Taal Levi

List of Publications by Year
in descending order

72	5,656	136950 32	88630 70
papers	citations	h-index	g-index

80	80	80	8251
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Invertebrates for vertebrate biodiversity monitoring: Comparisons using three insect taxa as iDNA samplers. Molecular Ecology Resources, 2022, 22, 962-977.	4.8	14
2	Extensive aquatic subsidies lead to territorial breakdown and high density of an apex predator. Ecology, 2022, 103, e03543.	3.2	11
3	The number of tree species on Earth. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	86
4	Diet analysis using generalized linear models derived from foraging processes using <scp>R</scp> package <scp>mvtweedie</scp>. Ecology, 2022, 103, e3637.	3.2	6
5	The spatial overlap of smallâ€scale cannabis farms with aquatic and terrestrial biodiversity. Conservation Science and Practice, 2022, 4, .	2.0	2
6	Better boundaries: identifying the upper extent of fish distributions in forested streams using eDNA and electrofishing. Ecosphere, 2021, 12, e03332.	2.2	20
7	A forest loss report card for the worldâ€™s protected areas. Nature Ecology and Evolution, 2021, 5, 520-529.	7.8	60
8	Mesocarnivore landscape use along a gradient of urban, rural, and forest cover. PeerJ, 2021, 9, e11083.	2.0	17
9	Comparison of mechanical sorting and DNA metabarcoding for diet analysis with fresh and degraded wolf scats. Ecosphere, 2021, 12, e03557.	2.2	13
10	The Rapid Rise of Next-Generation Natural History. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	28
11	Local Values and Data Empower Culturally Guided Ecosystemâ€Based Fisheries Management of the Wuikinuxv Bearâ€“Salmonâ€“Human System. Marine and Coastal Fisheries, 2021, 13, 362-378.	1.4	9
12	Predicted distribution of a rare and understudied forest carnivore: Humboldt marten (Martes) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	2.0	4
13	Variable strategies to solve riskâ€“reward tradeoffs in carnivore communities. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	28
14	Evaluating and integrating spatial captureâ€“recapture models with data of variable individual identifiability. Ecological Applications, 2021, 31, e02405.	3.8	16
15	Diet of invasive wild pigs in a landscape dominated by sugar cane plantations. Journal of Mammalogy, 2021, 102, 1309-1317.	1.3	3
16	Metabarcoding of fecal DNA shows dietary diversification in wolves substitutes for ungulates in an island archipelago. Ecosphere, 2021, 12, e03297.	2.2	26
17	Metabarcoding of fecal DNA shows dietary diversification in wolves substitutes for ungulates in an island archipelago. , 2021, 12, e03297.		1
18	Integrating Genetic Data and Demographic Modeling to Facilitate Conservation of Small, Isolated Mountain Goat Populations. Journal of Wildlife Management, 2021, 85, 271-282.	1.8	7

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19	Integrating multiâ€method surveys and recovery trajectories into occupancy models. Ecosphere, 2021, 12, .	2.2	8
20	Environmental DNA facilitates accurate, inexpensive, and multiyear population estimates of millions of anadromous fish. Molecular Ecology Resources, 2020, 20, 457-467.	4.8	27
21	Community Ecology and Conservation of Bear-Salmon Ecosystems. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	18
22	More affordable and effective noninvasive single nucleotide polymorphism genotyping using highâ€throughput amplicon sequencing. Molecular Ecology Resources, 2020, 20, 1505-1516.	4.8	32
23	Experimental evaluation of genomic DNA degradation rates for the pathogen Pseudogymnoascus destructans (Pd) in bat guano. PeerJ, 2020, 8, e8141.	2.0	5
24	Seed dispersal effectiveness by a largeâ€bodied invasive species in defaunated landscapes. Biotropica, 2019, 51, 862-873.	1.6	17
25	Eating plants and planting forests for the climate. Global Change Biology, 2019, 25, 3995-3995.	9.5	4
26	Behavioral changes and nutritional consequences to elk (Cervus canadensis) avoiding perceived risk from human hunters. Ecosphere, 2019, 10, e02864.	2.2	18
27	Visual encounters on line transect surveys under-detect carnivore species: Implications for assessing distribution and conservation status. PLoS ONE, 2019, 14, e0223922.	2.5	8
28	Biotic factors influencing the unexpected distribution of a Humboldt marten (Martes caurina) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	2.5	20
29	Reply to Cannon and Lerdau: Maintenance of tropical forest tree diversity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8106-8106.	7.1	4
30	Extinction filters mediate the global effects of habitat fragmentation on animals. Science, 2019, 366, 1236-1239.	12.6	164
31	Tropical forests can maintain hyperdiversity because of enemies. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 581-586.	7.1	50
32	Environmental DNA for the enumeration and management of Pacific salmon. Molecular Ecology Resources, 2019, 19, 597-608.	4.8	69
33	The primacy of bears as seed dispersers in salmonâ€bearing ecosystems. Ecosphere, 2018, 9, e02076.	2.2	23
34	Human activity reduces niche partitioning among three widespread mesocarnivores. Oikos, 2018, 127, 890-901.	2.7	105
35	Projecting the future of an alpine ungulate under climate change scenarios. Global Change Biology, 2018, 24, 1136-1149.	9.5	40
36	Fire history influences largeâ€herbivore behavior at circadian, seasonal, and successional scales. Ecological Applications, 2018, 28, 2082-2091.	3.8	27

