

Timothy Mousseau

List of Publications by Year in descending order

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194
papers

11,707
citations

38742

50
h-index

31849

101
g-index

203
all docs

203
docs citations

203
times ranked

8501
citing authors

#	ARTICLE	IF	CITATIONS
1	The adaptive significance of maternal effects. <i>Trends in Ecology and Evolution</i> , 1998, 13, 403-407.	8.7	1,641
2	Natural selection and the heritability of fitness components. <i>Heredity</i> , 1987, 59, 181-197.	2.6	1,556
3	Quantitative genetics and fitness: lessons from <i>Drosophila</i> . <i>Heredity</i> , 1987, 58, 103-118.	2.6	555
4	Egg Size Plasticity in a Seed Beetle: An Adaptive Maternal Effect. <i>American Naturalist</i> , 1997, 149, 149-163.	2.1	285
5	ECTOTHERMS FOLLOW THE CONVERSE TO BERGMANN'S RULE. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 630-632.	2.3	223
6	Female mating bias results in conflicting sex-specific offspring fitness. <i>Nature</i> , 2004, 429, 65-67.	27.8	186
7	Biological consequences of Chernobyl: 20 years on. <i>Trends in Ecology and Evolution</i> , 2006, 21, 200-207.	8.7	178
8	Material and genetic benefits of female multiple mating and polyandry. <i>Animal Behaviour</i> , 2002, 64, 361-367.	1.9	170
9	The use of fluctuating asymmetry as a measure of environmentally induced developmental instability: A meta-analysis. <i>Ecological Indicators</i> , 2013, 30, 218-226.	6.3	168
10	ADAPTATION TO SEASONALITY IN A CRICKET: PATTERNS OF PHENOTYPIC AND GENOTYPIC VARIATION IN BODY SIZE AND DIAPAUSE EXPRESSION ALONG A CLINE IN SEASON LENGTH. <i>Evolution; International Journal of Organic Evolution</i> , 1989, 43, 1483-1496.	2.3	165
11	Ectotherms Follow the Converse to Bergmann's Rule. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 630.	2.3	164
12	IMMUNE SUPPRESSION AND THE COST OF REPRODUCTION IN THE GROUND CRICKET, <i>ALLONEMOBIUS SOCIUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 2478-2485.	2.3	154
13	The effects of natural variation in background radioactivity on humans, animals and other organisms. <i>Biological Reviews</i> , 2013, 88, 226-254.	10.4	125
14	Larval host plant affects fitness consequences of egg size variation in the seed beetle <i>Stator limbatus</i> . <i>Oecologia</i> , 1996, 107, 541-548.	2.0	124
15	Evolution of maternal effects: past and present. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 1035-1038.	4.0	124
16	Chronic exposure to low-dose radiation at Chernobyl favours adaptation to oxidative stress in birds. <i>Functional Ecology</i> , 2014, 28, 1387-1403.	3.6	119
17	<i>Rickettsia</i> associated with male-killing in a buprestid beetle. <i>Heredity</i> , 2001, 86, 497-505.	2.6	116
18	Adaptation to Seasonality in a Cricket: Patterns of Phenotypic and Genotypic Variation in Body Size and Diapause Expression Along a Cline in Season Length. <i>Evolution; International Journal of Organic Evolution</i> , 1989, 43, 1483.	2.3	115

