

Taal Levi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8068790/publications.pdf>

Version: 2024-02-01

72
papers

5,656
citations

136950

32
h-index

88630

70
g-index

80
all docs

80
docs citations

80
times ranked

8251
citing authors

#	ARTICLE	IF	CITATIONS
1	Collapse of the world's largest herbivores. <i>Science Advances</i> , 2015, 1, e1400103.	10.3	750
2	Reliable, verifiable and efficient monitoring of biodiversity via metabarcoding. <i>Ecology Letters</i> , 2013, 16, 1245-1257.	6.4	514
3	Global forest loss disproportionately erodes biodiversity in intact landscapes. <i>Nature</i> , 2017, 547, 441-444.	27.8	370
4	Bushmeat hunting and extinction risk to the world's mammals. <i>Royal Society Open Science</i> , 2016, 3, 160498.	2.4	349
5	Dispersal limitation induces long-term biomass collapse in overhunted Amazonian forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 892-897.	7.1	277
6	Deer, predators, and the emergence of Lyme disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10942-10947.	7.1	244
7	Several scales of biodiversity affect ecosystem multifunctionality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10219-10222.	7.1	212
8	Wolves—coyotes—foxes: a cascade among carnivores. <i>Ecology</i> , 2012, 93, 921-929.	3.2	189
9	Lyme disease ecology in a changing world: consensus, uncertainty and critical gaps for improving control. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160117.	4.0	173
10	Saving the World's Terrestrial Megafauna. <i>BioScience</i> , 2016, 66, 807-812.	4.9	168
11	Extinction filters mediate the global effects of habitat fragmentation on animals. <i>Science</i> , 2019, 366, 1236-1239.	12.6	164
12	Empty forest or empty rivers? A century of commercial hunting in Amazonia. <i>Science Advances</i> , 2016, 2, e1600936.	10.3	125
13	The Sustainability of Subsistence Hunting by Matsigenka Native Communities in Manu National Park, Peru. <i>Conservation Biology</i> , 2007, 21, 1174-1185.	4.7	112
14	Life History and Demographic Drivers of Reservoir Competence for Three Tick-Borne Zoonotic Pathogens. <i>PLoS ONE</i> , 2014, 9, e107387.	2.5	106
15	Tick-borne disease risk in a forest food web. <i>Ecology</i> , 2018, 99, 1562-1573.	3.2	106
16	Human activity reduces niche partitioning among three widespread mesocarnivores. <i>Oikos</i> , 2018, 127, 890-901.	2.7	105
17	Modelling the long-term sustainability of indigenous hunting in Manu National Park, Peru: landscape-scale management implications for Amazonia. <i>Journal of Applied Ecology</i> , 2009, 46, 804-814.	4.0	104
18	The number of tree species on Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	86

#	ARTICLE	IF	CITATIONS
19	Quantifying dilution and amplification in a community of hosts for tick-borne pathogens. <i>Ecological Applications</i> , 2016, 26, 484-498.	3.8	75
20	Spatial tools for modeling the sustainability of subsistence hunting in tropical forests. , 2011, 21, 1802-1818.		72
21	Environmental DNA for the enumeration and management of Pacific salmon. <i>Molecular Ecology Resources</i> , 2019, 19, 597-608.	4.8	69
22	Accelerated phenology of blacklegged ticks under climate warming. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130556.	4.0	68
23	Environmental DNA from Residual Saliva for Efficient Noninvasive Genetic Monitoring of Brown Bears (<i>Ursus arctos</i>). <i>PLoS ONE</i> , 2016, 11, e0165259.	2.5	66
24	The impact of temperature and precipitation on blacklegged tick activity and Lyme disease incidence in endemic and emerging regions. <i>Parasites and Vectors</i> , 2016, 9, 606.	2.5	64
25	Competition and Facilitation in the Capuchin-Squirrel Monkey Relationship. <i>Biotropica</i> , 2013, 45, 636-643.	1.6	62
26	Line Transect Surveys Underdetect Terrestrial Mammals: Implications for the Sustainability of Subsistence Hunting. <i>PLoS ONE</i> , 2016, 11, e0152659.	2.5	61
27	Using Grizzly Bears to Assess Harvest-Ecosystem Tradeoffs in Salmon Fisheries. <i>PLoS Biology</i> , 2012, 10, e1001303.	5.6	60
28	A forest loss report card for the world's protected areas. <i>Nature Ecology and Evolution</i> , 2021, 5, 520-529.	7.8	60
29	Salmon-supported bears, seed dispersal, and extensive resource subsidies to granivores. <i>Ecosphere</i> , 2018, 9, e02297.	2.2	52
30	Tropical forests can maintain hyperdiversity because of enemies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 581-586.	7.1	50
31	Hunting in Ancient and Modern Amazonia: Rethinking Sustainability. <i>American Anthropologist</i> , 2012, 114, 652-667.	1.4	49
32	Dispersal vacuum in the seedling recruitment of a primate-dispersed Amazonian tree. <i>Biological Conservation</i> , 2013, 163, 99-106.	4.1	40
33	Projecting the future of an alpine ungulate under climate change scenarios. <i>Global Change Biology</i> , 2018, 24, 1136-1149.	9.5	40
34	More affordable and effective noninvasive single nucleotide polymorphism genotyping using high-throughput amplicon sequencing. <i>Molecular Ecology Resources</i> , 2020, 20, 1505-1516.	4.8	32
35	Intrapopulation diversity in isotopic niche over landscapes: Spatial patterns inform conservation of bear-salmon systems. <i>Ecosphere</i> , 2017, 8, e01843.	2.2	30
36	Does biodiversity protect humans against infectious disease? Comment. <i>Ecology</i> , 2016, 97, 536-542.	3.2	28

