Peter Leimgruber

List of Publications by Year
in descending order

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97 papers	5,582 citations	101384 36 h-index	88477 70 g-index
101 all docs	101 docs citations	101 times ranked	6842 citing authors

#	Article	IF	Citations
1	Rural and urban views on elephants, conservation and poaching. Oryx, 2022, 56, 609-616.	0.5	3
2	Increasing Anthropogenic Disturbance Restricts Wildebeest Movement Across East African Grazing Systems. Frontiers in Ecology and Evolution, 2022, 10, .	1.1	7
3	Inside out: heart rate monitoring to advance the welfare and conservation of maned wolves (Chrysocyon brachyurus). , 2021, 9, coab044.		3
4	Human-modified landscapes alter home range and movement patterns of capybaras. Journal of Mammalogy, 2021, 102, 319-332.	0.6	8
5	Human movement influenced by perceived risk of wildlife encounters at fine scales: Evidence from central India. Biological Conservation, 2021, 254, 108945.	1.9	1
6	Moving through the mosaic: identifying critical linkage zones for large herbivores across a multipleâ€use African landscape. Landscape Ecology, 2021, 36, 1325-1340.	1.9	13
7	Conservation: Where can elephants roam inÂtheÂAnthropocene?. Current Biology, 2021, 31, R714-R716.	1.8	2
8	A quantitative assessment of the indirect impacts of human-elephant conflict. PLoS ONE, 2021, 16, e0253784.	1.1	13
9	Population structure and demography of Myanmarâ€™s conflict elephants. Global Ecology and Conservation, 2021, 31, e01828.	1.0	3
10	Detectability of the Critically Endangered Araucaria angustifolia Tree Using Worldview-2 Images, Google Earth Engine and UAV-LiDAR. Land, 2021, 10, 1316.	1.2	2
11	Integrating Pixels, People, and Political Economy to Understand the Role of Armed Conflict and Geopolitics in Driving Deforestation: The Case of Myanmar. Remote Sensing, 2021, 13, 4589.	1.8	8
12	A Multi Sensor Approach to Forest Type Mapping for Advancing Monitoring of Sustainable Development Goals (SDG) in Myanmar. Remote Sensing, 2020, 12, 3220.	1.8	19
13	Habitat selection in natural and human-modified landscapes by capybaras (Hydrochoerus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.1	14
14	Effects of body size on estimation of mammalian area requirements. Conservation Biology, 2020, 34, 1017-1028.	2.4	51
15	Short-term effects of GPS collars on the activity, behavior, and adrenal response of scimitar-horned oryx (Oryx dammah). PLoS ONE, 2020, 15, e0221843.	1.1	8
16	Spatiotemporal dynamics of wild herbivore species richness and occupancy across a savannah rangeland: Implications for conservation. Biological Conservation, 2020, 242, 108436.	1.9	20
17	Two sides of the same coin â€“ Wildmeat consumption and illegal wildlife trade at the crossroads of Asia. Biological Conservation, 2019, 238, 108197.	1.9	31
18	Environmental Differences between Migratory and Resident Ungulatesâ€”Predicting Movement Strategies in Rocky Mountain Mule Deer (Odocoileus hemionus) with Remotely Sensed Plant Phenology, Snow, and Land Cover. Remote Sensing, 2019, 11, 1980.	1.8	5

