Janet L Rachlow

List of Publications by Year
in descending order

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76 papers	2,233 citations	218677 26 h-index	265206 42 g-index
77 all docs	77 docs citations	77 times ranked	2541 citing authors

#	Article	IF	Citations
1	Leveraging rangeland monitoring data for wildlife: From concept to practice. Rangelands, 2022, 44, 87-98.	1.9	6
2	Food quality, security, and thermal refuge influence the use of microsites and patches by pygmy rabbits (Brachylagus idahoensis) across landscapes and seasons. Ecology and Evolution, 2022, 12, .	1.9	5
3	Habitat selection by Dallâ€™s sheep is influenced by multiple factors including direct and indirect climate effects. PLoS ONE, 2021, 16, e0248763.	2.5	5
4	Overlap Between Sagebrush Habitat Specialists Differs Among Seasons: Implications for Umbrella Species Conservation. Rangeland Ecology and Management, 2021, 78, 142-154.	2.3	7
5	Effects of body size on estimation of mammalian area requirements. Conservation Biology, 2020, 34, 1017-1028.	4.7	51
6	<scp>viewshed3d</scp>: An <scp>r</scp> package for quantifying 3D visibility using terrestrial lidar data. Methods in Ecology and Evolution, 2020, 11, 733-738.	5.2	23
7	Mapping foodscapes and sagebrush morphotypes with unmanned aerial systems for multiple herbivores. Landscape Ecology, 2020, 35, 921-936.	4.2	12
8	Evolution of ungulate mating systems: Integrating social and environmental factors. Ecology and Evolution, 2020, 10, 5160-5178.	1.9	41
9	Habitat specialists as conservation umbrellas: Do areas managed for greater sageâ€grouse also protect pygmy rabbits?. Ecosphere, 2019, 10, e02827.	2.2	20
10	Linking forest management to moose population trends: The role of the nutritional landscape. PLoS ONE, 2019, 14, e0219128.	2.5	24
11	Conservation of the worldâ€™s mammals: status, protected areas, community efforts, and hunting. Journal of Mammalogy, 2019, 100, 923-941.	1.3	38
12	Preferences of Specialist and Generalist Mammalian Herbivores for Mixtures Versus Individual Plant Secondary Metabolites. Journal of Chemical Ecology, 2019, 45, 74-85.	1.8	9
13	Habitat structure modifies microclimate: An approach for mapping fineâ€scale thermal refuge. Methods in Ecology and Evolution, 2018, 9, 1648-1657.	5.2	42
14	Unmanned aerial systems measure structural habitat features for wildlife across multiple scales. Methods in Ecology and Evolution, 2018, 9, 594-604.	5.2	29
15	Interacting effects of ambient temperature and food quality on the foraging ecology of small mammalian herbivores. Journal of Thermal Biology, 2018, 71, 83-90.	2.5	15
16	Seasonal temperature acclimatization in a semi-fossorial mammal and the role of burrows as thermal refuges. PeerJ, 2018, 6, e4511.	2.0	22
17	Seasonal variation in behavioral thermoregulation and predator avoidance in a small mammal. Behavioral Ecology, 2017, 28, 1236-1247.	2.2	28
18	Habitat selection differs across hierarchical behaviors: selection of patches and intensity of patch use. Ecosphere, 2017, 8, e01993.	2.2	22

