Jonathan N Pauli

List of Publications by Year
in descending order

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105 papers	2,835 citations	201674 27 h-index	214800 47 g-index
108 all docs	108 docs citations	108 times ranked	3616 citing authors

#	Article	IF	Citations
1	Reliability of genetic bottleneck tests for detecting recent population declines. Molecular Ecology, 2012, 21, 3403-3418.	3.9	433
2	The subnivium: a deteriorating seasonal refugium. Frontiers in Ecology and the Environment, 2013, 11, 260-267.	4.0	143
3	Microbes are trophic analogs of animals. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15119-15124.	7.1	113
4	Human disturbance increases trophic niche overlap in terrestrial carnivore communities. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26842-26848.	7.1	86
5	Unpacking brown foodâ€webs: Animal trophic identity reflects rampant microbivory. Ecology and Evolution, 2017, 7, 3532-3541.	1.9	82
6	A PLAGUE EPIZOOTIC IN THE BLACK-TAILED PRAIRIE DOG (CYNOMYS LUDOVICIANUS). Journal of Wildlife Diseases, 2006, 42, 74-80.	0.8	74
7	Integrating temporal refugia into landscapes of fear: prey exploit predator downtimes to forage in risky places. Oecologia, 2019, 189, 883-890.	2.0	71
8	A syndrome of mutualism reinforces the lifestyle of a sloth. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133006.	2.6	58
9	Quantifying risk and resource use for a large carnivore in an expanding urbanâ€“wildland interface. Journal of Applied Ecology, 2016, 53, 371-378.	4.0	57
10	Niche compression intensifies competition between reintroduced American martens (Martes) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.3	55
11	Finding the right coverage: the impact of coverage and sequence quality on single nucleotide polymorphism genotyping error rates. Molecular Ecology Resources, 2016, 16, 966-978.	4.8	53
12	Defining Noninvasive Approaches for Sampling of Vertebrates. Conservation Biology, 2010, 24, 349-352.	4.7	52
13	Climate change surpasses land-use change in the contracting range boundary of a winter-adapted mammal. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20153104.	2.6	50
14	Opinion: Why we need a centralized repository for isotopic data. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2997-3001.	7.1	50
15	Robot ecology: Constraint-based control design for long duration autonomy. Annual Reviews in Control, 2018, 46, 1-7.	7.9	50
16	Diet specialization selects for an unusual and simplified gut microbiota in twoâ€and threeâ€toed sloths. Environmental Microbiology, 2016, 18, 1391-1402.	3.8	48
17	Habitat complexity mediates the predatorâ€“prey space race. Ecology, 2019, 100, e02724.	3.2	47
18	Arboreal Folivores Limit Their Energetic Output, All the Way to Slothfulness. American Naturalist, 2016, 188, 196-204.	2.1	45

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19	Recreational Shooting of Prairie Dogs: A Portal for Lead Entering Wildlife Food Chains. Journal of Wildlife Management, 2007, 71, 103-108.	1.8	44
20	Risk-disturbance overrides density dependence in a hunted colonial rodent, the black-tailed prairie dog Cynomys ludovicianus. Journal of Applied Ecology, 2007, 44, 1219-1230.	4.0	41
21	Human expansion precipitates niche expansion for an opportunistic apex predator (Puma concolor). Scientific Reports, 2016, 6, 39639.	3.3	39
22	An experimental translocation identifies habitat features that buffer camouflage mismatch in snowshoe hares. Conservation Letters, 2019, 12, e12614.	5.7	38
23	Puma predation subsidizes an obligate scavenger in the high Andes. Journal of Applied Ecology, 2017, 54, 846-853.	4.0	37
24	Stable isotopes reveal limited Eltonian niche conservatism across carnivore populations. Functional Ecology, 2019, 33, 335-345.	3.6	32
25	Winter Conditions and Land Cover Structure the Subnivium, A Seasonal Refuge beneath the Snow. PLoS ONE, 2015, 10, e0127613.	2.5	31
26	Potential role of prey in the recovery of American martens to Wisconsin. Journal of Wildlife Management, 2014, 78, 1499-1504.	1.8	30
27	Snow roosting reduces temperature-associated stress in a wintering bird. Oecologia, 2019, 190, 309-321.	2.0	30
28	Population dynamics of a northernâ€adapted mammal: disentangling the influence of predation and climate change. Ecological Applications, 2015, 25, 1546-1556.	3.8	28
29	Unexpected Strong Polygyny in the Brown-Throated Three-Toed Sloth. PLoS ONE, 2012, 7, e51389.	2.5	27
30	The diet of black bears tracks the human footprint across a rapidly developing landscape. Biological Conservation, 2016, 200, 51-59.	4.1	27
31	Where and when to hunt? Decomposing predation success of an ambush carnivore. Ecology, 2020, 101, e03172.	3.2	27
32	Augmentation Provides Nominal Genetic and Demographic Rescue for an Endangered Carnivore. Conservation Letters, 2017, 10, 178-185.	5.7	26
33	Advances in population ecology and species interactions in mammals. Journal of Mammalogy, 2019, 100, 965-1007.	1.3	25
34	Forest structure and snow depth alter the movement patterns and subsequent expenditures of a forest carnivore, the Pacific marten. Oikos, 2020, 129, 356-366.	2.7	25
35	Identifying conservation priority areas for the Andean condor in southern South America. Biological Conservation, 2020, 243, 108494.	4.1	24
36	It Is Time for IsoBank. BioScience, 2015, 65, 229-230.	4.9	21