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19	Updated geographic range maps for giraffe, Giraffa spp., throughout subâ€Saharan Africa, and implications of changing distributions for conservation. Mammal Review, 2019, 49, 285-299.	2.2	27
20	Sustainability Agenda for the Pantanal Wetland: Perspectives on a Collaborative Interface for Science, Policy, and Decision-Making. Tropical Conservation Science, 2019, 12, 194008291987263.	0.6	88
21	Demographic Tipping Points as Early Indicators of Vulnerability for Slow-Breeding Megafaunal Populations. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	17
22	Perception of Humanâ€“Elephant Conflict and Conservation Attitudes of Affected Communities in Myanmar. Tropical Conservation Science, 2019, 12, 194008291983124.	0.6	38
23	Challenges in the conservation of wideâ€ranging nomadic species. Journal of Applied Ecology, 2019, 56, 1916-1926.	1.9	39
24	Railway underpass location affects migration distance in Tibetan antelope (Pantholops hodgsonii). PLoS ONE, 2019, 14, e0211798.	1.1	10
25	Increasing conservation translocation success by building social functionality in released populations. Global Ecology and Conservation, 2019, 18, e00604.	1.0	35
26	Management Background and Release Conditions Structure Post-release Movements in Reintroduced Ungulates. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	26
27	Variability in nomadism: environmental gradients modulate the movement behaviors of dryland ungulates. Ecosphere, 2019, 10, e02924.	1.0	17
28	Correcting for missing and irregular data in homeâ€range estimation. Ecological Applications, 2018, 28, 1003-1010.	1.8	55
29	Effects of illegal grazing and invasive Lantana camara on Asian elephant habitat use. Biological Conservation, 2018, 220, 50-59.	1.9	12
30	Moving in the Anthropocene: Global reductions in terrestrial mammalian movements. Science, 2018, 359, 466-469.	6.0	783
31	Why did the elephant cross the road? The complex response of wild elephants to a major road in Peninsular Malaysia. Biological Conservation, 2018, 218, 91-98.	1.9	55
32	Disentangling social interactions and environmental drivers in multi-individual wildlife tracking data. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170007.	1.8	35
33	Resource selection in an apex predator and variation in response to local landscape characteristics. Biological Conservation, 2018, 228, 233-240.	1.9	46
34	New elephant crisis in Asiaâ€”Early warning signs from Myanmar. PLoS ONE, 2018, 13, e0194113.	1.1	35
35	Conservation status of Asian elephants: the influence of habitat and governance. Biodiversity and Conservation, 2017, 26, 2067-2081.	1.2	40
36	On the brink of extinctionâ€”Habitat selection of addax and dorcas gazelle across the Tin Toumma desert, Niger. Diversity and Distributions, 2017, 23, 581-591.	1.9	19

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37	Periodic continuousâ€time movement models uncover behavioral changes of wild canids along anthropization gradients. Ecological Monographs, 2017, 87, 442-456.	2.4	23
38	The relationship between climate and adult body size in redback salamanders (<scp><i>Plethodon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	5
39	Losing a jewelâ€"Rapid declines in Myanmarâ€™s intact forests from 2002-2014. PLoS ONE, 2017, 12, e0176364.	1.1	90
40	Estimating where and how animals travel: an optimal framework for path reconstruction from autocorrelated tracking data. Ecology, 2016, 97, 576-582.	1.5	60
41	Mapping Distinct Forest Types Improves Overall Forest Identification Based on Multi-Spectral Landsat Imagery for Myanmarâ€™s Tanintharyi Region. Remote Sensing, 2016, 8, 882.	1.8	45
42	Using Remote Sensing and Random Forest to Assess the Conservation Status of Critical Cerrado Habitats in Mato Grosso do Sul, Brazil. Land, 2016, 5, 12.	1.2	33
43	Assessment of Mining Extent and Expansion in Myanmar Based on Freely-Available Satellite Imagery. Remote Sensing, 2016, 8, 912.	1.8	48
44	Human activities negatively impact distribution of ungulates in the Mongolian Gobi. Biological Conservation, 2016, 203, 168-175.	1.9	30
45	Spatiotemporal habitat dynamics of ungulates in unpredictable environments: The khulan (Equus) Tj ETQq1 1 0.784314 rgBT /Overlo	1.9	21
46	Drivers of Change in Myanmarâ€™s Wild Elephant Distribution. Tropical Conservation Science, 2016, 9, 194008291667374.	0.6	14
47	Space Use and Movement of a Neotropical Top Predator: The Endangered Jaguar. PLoS ONE, 2016, 11, e0168176.	1.1	103
48	Water Use Patterns of Sympatric Przewalskiâ€™s Horse and Khulan: Interspecific Comparison Reveals Niche Differences. PLoS ONE, 2015, 10, e0132094.	1.1	27
49	Free and open-access satellite data are key to biodiversity conservation. Biological Conservation, 2015, 182, 173-176.	1.9	305
50	Rigorous home range estimation with movement data: a new autocorrelated kernel density estimator. Ecology, 2015, 96, 1182-1188.	1.5	279
51	How far to go? Determinants of migration distance in land mammals. Ecology Letters, 2015, 18, 545-552.	3.0	81
52	Ten ways remote sensing can contribute to conservation. Conservation Biology, 2015, 29, 350-359.	2.4	180
53	Human Land-Use Practices Lead to Global Long-Term Increases in Photosynthetic Capacity. Remote Sensing, 2014, 6, 5717-5731.	1.8	65
54	From Fine-Scale Foraging to Home Ranges: A Semivariance Approach to Identifying Movement Modes across Spatiotemporal Scales. American Naturalist, 2014, 183, E154-E167.	1.0	176