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19	Evaluation of micro-GPS receivers for tracking small-bodied mammals. PLoS ONE, 2017, 12, e0173185.	2.5	20
20	Genetic monitoring of an endangered species recovery: demographic and genetic trends for reintroduced pygmy rabbits (Brachylagus idahoensis). Journal of Mammalogy, 2017, 98, 350-364.	1.3	19
21	Understanding tradeoffs between food and predation risks in a specialist mammalian herbivore. Wildlife Biology, 2016, 22, 167-173.	1.4	9
22	Occupancy and abundance of predator and prey: implications of the fireâ€cheatgrass cycle in sagebrush ecosystems. Ecosphere, 2016, 7, e01307.	2.2	20
23	Reproduction by Black-Tailed Prairie Dogs and Black-Footed Ferrets: Effects of Weather and Food Availability. Western North American Naturalist, 2016, 76, 405-416.	0.4	18
24	Transition of Vegetation States Positively Affects Harvester Ants in the Great Basin, United States. Rangeland Ecology and Management, 2016, 69, 449-456.	2.3	9
25	Selection of food patches by sympatric herbivores in response to concealment and distance from a refuge. Ecology and Evolution, 2016, 6, 2865-2876.	1.9	20
26	Cumulative effects of an herbivorous ecosystem engineer in a heterogeneous landscape. Ecosphere, 2016, 7, e01334.	2.2	26
27	Spatial interactions between sympatric carnivores: asymmetric avoidance of an intraguild predator. Ecology and Evolution, 2015, 5, 2762-2773.	1.9	32
28	Comparing telemetry and fecal dna sampling methods to quantify survival and dispersal of juvenile pygmy rabbits. Wildlife Society Bulletin, 2015, 39, 413-421.	1.6	6
29	Modeling tradeâ€offs between plant fiber and toxins: a framework for quantifying risks perceived by foraging herbivores. Ecology, 2015, 96, 3292-3302.	3.2	15
30	Fearscapes: Mapping Functional Properties of Cover for Prey with Terrestrial LiDAR. BioScience, 2015, 65, 74-80.	4.9	39
31	Forest heterogeneity influences habitat selection by fishers (Pekania pennanti) within home ranges. Forest Ecology and Management, 2015, 347, 49-56.	3.2	17
32	Sampling animal sign in heterogeneous environments: How much is enough?. Journal of Arid Environments, 2015, 119, 51-55.	2.4	4
33	The Brownian bridge synoptic model of habitat selection and space use for animals using GPS telemetry data. Ecological Modelling, 2014, 273, 242-250.	2.5	13
34	Both forest composition and configuration influence landscape-scale habitat selection by fishers (Pekania pennanti) in mixed coniferous forests of the Northern Rocky Mountains. Forest Ecology and Management, 2014, 314, 75-84.	3.2	27
35	Plant protein and secondary metabolites influence diet selection in a mammalian specialist herbivore. Journal of Mammalogy, 2014, 95, 834-842.	1.3	47
36	Subâ€lethal effects of capture and collaring on wildlife: Experimental and field evidence. Wildlife Society Bulletin, 2014, 38, 458-465.	1.6	12

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37	Grazing in sagebrush rangelands in western North America: implications for habitat quality for a sagebrush specialist, the pygmy rabbit. Rangeland Journal, 2014, 36, 151.	0.9	8
38	Genetic Evidence Confirms the Presence of Pygmy Rabbits in Colorado. Journal of Fish and Wildlife Management, 2014, 5, 118-123.	0.9	0
39	Evaluating DNA degradation rates in faecal pellets of the endangered pygmy rabbit. Molecular Ecology Resources, 2013, 13, 654-662.	4.8	37
40	Uncertainty in Population Estimates for Endangered Animals and Improving the Recovery Process. Animals, 2013, 3, 745-753.	2.3	5
41	Managing High-Elevation Sagebrush Steppe: Do Conifer Encroachment and Prescribed Fire Affect Habitat for Pygmy Rabbits?. Rangeland Ecology and Management, 2013, 66, 462-471.	2.3	9
42	Influence of topography and canopy cover on argos satellite telemetry performance. Wildlife Society Bulletin, 2012, 36, 813-819.	1.6	10
43	Conflation of Values and Science: Response to Noss et al.. Conservation Biology, 2012, 26, 943-944.	4.7	10
44	When to Run and When to Hide: The Influence of Concealment, Visibility, and Proximity to Refugia on Perceptions of Risk. Ethology, 2012, 118, 1010-1017.	1.1	70
45	Mapping vegetation communities across home ranges of mountain goats in the <scp>N</scp>orth <scp>C</scp>ascades for conservation and management. Applied Vegetation Science, 2012, 15, 560-570.	1.9	5
46	Activity Patterns of Black Bears in Relation to Sex, Season, and Daily Movement Rates. Western North American Naturalist, 2011, 71, 388-395.	0.4	51
47	First Record of Multiple Paternity in the Pygmy Rabbit (Brachylagus idahoensis): Evidence from Analysis of 16 Microsatellite Loci. Western North American Naturalist, 2011, 71, 271-275.	0.4	2
48	Identifying habitat characteristics to predict highway crossing areas for black bears within a human-modified landscape. Landscape and Urban Planning, 2011, 101, 99-107.	7.5	114
49	Rapid species identification of pygmy rabbits (Brachylagus idahoensis) from faecal pellet DNA. Molecular Ecology Resources, 2011, 11, 808-812.	4.8	18
50	Refocusing the Debate about Advocacy. Conservation Biology, 2011, 25, 1-3.	4.7	20
51	Development of an index of abundance for pygmy rabbit populations. Journal of Wildlife Management, 2011, 75, 929-937.	1.8	15
52	Vocalizations by Alaskan moose: female incitation of male aggression. Behavioral Ecology and Sociobiology, 2011, 65, 2251-2260.	1.4	16
53	Survival of Juvenile Pygmy Rabbits. Journal of Wildlife Management, 2010, 74, 43-47.	1.8	20
54	Dispersal, gene flow, and population genetic structure in the pygmy rabbit (Brachylagus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td	1.3	33