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19	Abundance of birds in Fukushima as judged from Chernobyl. <i>Environmental Pollution</i> , 2012, 164, 36-39.	7.5	112
20	Reduced abundance of insects and spiders linked to radiation at Chernobyl 20 years after the accident. <i>Biology Letters</i> , 2009, 5, 356-359.	2.3	100
21	Altitudinal variation in life cycle syndromes of California populations of the grasshopper, <i>Melanoplus sanguinipes</i> (F.). <i>Oecologia</i> , 1990, 84, 199-206.	2.0	97
22	THE EVOLUTIONARY GENETICS OF AN ADAPTIVE MATERNAL EFFECT: EGG SIZE PLASTICITY IN A SEED BEETLE. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 552-560.	2.3	96
23	Differences in effects of radiation on abundance of animals in Fukushima and Chernobyl. <i>Ecological Indicators</i> , 2013, 24, 75-81.	6.3	96
24	Ionizing radiation, antioxidant response and oxidative damage: A meta-analysis. <i>Science of the Total Environment</i> , 2016, 548-549, 463-471.	8.0	96
25	Species richness and abundance of forest birds in relation to radiation at Chernobyl. <i>Biology Letters</i> , 2007, 3, 483-486.	2.3	93
26	Does natural selection alter genetic architecture? An evaluation of quantitative genetic variation among populations of <i>Allonemobius socius</i> and <i>A. fasciatus</i> . <i>Journal of Evolutionary Biology</i> , 1999, 12, 361-369.	1.7	92
27	Strong effects of ionizing radiation from Chernobyl on mutation rates. <i>Scientific Reports</i> , 2015, 5, 8363.	3.3	91
28	A novel method for estimating heritability using molecular markers. <i>Heredity</i> , 1998, 80, 218-224.	2.6	88
29	Parental Host Plant Affects Offspring Life Histories in a Seed Beetle. <i>Ecology</i> , 1995, 76, 402-411.	3.2	86
30	Ecosystems effects 25 years after Chernobyl: pollinators, fruit set and recruitment. <i>Oecologia</i> , 2012, 170, 1155-1165.	2.0	81
31	Accuracy and precision of secondary production estimates ¹ . <i>Limnology and Oceanography</i> , 1987, 32, 1342-1352.	3.1	80
32	Are Organisms Adapting to Ionizing Radiation at Chernobyl?. <i>Trends in Ecology and Evolution</i> , 2016, 31, 281-289.	8.7	77
33	Condition, reproduction and survival of barn swallows from Chernobyl. <i>Journal of Animal Ecology</i> , 2005, 74, 1102-1111.	2.8	76
34	Addressing ecological effects of radiation on populations and ecosystems to improve protection of the environment against radiation: Agreed statements from a Consensus Symposium. <i>Journal of Environmental Radioactivity</i> , 2016, 158-159, 21-29.	1.7	75
35	Genetic and acclimatory variation in biophysical properties of insect cuticle lipids.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 7257-7260.	7.1	74
36	Antioxidants, radiation and mutation as revealed by sperm abnormality in barn swallows from Chernobyl. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 247-253.	2.6	74

