
41	On the use of rapid assays in personality research: a response to Edwards etÂal.. Animal Behaviour, 2013, 86, e1-e3.	1.9	48
42	Boldness, trappability and sampling bias in wild lizards. Animal Behaviour, 2012, 83, 1051-1058.	1.9	140
43	Do rapid assays predict repeatability in labile (behavioural) traits?. Animal Behaviour, 2012, 83, 1295-1300.	1.9	77
44	Unpredictable animals: individual differences in intraindividual variability (IIV). Animal Behaviour, 2012, 83, 1325-1334.	1.9	250
45	Small within-day increases in temperature affects boldness and alters personality in coral reef fish. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 71-77.	2.6	285
46	Do consistent individual differences in metabolic rate promote consistent individual differences in behavior?. Trends in Ecology and Evolution, 2010, 25, 653-659.	8.7	689
47	Extreme boldness precedes starvation mortality in six-lined trumpeter (PelatesÂsexlineatus). Hydrobiologia, 2009, 635, 395-398.	2.0	22
48	Sampling bias resulting from animal personality. Trends in Ecology and Evolution, 2009, 24, 66-67.	8.7	268
49	Are animal personality traits linked to life-history productivity?. Trends in Ecology and Evolution, 2008, 23, 361-368.	8.7	945
50	Rapid depletion of genotypes with fast growth and bold personality traits from harvested fish populations. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2919-2922.	7.1	355
51	Repeatability of Foraging Tactics in Young Brook Trout, Salvelinus fontinalis. Canadian Field-Naturalist, 2008, 122, 40.	0.1	8
52	Mechanisms for climate-induced mortality of fish populations in whole-lake experiments. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9715-9719.	7.1	84
53	Estimation of gillnet efficiency and selectivity across multiple sampling units: A hierarchical Bayesian analysis using mark-recapture data. Fisheries Research, 2007, 83, 162-174.	1.7	27
54	Direct manipulation of behaviour reveals a mechanism for variation in growth and mortality among prey populations. Animal Behaviour, 2007, 73, 891-896.	1.9	29

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55	Behavioural trade-offs between growth and mortality explain evolution of submaximal growth rates. Journal of Animal Ecology, 2006, 75, 1165-1171.	2.8	187
56	Asymmetric impact of piscivorous birds on size-structured fish populations. Canadian Journal of Zoology, 2006, 84, 1584-1593.	1.0	16
57	Ontogeny of energy allocation reveals selective pressure promoting risk-taking behaviour in young fish cohorts. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 1443-1448.	2.6	107
58	Predators select against high growth rates and riskâ€“taking behaviour in domestic trout populations. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 2233-2237.	2.6	265
59	Over-winter lipid depletion and mortality of age-0 rainbow trout (Oncorhynchus mykiss). Canadian Journal of Fisheries and Aquatic Sciences, 2004, 61, 1513-1519.	1.4	218
60	Density-dependent mortality is mediated by foraging activity for prey fish in whole-lake experiments. Journal of Animal Ecology, 2003, 72, 546-555.	2.8	38
61	FROM INDIVIDUALS TO POPULATIONS: PREY FISH RISK-TAKING MEDIATES MORTALITY IN WHOLE-SYSTEM EXPERIMENTS. Ecology, 2003, 84, 2419-2431.	3.2	114
62	POPULATION CONSEQUENCES OF A PREDATOR-INDUCED HABITAT SHIFT BY TROUT IN WHOLE-LAKE EXPERIMENTS. Ecology, 2003, 84, 691-700.	3.2	55
63	Staying Cool: Behavioral Thermoregulation during Summer by Young-of-Year Brook Trout in a Lake. Transactions of the American Fisheries Society, 1998, 127, 212-222.	1.4	64
64	The Central-Place Territorial Model Does Not Apply to Space-Use by Juvenile Brook Charr Salvelinus fontinalis in Lakes. Journal of Animal Ecology, 1997, 66, 837.	2.8	25
65	Individual Variation in Foraging Movements in a Lake Population of Young-of-the-Year Brook Charr (Salvelinus Fontinalis). Behaviour, 1995, 132, 57-74.	0.8	22
66	Temporal autocorrelation: a neglected factor in the study of behavioral repeatability and plasticity. Behavioral Ecology, 0, , .	2.2	17