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55	Survival probabilities of adult Mongolian gazelles. Journal of Wildlife Management, 2014, 78, 35-41.	0.7	15
56	Nonâ€Markovian maximum likelihood estimation of autocorrelated movement processes. Methods in Ecology and Evolution, 2014, 5, 462-472.	2.2	63
57	Vertical habitat segregation as a mechanism for coexistence in sympatric rodents. Mammalian Biology, 2014, 79, 313-317.	0.8	5
58	Local People's Attitudes and Perceptions of Dholes (Cuon Alpinus) around Protected Areas in Southeastern Thailand. Tropical Conservation Science, 2014, 7, 765-780.	0.6	9
59	Mapping Threatened Dry Deciduous Dipterocarp Forest in South-East Asia for Conservation Management. Tropical Conservation Science, 2014, 7, 597-613.	0.6	39
60	Conserving the World's Finest Grassland Amidst Ambitious National Development. Conservation Biology, 2014, 28, 1736-1739.	2.4	54
61	Integrating movement ecology with biodiversity research - exploring new avenues to address spatiotemporal biodiversity dynamics. Movement Ecology, 2013, 1, 6.	1.3	169
62	A Preliminary Study on the Impact of Changing Shifting Cultivation Practices on Dry Season Forage for Asian Elephants in Sri Lanka. Tropical Conservation Science, 2013, 6, 770-780.	0.6	12
63	Threshold Responses of Forest Birds to Landscape Changes around Exurban Development. PLoS ONE, 2013, 8, e67593.	1.1	38
64	Design and development of power optimized satellite elephant collar with over the air programmability. , 2012, , .		1
65	Problem-Elephant Translocation: Translocating the Problem and the Elephant?. PLoS ONE, 2012, 7, e50917.	1.1	74
66	Mapping the distribution of dholes, Cuon alpinus (Canidae, Carnivora), in Thailand. Mammalia, 2012, 76, .	0.3	24
67	Do Ranger Stations Deter Poaching Activity in National Parks in Thailand?. Biotropica, 2012, 44, 826-833.	0.8	51
68	Occurrence of Three Felids across a Network of Protected Areas in Thailand: Prey, Intraguild, and Habitat Associations. Biotropica, 2012, 44, 810-817.	0.8	40
69	Using Relative Abundance Indices from Camera-Trapping to Test Wildlife Conservation Hypotheses â€“ An Example from Khao Yai National Park, Thailand. Tropical Conservation Science, 2011, 4, 113-131.	0.6	98
70	How landscape dynamics link individual- to population-level movement patterns: a multispecies comparison of ungulate relocation data. Global Ecology and Biogeography, 2011, 20, 683-694.	2.7	152
71	Influence of exurban development on bird species richness and diversity. Journal of Ornithology, 2011, 152, 461-471.	0.5	38
72	Death by a thousand huts? Effects of household presence on density and distribution of Mongolian gazelles. Conservation Letters, 2011, 4, 304-312.	2.8	31