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37	Conserving and managing the subnivium. Conservation Biology, 2018, 32, 774-781.	4.7	21
38	The phenology of the subnivium. Environmental Research Letters, 2018, 13, 064037.	5.2	21
39	Strongyloides robustus and the Northern Sympatric Populations of Northern (Glaucomys sabrinus) and Southern (G. volans) Flying Squirrels. Journal of Wildlife Diseases, 2004, 40, 579-582.	0.8	20
40	DNA-based approach to aging martens (Martes americanaandM. caurina). Journal of Mammalogy, 2011, 92, 500-510.	1.3	20
41	The mating system of a â€˜lazyâ€™ mammal, Hoffmann's two-toed sloth. Animal Behaviour, 2012, 84, 555-562.	1.9	20
42	The corrupted carnivore: how humans are rearranging the return of the carnivoreâ€“scavenger relationship. Ecology, 2018, 99, 2122-2124.	3.2	20
43	Resource use by the two-toed sloth (Choloepus hoffmanni) and the three-toed sloth (Bradypus variegatus) differs in a shade-grown agro-ecosystem. Journal of Tropical Ecology, 2015, 31, 49-55.	1.1	19
44	Can landscape heterogeneity promote carnivore coexistence in human-dominated landscapes?. Landscape Ecology, 2020, 35, 2013-2027.	4.2	19
45	Monitoring vultures in the 21st century: The need for standardized protocols. Journal of Applied Ecology, 2019, 56, 796-801.	4.0	19
46	Predation shapes the movement of a well-defended species, the North American porcupine, even when nutritionally stressed. Behavioral Ecology, 2016, 27, 470-475.	2.2	18
47	Evidence of genetic structure in a wideâ€ranging and highly mobile soaring scavenger, the Andean condor. Diversity and Distributions, 2018, 24, 1534-1544.	4.1	18
48	Cascading effects of a disease outbreak in a remote protected area. Ecology Letters, 2022, 25, 1152-1163.	6.4	18
49	Shadeâ€grown cacao supports a selfâ€sustaining population of twoâ€toed but not threeâ€toed sloths. Journal of Applied Ecology, 2014, 51, 162-170.	4.0	17
50	Unexpected genetic composition of a reintroduced carnivore population. Biological Conservation, 2017, 215, 246-253.	4.1	17
51	Consumption of intentional food subsidies by a hunted carnivore. Journal of Wildlife Management, 2017, 81, 1161-1169.	1.8	17
52	The cascading effects of human food on hibernation and cellular aging in free-ranging black bears. Scientific Reports, 2019, 9, 2197.	3.3	17
53	Foraging plasticity in a highly specialized carnivore, the endangered black-footed ferret. Biological Conservation, 2014, 169, 1-5.	4.1	16
54	Environmental, not individual, factors drive markers of biological aging in black bears. Evolutionary Ecology, 2017, 31, 571-584.	1.2	16