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37	Home Range and Seasonal Activity of Southern Spotted Turtles (<i>Clemmys guttata</i>): Implications for Management. <i>Copeia</i> , 2004, 2004, 804-817.	1.3	72
38	Paternal Investment in a Seed Beetle (Coleoptera: Bruchidae): Influence of Male Size, Age, and Mating History. <i>Annals of the Entomological Society of America</i> , 1995, 88, 100-103.	2.5	70
39	Elevated frequency of abnormalities in barn swallows from Chernobyl. <i>Biology Letters</i> , 2007, 3, 414-417.	2.3	68
40	Male body size affects female lifetime reproductive success in a seed beetle. <i>Animal Behaviour</i> , 1995, 50, 281-284.	1.9	64
41	VARIATION IN GENETIC ARCHITECTURE OF CALLING SONG AMONG POPULATIONS OF <i>ALLONEMOBIUS SOCIUS</i> , <i>A. FASCIATUS</i> , AND A HYBRID POPULATION: DRIFT OR SELECTION?. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 216-224.	2.3	64
42	Efficiency of bio-indicators for low-level radiation under field conditions. <i>Ecological Indicators</i> , 2011, 11, 424-430.	6.3	64
43	Genetic and Ecological Studies of Animals in Chernobyl and Fukushima. <i>Journal of Heredity</i> , 2014, 105, 704-709.	2.4	64
44	Bird population declines due to radiation exposure at Chernobyl are stronger in species with pheomelanin-based coloration. <i>Oecologia</i> , 2011, 165, 827-835.	2.0	61
45	The ecology of diet expansion in a seed-feeding beetle: Pre-existing variation, rapid adaptation and maternal effects?. <i>Evolutionary Ecology</i> , 1997, 11, 183-194.	1.2	60
46	The evolution of the phenotypic covariance matrix: evidence for selection and drift in <i>Melanoplus</i> . <i>Journal of Evolutionary Biology</i> , 2005, 18, 1104-1114.	1.7	59
47	Determinants of interspecific variation in population declines of birds after exposure to radiation at Chernobyl. <i>Journal of Applied Ecology</i> , 2007, 44, 909-919.	4.0	57
48	EFFECT OF REARING ENVIRONMENT ON CALLING SONG PLASTICITY IN THE STRIPED GROUND CRICKET. <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 1271-1277.	2.3	54
49	Senescent sperm performance in old male birds. <i>Journal of Evolutionary Biology</i> , 2009, 22, 334-344.	1.7	54
50	Resuspension and atmospheric transport of radionuclides due to wildfires near the Chernobyl Nuclear Power Plant in 2015: An impact assessment. <i>Scientific Reports</i> , 2016, 6, 26062.	3.3	54
51	Increased oxidative stress in barn swallows from the Chernobyl region. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 155, 205-210.	1.8	52
52	Chernobyl Birds Have Smaller Brains. <i>PLoS ONE</i> , 2011, 6, e16862.	2.5	52
53	EXPLORING THE ROLE OF SENSE OF COMMUNITY IN THE UNDERGRADUATE TRANSFER STUDENT EXPERIENCE. <i>Journal of Community Psychology</i> , 2013, 41, 277-290.	1.8	52
54	Assessing effects of radiation on abundance of mammal predator-prey interactions in Chernobyl using tracks in the snow. <i>Ecological Indicators</i> , 2013, 26, 112-116.	6.3	51

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55	Highly reduced mass loss rates and increased litter layer in radioactively contaminated areas. <i>Oecologia</i> , 2014, 175, 429-437.	2.0	51
56	Abundance and genetic damage of barn swallows from Fukushima. <i>Scientific Reports</i> , 2015, 5, 9432.	3.3	51
57	An overview of current knowledge concerning the health and environmental consequences of the Fukushima Daiichi Nuclear Power Plant (FDNPP) accident. <i>Environment International</i> , 2015, 85, 213-228.	10.0	50
58	Host-associated fitness variation in a seed beetle (Coleoptera: Bruchidae): evidence for local adaptation to a poor quality host. <i>Oecologia</i> , 1994, 99, 329-336.	2.0	49
59	NUPTIAL GIFTS AND THE EVOLUTION OF MALE BODY SIZE. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 590-596.	2.3	48
60	DNA damage in barn swallows (<i>Hirundo rustica</i>) from the Chernobyl region detected by use of the comet assay. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 151, 271-277.	2.6	48
61	High frequency of albinism and tumours in free-living birds around Chernobyl. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 757, 52-59.	1.7	48
62	Clutch size manipulations in two seed beetles: consequences for progeny fitness. <i>Oecologia</i> , 1996, 108, 88-94.	2.0	47
63	The Evolutionary Genetics of an Adaptive Maternal Effect: Egg Size Plasticity in a Seed Beetle. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 552.	2.3	47
64	Thermal Acclimation and Genetic Variation in Cuticular Lipids of the Lesser Migratory Grasshopper (<i>Melanoplus sanguinipes</i>): Effects of Lipid Composition on Biophysical Properties. <i>Physiological Zoology</i> , 1994, 67, 1523-1543.	1.5	46
65	Radiological dose reconstruction for birds reconciles outcomes of Fukushima with knowledge of dose-effect relationships. <i>Scientific Reports</i> , 2015, 5, 16594.	3.3	46
66	GEOGRAPHIC VARIATION IN REPRODUCTION IN A FRESHWATER TURTLE (<i>CLEMMYS GUTTATA</i>). <i>Herpetologica</i> , 2006, 62, 132-140.	0.4	45
67	The reproductive response of an endemic bunchgrass indicates historical timing of a keystone process. <i>Ecosphere</i> , 2012, 3, 1-12.	2.2	45
68	Variation in sperm morphometry and sperm competition among barn swallow (<i>Hirundo rustica</i>) populations. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 301-309.	1.4	45
69	Reconstructing the Chernobyl Nuclear Power Plant (CNPP) accident 30 years after. A unique database of air concentration and deposition measurements over Europe. <i>Environmental Pollution</i> , 2016, 216, 408-418.	7.5	45
70	Updating models for restoration and management of fiery ecosystems. <i>Forest Ecology and Management</i> , 2015, 356, 54-63.	3.2	44
71	Environmental radiation alters the gut microbiome of the bank vole <i>Myodes glareolus</i> . <i>ISME Journal</i> , 2018, 12, 2801-2806.	9.8	44
72	TIBIAL SPUR FEEDING IN GROUND CRICKETS: LARGER MALES CONTRIBUTE LARGER GIFTS (ORTHOPTERA: Tj ETQq0 0 0 rgBT /Overlock	0.5	43