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73	Strength of Habitat and Landscape Metrics in Predicting Goldenâ€Headed Lion Tamarin Presence or Absence in Forest Patches in Southern Bahia, Brazil. Biotropica, 2010, 42, 388-397.	0.8	25
74	Setting Priorities for Tiger Conservation. , 2010, , 143-161.		43
75	Roads to Recovery or Catastrophic Loss. , 2010, , 493-506.		8
76	A mega-herd of more than 200,000 Mongolian gazelles Procapra gutturosa: a consequence of habitat quality. Oryx, 2009, 43, 149.	0.5	40
77	Spatial and temporal deforestation dynamics in protected and unprotected dry forests: a case study from Myanmar (Burma). Biodiversity and Conservation, 2009, 18, 1001-1018.	1.2	51
78	Spatial distribution, connectivity, and the influence of scale: habitat availability for the endangered Mona Island rock iguana. Biodiversity and Conservation, 2009, 18, 905-917.	1.2	22
79	Working with mahouts to explore the diet of work elephants in Myanmar (Burma). Ecological Research, 2008, 23, 1057-1064.	0.7	40
80	Modeling population viability of captive elephants in Myanmar (Burma): implications for wild populations. Animal Conservation, 2008, 11, 198-205.	1.5	58
81	In search of forage: predicting dynamic habitats of Mongolian gazelles using satelliteâ€based estimates of vegetation productivity. Journal of Applied Ecology, 2008, 45, 649-658.	1.9	167
82	BEHAVIOR RATHER THAN DIET MEDIATES SEASONAL DIFFERENCES IN SEED DISPERSAL BY ASIAN ELEPHANTS. Ecology, 2008, 89, 2684-2691.	1.5	85
83	Land cover in the Northern Forest Complex of Myanmar: new insights for conservation. Oryx, 2007, 41, 27-37.	0.5	33
84	The Fate of Wild Tigers. BioScience, 2007, 57, 508-514.	2.2	256
85	Behavioral Response of Satellite-collared Elephants to the Tsunami in Southern Sri Lanka. Biotropica, 2006, 38, 775-777.	0.8	8
86	Community attitudes toward three protected areas in Upper Myanmar (Burma). Environmental Conservation, 2006, 33, 344-352.	0.7	126
87	Modeling Movement of West Nile Virus in the Western Hemisphere. Vector-Borne and Zoonotic Diseases, 2006, 6, 128-139.	0.6	47
88	Priority contribution. The rediscovery of Gurney's Pitta Pitta gurneyi in Myanmar and an estimate of its population size based on remaining forest cover. Bird Conservation International, 2005, 15, 3-26.	0.7	18
89	The Impact of Landsat Satellite Monitoring on Conservation Biology. Environmental Monitoring and Assessment, 2005, 106, 81-101.	1.3	50
90	Percentage canopy cover â€“ using Landsat imagery to delineate habitat for Myanmar's endangered Eld's deer (Cervus eldi). Animal Conservation, 2005, 8, 289-296.	1.5	33

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91	Forest cover change patterns in Myanmar (Burma) 1990â€“2000. Environmental Conservation, 2005, 32, 356-364.	0.7	138
92	The environmental history of Chatthin Wildlife Sanctuary, a protected area in Myanmar (Burma). Journal of Environmental Management, 2004, 72, 205-216.	3.8	28
93	Spatial patterns in relative primary productivity and gazelle migration in the Eastern Steppes of Mongolia. Biological Conservation, 2001, 102, 205-212.	1.9	57
94	Winter habitat and distribution of the endangered golden-cheeked warbler (Dendroica chrysoparia). Animal Conservation, 2000, 3, 45-59.	1.5	17
95	Range collapse of a tropical cervid (Cervus eldi) and the extent of remaining habitat in central Myanmar. Animal Conservation, 1999, 2, 173-183.	1.5	39
96	Predation on Artificial Nests in Large Forest Blocks. Journal of Wildlife Management, 1994, 58, 254.	0.7	102
97	Corrigendum to: Human-modified landscapes alter home range and movement patterns of capybaras. Journal of Mammalogy, 0, , .	0.6	0