#	ARTICLE	IF	CITATIONS
37	The Rapid Rise of Next-Generation Natural History. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	28
38	Variable strategies to solve riskâ€“reward tradeoffs in carnivore communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	28
39	Fire history influences largeâ€“herbivore behavior at circadian, seasonal, and successional scales. <i>Ecological Applications</i> , 2018, 28, 2082-2091.	3.8	27
40	Environmental DNA facilitates accurate, inexpensive, and multiyear population estimates of millions of anadromous fish. <i>Molecular Ecology Resources</i> , 2020, 20, 457-467.	4.8	27
41	Differential use of salmon by vertebrate consumers: implications for conservation. <i>PeerJ</i> , 2015, 3, e1157.	2.0	27
42	Metabarcoding of fecal DNA shows dietary diversification in wolves substitutes for ungulates in an island archipelago. <i>Ecosphere</i> , 2021, 12, e03297.	2.2	26
43	The primacy of bears as seed dispersers in salmonâ€“bearing ecosystems. <i>Ecosphere</i> , 2018, 9, e02076.	2.2	23
44	Do irrigation and predator control reduce the productivity of migratory ungulate herds?. <i>Ecology</i> , 2013, 94, 1264-1270.	3.2	21
45	Long-term aspen dynamics, trophic cascades, and climate in northern Yellowstone National Park. <i>Canadian Journal of Forest Research</i> , 2016, 46, 548-556.	1.7	20
46	Biotic factors influencing the unexpected distribution of a Humboldt marten (<i>Martes caurina</i>) Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 382	2.5	20
47	Better boundaries: identifying the upper extent of fish distributions in forested streams using eDNA and electrofishing. <i>Ecosphere</i> , 2021, 12, e03332.	2.2	20
48	Behavioral changes and nutritional consequences to elk (<i>Cervus canadensis</i>) avoiding perceived risk from human hunters. <i>Ecosphere</i> , 2019, 10, e02864.	2.2	18
49	Community Ecology and Conservation of Bear-Salmon Ecosystems. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	18
50	Conservation in Lowâ€“Governance Environments. <i>Biotropica</i> , 2010, 42, 569-571.	1.6	17
51	Seed dispersal effectiveness by a largeâ€“bodied invasive species in defaunated landscapes. <i>Biotropica</i> , 2019, 51, 862-873.	1.6	17
52	Mesocarnivore landscape use along a gradient of urban, rural, and forest cover. <i>PeerJ</i> , 2021, 9, e11083.	2.0	17
53	Evaluating and integrating spatial captureâ€“recapture models with data of variable individual identifiability. <i>Ecological Applications</i> , 2021, 31, e02405.	3.8	16
54	To migrate, stay put, or wander? Varied movement strategies in bald eagles (<i>Haliaeetus leucocephalus</i>). <i>Movement Ecology</i> , 2017, 5, 9.	2.8	15

#	ARTICLE	IF	CITATIONS
55	Density and population viability of coastal marten: a rare and geographically isolated small carnivore. PeerJ, 2018, 6, e4530.	2.0	15
56	Invertebrates for vertebrate biodiversity monitoring: Comparisons using three insect taxa as iDNA samplers. Molecular Ecology Resources, 2022, 22, 962-977.	4.8	14
57	Comparison of mechanical sorting and DNA metabarcoding for diet analysis with fresh and degraded wolf scats. Ecosphere, 2021, 12, e03557.	2.2	13
58	Extensive aquatic subsidies lead to territorial breakdown and high density of an apex predator. Ecology, 2022, 103, e03543.	3.2	11
59	Threshold levels of generalist predation determine consumer response to resource pulses. Oikos, 2015, 124, 1436-1443.	2.7	10
60	Local Values and Data Empower Culturally Guided Ecosystem-Based Fisheries Management of the Wuikinuxv Bear-Salmon-Human System. Marine and Coastal Fisheries, 2021, 13, 362-378.	1.4	9
61	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
62	Integrating multi-method surveys and recovery trajectories into occupancy models. Ecosphere, 2021, 12, .	2.2	8
63	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
64	Diet analysis using generalized linear models derived from foraging processes using <code>R</code> package <code>mvtweedie</code> . Ecology, 2022, 103, e3637.	3.2	6
65	Experimental evaluation of genomic DNA degradation rates for the pathogen <i>Pseudogymnoascus destructans</i> (Pd) in bat guano. PeerJ, 2020, 8, e8141.	2.0	5
66	Eating plants and planting forests for the climate. Global Change Biology, 2019, 25, 3995-3995.	9.5	4
67	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
68	Predicted distribution of a rare and understudied forest carnivore: Humboldt marten (<i>Martes</i>) Tj ETQq0 0 0 rgBT, Overlock 10 Tf 50 2	2.0	4
69	Large species within carnivora are large carnivores. Royal Society Open Science, 2018, 5, 181228.	2.4	3
70	Diet of invasive wild pigs in a landscape dominated by sugar cane plantations. Journal of Mammalogy, 2021, 102, 1309-1317.	1.3	3
71	The spatial overlap of small-scale cannabis farms with aquatic and terrestrial biodiversity. Conservation Science and Practice, 2022, 4, .	2.0	2
72	Metabarcoding of fecal DNA shows dietary diversification in wolves substitutes for ungulates in an island archipelago. , 2021, 12, e03297.		1