Hillary Young

List of Publications by Year
in descending order

83 papers	6,430 citations	159525 30 h-index	69214 77 g-index
85 all docs	85 docs citations	85 times ranked	9933 citing authors

#	Article	IF	Citations
1	Defaunation in the Anthropocene. Science, 2014, 345, 401-406.	6.0	2,810
2	Bushmeat hunting and extinction risk to the world's mammals. Royal Society Open Science, 2016, 3, 160498.	1.1	349
3	Patterns, Causes, and Consequences of Anthropocene Defaunation. Annual Review of Ecology, Evolution, and Systematics, 2016, 47, 333-358.	3.8	326
4	Assessing the effects of large mobile predators on ecosystem connectivity. Ecological Applications, 2012, 22, 1711-1717.	1.8	177
5	Does biodiversity protect humans against infectious disease?. Ecology, 2014, 95, 817-832.	1.5	176
6	Saving the World's Terrestrial Megafauna. BioScience, 2016, 66, 807-812.	2.2	168
7	Introduced Species, Disease Ecology, and Biodiversityâ€“Disease Relationships. Trends in Ecology and Evolution, 2017, 32, 41-54.	4.2	135
8	Declines in large wildlife increase landscape-level prevalence of rodent-borne disease in Africa. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7036-7041.	3.3	107
9	A landscape of disgust. Science, 2018, 359, 1213-1214.	6.0	99
10	From wing to wing: the persistence of long ecological interaction chains in less-disturbed ecosystems. Scientific Reports, 2012, 2, 409.	1.6	93
11	Effects of mammalian herbivore declines on plant communities: observations and experiments in an <scp>A</scp>frican savanna. Journal of Ecology, 2013, 101, 1030-1041.	1.9	89
12	Human infectious disease burdens decrease with urbanization but not with biodiversity. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160122.	1.8	88
13	Plants cause ecosystem nutrient depletion via the interruption of bird-derived spatial subsidies. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2072-2077.	3.3	84
14	Piecewise Disassembly of a Large-Herbivore Community across a Rainfall Gradient: The UHURU Experiment. PLoS ONE, 2013, 8, e55192.	1.1	80
15	Does habitat disturbance increase infectious disease risk for primates?. Ecology Letters, 2013, 16, 656-663.	3.0	78
16	Synthesizing the effects of large, wild herbivore exclusion on ecosystem function. Functional Ecology, 2019, 33, 1597-1610.	1.7	77
17	Niche partitioning among and within sympatric tropical seabirds revealed by stable isotope analysis. Marine Ecology - Progress Series, 2010, 416, 285-294.	0.9	65
18	Reliance of mobile species on sensitive habitats: a case study of manta rays (Manta alfredi) and lagoons. Marine Biology, 2014, 161, 1987-1998.	0.7	65

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19	Effects of road proximity on heavy metal concentrations in soils and common roadside plants in Southern California. Environmental Science and Pollution Research, 2018, 25, 35257-35265.	2.7	62
20	Resource partitioning by species but not sex in sympatric boobies in the central Pacific Ocean. Marine Ecology - Progress Series, 2010, 403, 291-301.	0.9	58
21	Conservation lessons from largeâ€mammal manipulations in East African savannas: the KLEE, UHURU, and GLADE experiments. Annals of the New York Academy of Sciences, 2018, 1429, 31-49.	1.8	53
22	Acute effects of removing large fish from a near-pristine coral reef. Marine Biology, 2010, 157, 2739-2750.	0.7	50
23	Pelagic marine protected areas protect foraging habitat for multiple breeding seabirds in the central Pacific. Biological Conservation, 2015, 181, 226-235.	1.9	50
24	Evaluating the performance of methods for estimating the abundance of rapidly declining coastal shark populations. Ecological Applications, 2012, 22, 385-392.	1.8	49
25	Contextâ€dependent effects of largeâ€wildlife declines on smallâ€mammal communities in central Kenya. Ecological Applications, 2015, 25, 348-360.	1.8	47
26	Migration in the Anthropocene: how collective navigation, environmental system and taxonomy shape the vulnerability of migratory species. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170017.	1.8	40
27	Interacting effects of land use and climate on rodent-borne pathogens in central Kenya. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160116.	1.8	39
28	The roles of productivity and ecosystem size in determining food chain length in tropical terrestrial ecosystems. Ecology, 2013, 94, 692-701.	1.5	37
29	Effects of Land Use on Plague (Yersinia pestis) Activity in Rodents in Tanzania. American Journal of Tropical Medicine and Hygiene, 2015, 92, 776-783.	0.6	36
30	A mammoth undertaking: harnessing insight from functional ecology to shape deâ€extinction priority setting. Functional Ecology, 2017, 31, 1003-1011.	1.7	36
31	Lead Concentrations in Soils and Some Wild Plant Species Along Two Busy Roads in Pakistan. Bulletin of Environmental Contamination and Toxicology, 2018, 100, 250-258.	1.3	33
32	Relationships Between Cattle and Biodiversity in Multiuse Landscape Revealed by Kenya Long-Term Exclosure Experiment. Rangeland Ecology and Management, 2018, 71, 281-291.	1.1	32
33	Simultaneous identification of host, ectoparasite and pathogen <scp>DNA</scp> via inâ€solution capture. Molecular Ecology Resources, 2016, 16, 1224-1239.	2.2	31
34	Conservation at the edges of the world. Biological Conservation, 2013, 165, 139-145.	1.9	30
35	Local extinction of the Asian tiger mosquito (Aedes albopictus) following rat eradication on Palmyra Atoll. Biology Letters, 2018, 14, .	1.0	30
36	Night Shift: Expansion of Temporal Niche Use Following Reductions in Predator Density. PLoS ONE, 2012, 7, e38871.	1.1	29