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55	Natal Dispersal By Pygmy Rabbits (Brachylagus idahoensis). Journal of Mammalogy, 2009, 90, 363-372.	1.3	44
56	A Comparison of Two Modeling Approaches for Evaluating Wildlifeâ€Habitat Relationships. Journal of Wildlife Management, 2009, 73, 294-302.	1.8	43
57	Survey Indicators for Pygmy Rabbits: Temporal Trends of Burrow Systems and Pellets. Western North American Naturalist, 2009, 69, 426-436.	0.4	22
58	Sex-Specific Responses of North American Elk to Habitat Manipulation. Journal of Mammalogy, 2009, 90, 423-432.	1.3	40
59	PERMANENT GENETIC RESOURCES: Ten polymorphic microsatellite markers for the pygmy rabbit (Brachylagus idahoensis). Molecular Ecology Resources, 2008, 8, 360-362.	4.8	11
60	Spatioâ€Temporal Factors Shaping Diurnal Space Use by Pygmy Rabbits. Journal of Wildlife Management, 2008, 72, 1304-1310.	1.8	35
61	Effects of Season and Scale on Response of Elk and Mule Deer to Habitat Manipulation. Journal of Wildlife Management, 2008, 72, 1133-1142.	1.8	48
62	A synoptic model of animal space use: Simultaneous estimation of home range, habitat selection, and inter/intra-specific relationships. Ecological Modelling, 2008, 214, 338-348.	2.5	55
63	The Science-Policy Interface: What Is an Appropriate Role for Professional Societies. BioScience, 2008, 58, 865-869.	4.9	27
64	Fuels Reduction in a Western Coniferous Forest: Effects on Quantity and Quality of Forage for Elk. Rangeland Ecology and Management, 2008, 61, 302-313.	2.3	31
65	Reintroduction and Genetic Structure: Rocky Mountain Elk in Yellowstone and the Western States. Journal of Mammalogy, 2007, 88, 129-138.	1.3	46
66	EVALUATION OF RADIO-TRANSMITTERS ON JUVENILE RABBITS: APPLICATION TO THE SEMIFOSSORIAL PYGMY RABBIT (BRACHYLAGUS IDAHOENSIS). Western North American Naturalist, 2007, 67, 133-136.	0.4	14
67	Effects of habitat on GPS collar performance: using data screening to reduce location error. Journal of Applied Ecology, 2007, 44, 663-671.	4.0	264
68	PRIORITIZING HABITAT FOR SURVEYS OF AN UNCOMMON MAMMAL: A MODELING APPROACH APPLIED TO PYGMY RABBITS. Journal of Mammalogy, 2006, 87, 827-833.	1.3	21
69	Patterns of Genetic Diversity and Its Loss in Mammalian Populations. Conservation Biology, 2005, 19, 1215-1221.	4.7	111
70	Genetic diversity and population divergence in fragmented habitats: Conservation of Idaho ground squirrels. Conservation Genetics, 2005, 6, 759-774.	1.5	31
71	ABNORMAL ANTLERS AND PEDICLES ON ROCKY MOUNTAIN ELK IN NORTHERN ARIZONA. Southwestern Naturalist, 2003, 48, 147-153.	0.1	7
72	Territoriality and spatial patterns of white rhinoceros in Matobo National Park, Zimbabwe. African Journal of Ecology, 1999, 37, 295-304.	0.9	22

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73	Reproduction and population density: trade-offs for the conservation of rhinos in situ. Animal Conservation, 1998, 1, 101-106.	2.9	24
74	Habitat selection by Dall's sheep (Ovis dalli): maternal trade-offs. Journal of Zoology, 1998, 245, 457-465.	1.7	115
75	Conservation Implications of Patterns of Horn Regeneration in Dehorned White Rhinos. Implicaciones Conservacionsitas de los Patrones de Regeneracion de Cuernos en Rinocerontes Descornados. Conservation Biology, 1997, 11, 84-91.	4.7	25
76	Nearâ€infrared spectroscopy aids ecological restoration by classifying variation of taxonomy and phenology of a native shrub. Restoration Ecology, 0, , e13584.	2.9	2