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73	Fitness costs of increased cataract frequency and cumulative radiation dose in natural mammalian populations from Chernobyl. <i>Scientific Reports</i> , 2016, 6, 19974.	3.3	42
74	Fire evolution in the radioactive forests of Ukraine and Belarus: future risks for the population and the environment. <i>Ecological Monographs</i> , 2015, 85, 49-72.	5.4	41
75	Antioxidants in eggs of great tits <i>Parus major</i> from Chernobyl and hatching success. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2008, 178, 735-743.	1.5	40
76	Long-term effects of ionizing radiation after the Chernobyl accident: Possible contribution of historic dose. <i>Environmental Research</i> , 2018, 165, 55-62.	7.5	40
77	The role of gene flow asymmetry along an environmental gradient in constraining local adaptation and range expansion. <i>Journal of Evolutionary Biology</i> , 2012, 25, 1676-1685.	1.7	39
78	PATTERNS OF PHENOTYPIC AND GENETIC VARIATION FOR THE PLASTICITY OF DIAPAUSE INCIDENCE. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 1520-1531.	2.3	38
79	Elevated Mortality among Birds in Chernobyl as Judged from Skewed Age and Sex Ratios. <i>PLoS ONE</i> , 2012, 7, e35223.	2.5	38
80	Assessing the Effects of Climate on Host-Parasite Interactions: A Comparative Study of European Birds and Their Parasites. <i>PLoS ONE</i> , 2013, 8, e82886.	2.5	38
81	Geographic variation in embryonic development time and stage of diapause in a grasshopper. <i>Oecologia</i> , 1994, 97, 179-185.	2.0	37
82	Ionizing radiation from Chernobyl affects development of wild carrot plants. <i>Scientific Reports</i> , 2016, 6, 39282.	3.3	37
83	Analysis of a hybrid zone in <i>Fundulus majalis</i> in a northeastern Florida ecotone. <i>Heredity</i> , 1995, 74, 117-128.	2.6	36
84	Microorganisms Associated with Feathers of Barn Swallows in Radioactively Contaminated Areas Around Chernobyl. <i>Microbial Ecology</i> , 2010, 60, 373-380.	2.8	36
85	Geographic variability in the incidence and heritability of wing dimorphism in the striped ground cricket, <i>Allonemobius fasciatus</i> . <i>Heredity</i> , 1989, 62, 315-318.	2.6	35
86	Resistance of Feather-Associated Bacteria to Intermediate Levels of Ionizing Radiation near Chernobyl. <i>Scientific Reports</i> , 2016, 6, 22969.	3.3	34
87	Flammability of the keystone savanna bunchgrass <i>Aristida stricta</i> . <i>Plant Ecology</i> , 2016, 217, 331-342.	1.6	34
88	Exposure to environmental radionuclides associates with tissue-specific impacts on telomerase expression and telomere length. <i>Scientific Reports</i> , 2019, 9, 850.	3.3	34
89	Plants in the Light of Ionizing Radiation: What Have We Learned From Chernobyl, Fukushima, and Other "Hot" Places?. <i>Frontiers in Plant Science</i> , 2020, 11, 552.	3.6	34
90	Genetic and Environmental Contributions to Geographic Variation in the Ovipositor Length of a Cricket. <i>Ecology</i> , 1995, 76, 1473-1482.	3.2	33

