N Thompson Hobbs

List of Publications by Year
in descending order

39 papers	1,789 citations	516710 16 h-index	434195 31 g-index
41 all docs	41 docs citations	41 times ranked	2612 citing authors

#	Article	IF	Citations
1	Alternatives To Statistical Hypothesis Testing In Ecology: A Guide To Self Teaching. , 2006, 16, 5-19.		236
2	SPATIAL AND TEMPORAL VARIABILITY MODIFY DENSITY DEPENDENCE IN POPULATIONS OF LARGE HERBIVORES. Ecology, 2006, 87, 95-102.	3.2	127
3	EFFECTS OF HUMAN SETTLEMENT ON BIRD COMMUNITIES IN LOWLAND RIPARIAN AREAS OF COLORADO (USA). , 2003, 13, 1041-1059.		107
4	DYNAMICS OF PRION DISEASE TRANSMISSION IN MULE DEER. , 2006, 16, 2208-2214.		106
5	Should I stay or should I go? Patch departure decisions by herbivores at multiple scales. Oikos, 2005, 111, 417-424.	2.7	96
6	Native predators reduce harvest of reindeer by SÃ¡mi pastoralists. Ecological Applications, 2012, 22, 1640-1654.	3.8	75
7	HERBIVORE FUNCTIONAL RESPONSE IN HETEROGENEOUS ENVIRONMENTS: A CONTEST AMONG MODELS. Ecology, 2003, 84, 666-681.	3.2	67
8	HUMAN LAND USE INFLUENCES CHRONIC WASTING DISEASE PREVALENCE IN MULE DEER. , 2005, 15, 119-126.		67
9	Comparative changes in density and demography of large herbivores in the Masai Mara Reserve and its surrounding human-dominated pastoral ranches in Kenya. Biodiversity and Conservation, 2012, 21, 1509-1530.	2.6	67
10	Density dependence in northern ungulates: interactions with predation and resources. Population Ecology, 2009, 51, 123-132.	1.2	57
11	Large herbivore responses to water and settlements in savannas. Ecological Monographs, 2010, 80, 241-266.	5.4	52
12	Dataâ€“model fusion to better understand emerging pathogens and improve infectious disease forecasting. , 2011, 21, 1443-1460.		49
13	Stateâ€space modeling to support management of brucellosis in the Yellowstone bison population. Ecological Monographs, 2015, 85, 525-556.	5.4	46
14	Survival and population growth of a freeâ€ranging elk population with a long history of exposure to chronic wasting disease. Journal of Wildlife Management, 2014, 78, 214-223.	1.8	40
15	Interactions among herbivory, climate, topography and plant age shape riparian willow dynamics in northern <scp>Y</scp>ellowstone <scp>N</scp>ational <scp>P</scp>ark, <scp>USA</scp>. Journal of Ecology, 2014, 102, 667-677.	4.0	39
16	Hydrologic, geomorphic and climatic processes controlling willow establishment in a montane ecosystem. Hydrological Processes, 2006, 20, 1845-1864.	2.6	33
17	Title is missing!. Climatic Change, 2002, 54, 205-223.	3.6	31
18	REVIEW: Ecological feedbacks can reduce populationâ€level efficacy of wildlife fertility control. Journal of Applied Ecology, 2014, 51, 259-269.	4.0	31

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19	The role of ungulates and large predators on plant communities and ecosystem processes in western national parks. , 2003, , 444-486.		28
20	Forecasting the Effects of Fertility Control on Overabundant Ungulates: White-Tailed Deer in the National Capital Region. PLoS ONE, 2015, 10, e0143122.	2.5	24
21	Gain functions for large herbivores: tests of alternative models. Journal of Animal Ecology, 2005, 74, 181-189.	2.8	22
22	Assessing impacts of large herbivores on shrubs: tests of scaling factors for utilization rates from shoot-level measurements. Journal of Applied Ecology, 2006, 44, 168-175.	4.0	18
23	AGE AND REPEATED BIOPSY INFLUENCE ANTEMORTEM PRP^{CWD} TESTING IN MULE DEER (ODOCOILEUS HEMIONUS) IN COLORADO, USA. Journal of Wildlife Diseases, 2015, 51, 801-810.	0.8	16
24	Research article Canopy dynamics and human caused disturbance on a semi-arid landscape in the Rocky Mountains, USA. Landscape Ecology, 2005, 20, 1-17.	4.2	15
25	Bayesian Modeling of Prion Disease Dynamics in Mule Deer Using Population Monitoring and Capture-Recapture Data. PLoS ONE, 2015, 10, e0140687.	2.5	15
26	Introducing dataâ€“model assimilation to students of ecology. , 2011, 21, 1537-1545.		14
27	Estimating abundance of an open population with an N â€mixture model using auxiliary data on animal movements. Ecological Applications, 2018, 28, 816-825.	3.8	14
28	Relationships between groundwater use, water table, and recovery of willow on Yellowstone's northern range. Ecosphere, 2011, 2, art20.	2.2	14
29	Informing management with monitoring data: the value of B ayesian forecasting. Ecosphere, 2016, 7, e01587.	2.2	11
30	Harvest models of small populations of a large carnivore using Bayesian forecasting. Ecological Applications, 2020, 30, e02063.	3.8	10
31	A reanalysis of the body mass scaling of trampling by large herbivores. Oecologia, 2005, 145, 462-464.	2.0	8
32	The distinct effects of habitat fragmentation on population size. Theoretical Ecology, 2012, 5, 73-82.	1.0	7
33	Preference in patchy landscapes: the influence of scale-specific intake rates and variance in reward. Behavioral Ecology, 2006, 17, 315-323.	2.2	6
34	Testing the functionality and contact error of a GPS-based wildlife tracking network. Wildlife Society Bulletin, 2013, 37, 855-861.	1.6	4
35	A hierarchical Bayesian approach for handling missing classification data. Ecology and Evolution, 2019, 9, 3130-3140.	1.9	4
36	The effect of climate on population growth in a coldâ€adapted ungulate at its equatorial range limit. Ecosphere, 2020, 11, e03058.	2.2	4

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37	Developing a data-transfer model for a novel Wildlife-tracking network. Wildlife Society Bulletin, 2012, 36, 820-827.	1.6	3
38	Bayesian Models for Analysis of Inventory and Monitoring Data with Non-ignorable Missingness. Journal of Agricultural, Biological, and Environmental Statistics, 2022, 27, 125-148.	1.4	2
39	Supporting adaptive management with ecological forecasting: chronic wasting disease in the Jackson Elk Herd. Ecosphere, 2021, 12, e03776.	2.2	1