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55	Food subsidies of raccoons (Procyon lotor) in anthropogenic landscapes. Canadian Journal of Zoology, 2019, 97, 654-657.	1.0	16
56	Effects of Blowdown on Small Mammal Populations. American Midland Naturalist, 2006, 156, 151-162.	0.4	15
57	Examining the uncertain origin and management role of martens on Prince of Wales Island, Alaska. Conservation Biology, 2015, 29, 1257-1267.	4.7	15
58	Extensive forests and persistent snow cover promote snowshoe hare occupancy in Wisconsin. Journal of Wildlife Management, 2016, 80, 894-905.	1.8	15
59	Future winters present a complex energetic landscape of decreased costs and reduced risk for a freezeâ€tolerant amphibian, the Wood Frog (Lithobates sylvaticus). Global Change Biology, 2020, 26, 6350-6362.	9.5	15
60	Modeling the distribution of niche space and risk for a freezeâ€tolerant ectotherm, Lithobates sylvaticus. Ecosphere, 2019, 10, e02788.	2.2	14
61	Winter Habitat Indices (WHIs) for the contiguous US and their relationship with winter bird diversity. Remote Sensing of Environment, 2021, 255, 112309.	11.0	14
62	The decline of a hidden and expansive microhabitat: the subnivium. Frontiers in Ecology and the Environment, 2021, 19, 268-273.	4.0	14
63	Natal dispersal of tree sloths in a humanâ€dominated landscape: Implications for tropical biodiversity conservation. Journal of Applied Ecology, 2018, 55, 2253-2262.	4.0	13
64	A recovery network leads to the natural recolonization of an archipelago and a potential trailing edge refuge. Ecological Applications, 2021, 31, e02416.	3.8	12
65	Spatial variation in bioclimatic relationships for a snowâ€adapted species along a discontinuous southern range boundary. Journal of Biogeography, 2022, 49, 66-78.	3.0	12
66	Poor body condition and diet diversity in a harvested population of fishers. Wildlife Biology, 2018, 2018, 1-5.	1.4	10
67	Demography of avian scavengers after Pleistocene megafaunal extinction. Scientific Reports, 2019, 9, 9680.	3.3	10
68	Competitive overlap between martens Martes americana and Martes caurina and fishers Pekania pennanti: a rangewide perspective and synthesis. Mammal Review, 2022, 52, 392-409.	4.8	10
69	Winter conditions structure extratropical patterns of species richness of amphibians, birds and mammals globally. Global Ecology and Biogeography, 2022, 31, 1366-1380.	5.8	10
70	Quantifying dispersal rates and distances in North American martens: a test of enriched isotope labeling. Journal of Mammalogy, 2012, 93, 390-398.	1.3	9
71	Cophylogenetics and biogeography reveal a coevolved relationship between sloths and their symbiont algae. Molecular Phylogenetics and Evolution, 2017, 110, 73-80.	2.7	9
72	Prey of reintroduced fishers and their habitat relationships in the Cascades Range, Washington. Forest Ecology and Management, 2020, 460, 117888.	3.2	9