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91	GENETIC VARIATION IN CRICKET CALLING SONG ACROSS A HYBRID ZONE BETWEEN TWO SIBLING SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1104-1110.	2.3	32
92	Elevated Frequency of Cataracts in Birds from Chernobyl. <i>PLoS ONE</i> , 2013, 8, e66939.	2.5	32
93	Variation in Genetic Architecture of Calling Song among Populations of <i>Allonemobius socius</i> , <i>A. fasciatus</i> , and a Hybrid Population: Drift or Selection?. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 216.	2.3	31
94	Clinal variation in body and cell size in a widely distributed vertebrate ectotherm. <i>Oecologia</i> , 2004, 140, 551-558.	2.0	31
95	Tree rings reveal extent of exposure to ionizing radiation in Scots pine <i>Pinus sylvestris</i> . <i>Trees - Structure and Function</i> , 2013, 27, 1443-1453.	1.9	31
96	Polygyny and nest site abundance in the slimy sculpin (<i>Cottus cognatus</i>). <i>Canadian Journal of Zoology</i> , 1987, 65, 2827-2829.	1.0	29
97	¹³⁷ Cesium Exposure and Spirometry Measures in Ukrainian Children Affected by the Chernobyl Nuclear Incident. <i>Environmental Health Perspectives</i> , 2010, 118, 720-725.	6.0	29
98	The number of syllables in Chernobyl cuckoo calls reliably indicate habitat, soil and radiation levels. <i>Ecological Indicators</i> , 2016, 66, 592-597.	6.3	29
99	Landscape portrait: A look at the impacts of radioactive contaminants on Chernobyl's wildlife. <i>Bulletin of the Atomic Scientists</i> , 2011, 67, 38-46.	0.6	28
100	Sexual signals, risk of predation and escape behavior. <i>Behavioral Ecology</i> , 2011, 22, 800-807.	2.2	28
101	Applying the Anna Karenina principle for wild animal gut microbiota: Temporal stability of the bank vole gut microbiota in a disturbed environment. <i>Journal of Animal Ecology</i> , 2020, 89, 2617-2630.	2.8	28
102	Leaf abscission phenology of a scrub oak: consequences for growth and survivorship of a leaf mining beetle. <i>Oecologia</i> , 2001, 127, 251-258.	2.0	27
103	Patterns of sperm damage in Chernobyl passerine birds suggest a trade-off between sperm length and integrity. <i>Biology Letters</i> , 2013, 9, 20130530.	2.3	27
104	Aspermy, Sperm Quality and Radiation in Chernobyl Birds. <i>PLoS ONE</i> , 2014, 9, e100296.	2.5	27
105	Fecundity as one of possible factors contributing to the dominance of the wMel genotype of <i>Wolbachia</i> in natural populations of <i>Drosophila melanogaster</i> . <i>Symbiosis</i> , 2014, 63, 11-17.	2.3	27
106	GEOGRAPHIC VARIATION IN MATERNAL-AGE EFFECTS ON DIAPAUSE IN A CRICKET. <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 1053-1059.	2.3	26
107	Effect of Rearing Environment on Calling-Song Plasticity in the Striped Ground Cricket. <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 1271.	2.3	25
108	The effects of radiation on sperm swimming behavior depend on plasma oxidative status in the barn swallow (<i>Hirundo rustica</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011, 159, 105-112.	1.8	25