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37	Large species within carnivora are large carnivores. Royal Society Open Science, 2018, 5, 181228.	2.4	3
38	Salmonâ€supported bears, seed dispersal, and extensive resource subsidies to granivores. Ecosphere, 2018, 9, e02297.	2.2	52
39	Tickâ€borne disease risk in a forest food web. Ecology, 2018, 99, 1562-1573.	3.2	106
40	Density and population viability of coastal marten: a rare and geographically isolated small carnivore. PeerJ, 2018, 6, e4530.	2.0	15
41	Lyme disease ecology in a changing world: consensus, uncertainty and critical gaps for improving control. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160117.	4.0	173
42	Global forest loss disproportionately erodes biodiversity in intact landscapes. Nature, 2017, 547, 441-444.	27.8	370
43	Intrapopulation diversity in isotopic niche over landscapes: Spatial patterns inform conservation of bearâ€“salmon systems. Ecosphere, 2017, 8, e01843.	2.2	30
44	To migrate, stay put, or wander? Varied movement strategies in bald eagles (Haliaeetus leucocephalus). Movement Ecology, 2017, 5, 9.	2.8	15
45	The impact of temperature and precipitation on blacklegged tick activity and Lyme disease incidence in endemic and emerging regions. Parasites and Vectors, 2016, 9, 606.	2.5	64
46	Does biodiversity protect humans against infectious disease? Comment. Ecology, 2016, 97, 536-542.	3.2	28
47	Quantifying dilution and amplification in a community of hosts for tickâ€borne pathogens. Ecological Applications, 2016, 26, 484-498.	3.8	75
48	Long-term aspen dynamics, trophic cascades, and climate in northern Yellowstone National Park. Canadian Journal of Forest Research, 2016, 46, 548-556.	1.7	20
49	Saving the World's Terrestrial Megafauna. BioScience, 2016, 66, 807-812.	4.9	168
50	Bushmeat hunting and extinction risk to the world's mammals. Royal Society Open Science, 2016, 3, 160498.	2.4	349
51	Empty forest or empty rivers? A century of commercial hunting in Amazonia. Science Advances, 2016, 2, e1600936.	10.3	125
52	Dispersal limitation induces long-term biomass collapse in overhunted Amazonian forests. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 892-897.	7.1	277
53	Line Transect Surveys Underdetect Terrestrial Mammals: Implications for the Sustainability of Subsistence Hunting. PLoS ONE, 2016, 11, e0152659.	2.5	61
54	Environmental DNA from Residual Saliva for Efficient Noninvasive Genetic Monitoring of Brown Bears (Ursus arctos). PLoS ONE, 2016, 11, e0165259.	2.5	66

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55	Collapse of the worldâ€™s largest herbivores. Science Advances, 2015, 1, e1400103.	10.3	750
56	Threshold levels of generalist predation determine consumer response to resource pulses. Oikos, 2015, 124, 1436-1443.	2.7	10
57	Accelerated phenology of blacklegged ticks under climate warming. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130556.	4.0	68
58	Differential use of salmon by vertebrate consumers: implications for conservation. PeerJ, 2015, 3, e1157.	2.0	27
59	Life History and Demographic Drivers of Reservoir Competence for Three Tick-Borne Zoonotic Pathogens. PLoS ONE, 2014, 9, e107387.	2.5	106
60	Dispersal vacuum in the seedling recruitment of a primate-dispersed Amazonian tree. Biological Conservation, 2013, 163, 99-106.	4.1	40
61	Competition and Facilitation in the Capuchinâ€“Squirrel Monkey Relationship. Biotropica, 2013, 45, 636-643.	1.6	62
62	Reliable, verifiable and efficient monitoring of biodiversity via metabarcoding. Ecology Letters, 2013, 16, 1245-1257.	6.4	514
63	Several scales of biodiversity affect ecosystem multifunctionality. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10219-10222.	7.1	212
64	Do irrigation and predator control reduce the productivity of migratory ungulate herds?. Ecology, 2013, 94, 1264-1270.	3.2	21
65	Using Grizzly Bears to Assess Harvest-Ecosystem Tradeoffs in Salmon Fisheries. PLoS Biology, 2012, 10, e1001303.	5.6	60
66	Deer, predators, and the emergence of Lyme disease. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10942-10947.	7.1	244
67	Hunting in Ancient and Modern Amazonia: Rethinking Sustainability. American Anthropologist, 2012, 114, 652-667.	1.4	49
68	Wolvesâ€“coyotesâ€“foxes: a cascade among carnivores. Ecology, 2012, 93, 921-929.	3.2	189
69	Spatial tools for modeling the sustainability of subsistence hunting in tropical forests. , 2011, 21, 1802-1818.		72
70	Conservation in Lowâ€Governance Environments. Biotropica, 2010, 42, 569-571.	1.6	17
71	Modelling the longâ€term sustainability of indigenous hunting in Manu National Park, Peru: landscapeâ€scale management implications for Amazonia. Journal of Applied Ecology, 2009, 46, 804-814.	4.0	104
72	The Sustainability of Subsistence Hunting by Matsigenka Native Communities in Manu National Park, Peru. Conservation Biology, 2007, 21, 1174-1185.	4.7	112