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73	Isolation and characterization of 18 microsatellite markers for the brown-throated three-toed sloth, Bradypus variegatus. Conservation Genetics Resources, 2012, 4, 1037-1039.	0.8	8
74	Genetic consequences of social dynamics in the Andean condor: the role of sex and age. Behavioral Ecology and Sociobiology, 2019, 73, 1.	1.4	8
75	Limited sexual segregation in a dimorphic avian scavenger, the Andean condor. Oecologia, 2021, 196, 77-88.	2.0	8
76	Small mammal dynamics in snow-covered forests. Journal of Mammalogy, 2022, 103, 680-692.	1.3	8
77	Development and characterization of 16 microsatellites for Hoffmannâ€™s two-toed sloth, Choloepus hoffmanni. Conservation Genetics Resources, 2011, 3, 625-627.	0.8	7
78	More precisely biased: increasing the number of markers is not a silver bullet in genetic bottleneck testing. Molecular Ecology, 2013, 22, 3451-3457.	3.9	7
79	Modest immigration can rescue a reintroduced carnivore population. Journal of Wildlife Management, 2019, 83, 567-576.	1.8	7
80	The past, present and future impacts of climate and land use change on snowshoe hares along their southern range boundary. Biological Conservation, 2020, 249, 108731.	4.1	7
81	Landscape seasonality influences the resource selection of a snow-adapted forest carnivore, the Pacific marten. Landscape Ecology, 2021, 36, 1055-1069.	4.2	7
82	Weather and land cover create a predictable â€œstress-scapeâ€•for a winter-adapted bird. Landscape Ecology, 2022, 37, 779-793.	4.2	7
83	Carnivore Niche Partitioning in a Human Landscape. American Naturalist, 2022, 199, 496-509.	2.1	7
84	The Great Lakes Region is a melting pot for vicariant red fox (Vulpes vulpes) populations. Journal of Mammalogy, 2018, 99, 1229-1236.	1.3	6
85	Quantifying niche partitioning and multichannel feeding among tree squirrels. Food Webs, 2019, 21, e00124.	1.2	6
86	Experimental repatriation of snowshoe hares along a southern range boundary reveals historical community interactions. Ecological Monographs, 2022, 92, .	5.4	6
87	Evidence for Long-distance Swimming Capabilities in Red Squirrels, Tamiasciurus hudsonicus. Northeastern Naturalist, 2005, 12, 245-248.	0.3	5
88	Accuracy in molecular sexing of martens (Martes americana and Martes caurina) varies among sample types. Molecular Ecology Resources, 2010, 10, 1019-1022.	4.8	5
89	Dynamic colonization history in a rediscovered Isle Royale carnivore. Scientific Reports, 2018, 8, 12711.	3.3	5
90	Latitudinal variation in snowshoe hare (Lepus americanus) body mass: a test of Bergmannâ€™s rule. Canadian Journal of Zoology, 2020, 98, 88-95.	1.0	5

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91	Andean and California condors possess dissimilar genetic composition but exhibit similar demographic histories. Ecology and Evolution, 2020, 10, 13011-13021.	1.9	5
92	A method to estimate body mass and relative age of exotic lagomorphs in the southern Neotropics. Acta Theriologica, 2005, 50, 81-89.	1.1	4
93	Genomics meets applied ecology: Characterizing habitat quality for sloths in a tropical agroecosystem. Molecular Ecology, 2018, 27, 41-53.	3.9	4
94	The demography of a resource specialist in the tropics: Cecropia trees and the fitness of three-toed sloths. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182206.	2.6	4
95	Habitat and drought influence the diet of an unexpected mycophagist: fishers in the Sierra Nevada, California. Journal of Mammalogy, 2022, 103, 328-338.	1.3	4
96	More than just meat: Carcass decomposition shapes trophic identities in a terrestrial vertebrate. Functional Ecology, 2022, 36, 1473-1482.	3.6	4
97	Not all management is equal: a comparison of methods to increase wood turtle population viability. Journal of Wildlife Management, 2022, 86, .	1.8	4
98	Individual reproductive strategies shape the mating system of tree sloths. Journal of Mammalogy, 0, , .	1.3	3
99	A reclassification of red squirrels, Tamiasciurus hudsonicus (Rodentia: Sciuridae), on Isle Royale. Biological Journal of the Linnean Society, 2019, 127, 213-223.	1.6	2
100	Evaluating the legacy of multiple introductions of American martens on spatiotemporal patterns of genetic diversity. Journal of Mammalogy, 2022, 103, 303-315.	1.3	2
101	Anomalous snow events increase mortality for a winter-adapted species. Canadian Journal of Zoology, 2022, 100, 574-582.	1.0	2
102	Exploring the Origins of Red Foxes (Vulpes vulpes) on Isle Royale. American Midland Naturalist, 2021, 185, .	0.4	1
103	Green sloths and brown cows: the role of dominant mammalian herbivores in carbon emissions for tropical agroâ€ecosystems. Mammal Review, 2017, 47, 164-168.	4.8	1
104	Island Hopping Leads to Unforeseen Connections: The Arising Researcher. Bulletin of the Ecological Society of America, 2017, 98, 195-196.	0.2	0
105	Robot Ecology: An Inspiration for Future Ecologists. BioScience, 2021, 71, 325-326.	4.9	0