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109	Variation in budbreak phenology affects the distribution of a leafmining beetle (<i>Brachys tenebralis</i>). <i>Journal of Applied Ecology</i> , 2014, 51, 107-114.	0.784314	10
110	RELATIVE EFFECTS OF CLIMATE AND CROWDING ON WING POLYMORPHISM IN THE SOUTHERN GROUND CRICKET, <i>ALLONEMOBIUS SOCIUS</i> (ORTHOPTERA: GRYLLIDAE). <i>Florida Entomologist</i> , 2003, 86, 158-164.	0.5	24
111	Cumulative effects of radioactivity from Fukushima on the abundance and biodiversity of birds. <i>Journal of Ornithology</i> , 2015, 156, 297-305.	1.1	23
112	Reduced abundance of raptors in radioactively contaminated areas near Chernobyl. <i>Journal of Ornithology</i> , 2009, 150, 239-246.	1.1	22
113	Epidemiologic Methods Lessons Learned from Environmental Public Health Disasters: Chernobyl, the World Trade Center, Bhopal, and Graniteville, South Carolina. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 2894-2909.	2.6	22
114	Increased radiation from Chernobyl decreases the expression of red colouration in natural populations of bank voles (<i>Myodes glareolus</i>). <i>Scientific Reports</i> , 2014, 4, 7141.	3.3	22
115	Ionizing Radiation from Chernobyl and the Fraction of Viable Pollen. <i>International Journal of Plant Sciences</i> , 2016, 177, 727-735.	1.3	22
116	Ecological mechanisms can modify radiation effects in a key forest mammal of Chernobyl. <i>Ecosphere</i> , 2019, 10, e02667.	2.2	22
117	Molecular and morphological evidence for hybridization between two ecologically distinct grasshoppers (<i>Melanoplus sanguinipes</i> and <i>M. devastator</i>) in California. <i>Heredity</i> , 1994, 72, 42-54.	2.6	21
118	IMMUNE SUPPRESSION AND THE COST OF REPRODUCTION IN THE GROUND CRICKET, <i>ALLONEMOBIUS SOCIUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 2478.	2.3	21
119	Demography of a Southern Population of the Spotted Turtle (<i>Clemmys guttata</i>). <i>Southeastern Naturalist</i> , 2004, 3, 391-400.	0.4	21
120	Determinants of Clutch Size and Seed Preference in a Seed Beetle, <i>Stator beali</i> (Coleoptera: Bruchidae). <i>Environmental Entomology</i> , 1995, 24, 1557-1561.	1.4	20
121	Genetic Variation in Cricket Calling Song Across a Hybrid Zone Between Two Sibling Species. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1104.	2.3	19
122	Multiple Clutching in Southern Spotted Turtles, <i>Clemmys guttata</i> . <i>Journal of Herpetology</i> , 2003, 37, 17-23.	0.5	19
123	Ecological differences in response of bird species to radioactivity from Chernobyl and Fukushima. <i>Journal of Ornithology</i> , 2015, 156, 287-296.	1.1	19
124	Life history constraints contribute to the vulnerability of a declining North American rattlesnake. <i>Biological Conservation</i> , 2013, 159, 530-538.	4.1	18
125	Low-dose radiation, scientific scrutiny, and requirements for demonstrating effects. <i>BMC Biology</i> , 2013, 11, 92.	3.8	17
126	Heterogeneous relationships between abundance of soil surface invertebrates and radiation from Chernobyl. <i>Ecological Indicators</i> , 2015, 52, 128-133.	6.3	17