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37	Drivers of Intensity and Prevalence of Flea Parasitism on Small Mammals in East African Savanna Ecosystems. Journal of Parasitology, 2015, 101, 327.	0.3	29
38	Conservation, biodiversity and infectious disease: scientific evidence and policy implications. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160124.	1.8	29
39	Plasticity of foraging behaviors in response to diverse environmental conditions. Ecosphere, 2018, 9, e02301.	1.0	28
40	The influence of vectorâ€borne disease on human history: socioâ€ecological mechanisms. Ecology Letters, 2021, 24, 829-846.	3.0	28
41	Positive and Negative Effects of a Threatened Parrotfish on Reef Ecosystems. Conservation Biology, 2014, 28, 1312-1321.	2.4	27
42	Interacting effects of wildlife loss and climate on ticks and tick-borne disease. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170475.	1.2	27
43	Invasive rat eradication strongly impacts plant recruitment on a tropical atoll. PLoS ONE, 2018, 13, e0200743.	1.1	25
44	Effects of Spatial Subsidies and Habitat Structure on the Foraging Ecology and Size of Geckos. PLoS ONE, 2012, 7, e41364.	1.1	23
45	Genome sequence, population history, and pelage genetics of the endangered African wild dog (Lycaon) Tj ETQq1 1 0.784314 rgBT /Ov	1.2	23
46	Effects of landâ€use change on community diversity and composition are highly variable among functional groups. Ecological Applications, 2019, 29, e01973.	1.8	23
47	Does biodiversity protect humans against infectious disease? Reply. Ecology, 2016, 97, 543-546.	1.5	22
48	Passive recovery of an island bird community after rodent eradication. Biological Invasions, 2016, 18, 703-715.	1.2	21
49	The coconut palm, Cocos nucifera, impacts forest composition and soil characteristics at Palmyra Atoll, Central Pacific. Journal of Vegetation Science, 2010, 21, 1058-1068.	1.1	20
50	Differential plant damage due to litterfall in palm-dominated forest stands in a Central Pacific atoll. Journal of Tropical Ecology, 2014, 30, 231-236.	0.5	20
51	High-Throughput Sequencing for Understanding the Ecology of Emerging Infectious Diseases at the Wildlife-Human Interface. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	20
52	Water sources aggregate parasites with increasing effects in more arid conditions. Nature Communications, 2021, 12, 7066.	5.8	17
53	An Observation of Mating in Free-Ranging Blacktip Reef Sharks, Carcbarbinus melanopterus. Pacific Science, 2010, 64, 349-352.	0.2	16
54	Stable isotope analysis as an early monitoring tool for communityâ€scale effects of rat eradication. Restoration Ecology, 2017, 25, 1015-1025.	1.4	15