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127	Oviposition and incubation environmental effects on embryonic diapause in a ground cricket. <i>Animal Behaviour</i> , 1998, 55, 331-336.	1.9	15
128	Microsatellite markers isolated from barn swallows (<i>Hirundo rustica</i>). <i>Molecular Ecology Notes</i> , 2007, 7, 833-835.	1.7	15
129	Comparable response of wild rodent gut microbiome to anthropogenic habitat contamination. <i>Molecular Ecology</i> , 2021, 30, 3485-3499.	3.9	15
130	Analysis of heteroplasmy in bank voles inhabiting the Chernobyl exclusion zone: A commentary on Baker et al. (2017) "Elevated mitochondrial genome variation after 50 generations of radiation exposure in a wild rodent." <i>Evolutionary Applications</i> , 2018, 11, 820-826.	3.1	14
131	A Comparative Study of Sexual Selection and Reproductive Investment in the Slimy Sculpin, <i>Cottus cognatus</i> . <i>Oikos</i> , 1988, 51, 156.	2.7	13
132	Geographic Variation in Maternal-Age Effects on Diapause in a Cricket. <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 1053.	2.3	13
133	Oviposition Preference Hierarchy of <i>Brachys tessellatus</i> (Coleoptera: Buprestidae). <i>Environmental Entomology</i> , 1996, 25, 63-67.	1.4	13
134	Programmed cell death in flight muscle histolysis of the house cricket. <i>Journal of Insect Physiology</i> , 2007, 53, 30-39.	2.0	13
135	Transcriptional Upregulation of DNA Damage Response Genes in Bank Voles (<i>Myodes glareolus</i>) Inhabiting the Chernobyl Exclusion Zone. <i>Frontiers in Environmental Science</i> , 2018, 5, .	3.3	13
136	Two hundred and fifty-four metagenome-assembled bacterial genomes from the bank vole gut microbiota. <i>Scientific Data</i> , 2020, 7, 312.	5.3	13
137	Dose reconstruction supports the interpretation of decreased abundance of mammals in the Chernobyl Exclusion Zone. <i>Scientific Reports</i> , 2020, 10, 14083.	3.3	13
138	The Biology of Chernobyl. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2021, 52, 87-109.	8.3	13
139	Original Article. <i>Ecological Entomology</i> , 1997, 22, 416-424.	2.2	12
140	Don't underestimate the death rate from Chernobyl. <i>Nature</i> , 2005, 437, 1089-1089.	27.8	12
141	Faster Development Covaries with Higher DNA Damage in Grasshoppers (<i>Chorthippus</i>) <i>Tj ETQq1 1 0.784314 rgBT_{1.5}/Overlock 10 Tf 50</i>	1.5	12
142	Reduced colonization by soil invertebrates to irradiated decomposing wood in Chernobyl. <i>Science of the Total Environment</i> , 2018, 645, 773-779.	8.0	12
143	De novo congenital malformation frequencies in children from the Bryansk region following the Chernobyl disaster (2000-2017). <i>Heliyon</i> , 2020, 6, e04616.	3.2	12
144	Natural selection drives the link between male immune function and reproductive potential. <i>Canadian Journal of Zoology</i> , 2005, 83, 1012-1014.	1.0	11

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145	Using Occupancy Models to Examine Human-Wildlife Interactions. <i>Human Dimensions of Wildlife</i> , 2013, 18, 138-151.	1.8	11
146	Radiation Levels Affect Pollen Viability and Germination among Sites and Species at Chernobyl. <i>International Journal of Plant Sciences</i> , 2017, 178, 537-545.	1.3	11
147	Exposure to environmental radionuclides alters mitochondrial DNA maintenance in a wild rodent. <i>Evolutionary Ecology</i> , 2020, 34, 163-174.	1.2	11
148	The strength of temperature-mediated selection on body size in a wild insect population. <i>Journal of Orthoptera Research</i> , 2008, 17, 347-351.	1.0	10
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175	Interpretation of gut microbiota data in the "eye of the beholder": A commentary and reevaluation of data from "Impacts of radiation exposure on the bacterial and fungal microbiome of small mammals in the Chernobyl Exclusion Zone". <i>Journal of Animal Ecology</i> , 2022, 91, 1535-1545.	2.8	4
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178	Defenses against keratinolytic bacteria in birds living in radioactively contaminated areas. <i>Die Naturwissenschaften</i> , 2016, 103, 71.	1.6	3
179	Environmental Effects on Southern Two-Lined Salamander (<i>Eurycea cirrigera</i>) Nest-Site Selection. <i>Copeia</i> , 2015, 103, 7-13.	1.3	2
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