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55	Parasite responses to large mammal loss in an African savanna. Ecology, 2017, 98, 1839-1848.	1.5	15
56	Differential responses to guano fertilization among tropical tree species with varying functional traits. American Journal of Botany, 2011, 98, 207-214.	0.8	14
57	Cascading community and ecosystem consequences of introduced coconut palms (Cocos) Tj ETQq1 1 0.784314 rgBT /Overlock	0.4	14
58	Conserving the World's Megafauna and Biodiversity: The Fierce Urgency of Now. BioScience, 0, , biw168.	2.2	14
59	Soil fungal community composition and functional similarity shift across distinct climatic conditions. FEMS Microbiology Ecology, 2020, 96, .	1.3	14
60	Large wildlife removal drives immune defence increases in rodents. Functional Ecology, 2016, 30, 799-807.	1.7	13
61	Use of high-resolution acoustic cameras to study reef shark behavioral ecology. Journal of Experimental Marine Biology and Ecology, 2016, 482, 128-133.	0.7	12
62	Consumer preference for seeds and seedlings of rare species impacts tree diversity at multiple scales. Oecologia, 2013, 172, 857-867.	0.9	11
63	Microbial Ecology of the Western Gull (Larus occidentalis). Microbial Ecology, 2019, 78, 665-676.	1.4	9
64	Effects of consumer surface sterilization on diet DNA metabarcoding data of terrestrial invertebrates in natural environments and feeding trials. Ecology and Evolution, 2021, 11, 12025-12034.	0.8	9
65	Limited trophic partitioning among sympatric delphinids off a tropical oceanic atoll. PLoS ONE, 2017, 12, e0181526.	1.1	9
66	Predatorâ€“prey interactions of terrestrial invertebrates are determined by predator body size and species identity. Ecology, 2022, 103, e3634.	1.5	9
67	The effects of herbivore aggregations at water sources on savanna plants differ across soil and climate gradients. Ecological Applications, 2021, 31, e02422.	1.8	8
68	Impacts of rodent eradication on seed predation and plant community biomass on a tropical atoll. Biotropica, 2021, 53, 232-242.	0.8	7
69	Contextâ€dependent effects of shifting large herbivore assemblages on plant structure and diversity. Journal of Ecology, 2022, 110, 1312-1327.	1.9	7
70	Proximity to encroaching coconut palm limits native forest water use and persistence on a Pacific atoll. Ecohydrology, 2015, 8, 1514-1524.	1.1	6
71	Large-herbivore nemabiomes: patterns of parasite diversity and sharing. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212702.	1.2	6
72	Small mammal responses to fire severity mediated by vegetation characteristics and species traits. Ecology and Evolution, 2022, 12, .	0.8	6

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73	Hostâ€“Parasite Associations in Small Mammal Communities in Semiarid Savanna Ecosystems of East Africa. Journal of Medical Entomology, 2016, 53, 851-860.	0.9	5
74	Chemistry of the consumption and excretion of the bumphead parrotfish (Bolbometopon muricatum), a coral reef mega-consumer. Coral Reefs, 2019, 38, 347-357.	0.9	5
75	Interactive effects of large herbivores and climate on California oak seedling outcomes. Forest Ecology and Management, 2021, 502, 119650.	1.4	4
76	Bats in the megafire: assessing speciesâ€™ site use in a postfire landscape in the Sierra Nevada. Journal of Mammalogy, 2022, 103, 111-123.	0.6	4
77	Pushing back against paper-park pushers â€“ Reply to Craigie et al.. Biological Conservation, 2014, 172, 223-224.	1.9	3
78	Conservation implications of disease control. Frontiers in Ecology and the Environment, 2020, 18, 329-334.	1.9	2
79	Effects of host extinction and vector preferences on vector-borne disease risk in phylogenetically structured host-hector communities. PLoS ONE, 2021, 16, e0256456.	1.1	2
80	Differential plant damage due to litterfall in palm-dominated forest stands in a Central Pacific atoll â€“ CORRIGENDUM. Journal of Tropical Ecology, 2015, 31, 573-573.	0.5	0
81	Sexism discussion misses the point. Science, 2015, 349, 390-391.	6.0	0
82	What explains tick proliferation following large-herbivore exclusion?. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180612.	1.2	0
83	Rangeland Ecology and Management, Volume 71, Issue 3. Rangelands, 2018, 40, 95-97.	0.9	0