

Chris S Sutherland

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,458
citations

394286

19
h-index

395590

33
g-index

73
all docs

73
docs citations

73
times ranked

1434
citing authors

#	ARTICLE	IF	CITATIONS
1	Unifying population and landscape ecology with spatial capture-recapture. <i>Ecography</i> , 2018, 41, 444-456.	2.1	109
2	Modelling non-Euclidean movement and landscape connectivity in highly structured ecological networks. <i>Methods in Ecology and Evolution</i> , 2015, 6, 169-177.	2.2	104
3	Spatial capture-recapture models allowing Markovian transience or dispersal. <i>Population Ecology</i> , 2016, 58, 53-62.	0.7	82
4	Fishing for mammals: Landscape-level monitoring of terrestrial and semi-aquatic communities using eDNA from riverine systems. <i>Journal of Applied Ecology</i> , 2020, 57, 707-716.	1.9	79
5	A demographic, spatially explicit patch occupancy model of metapopulation dynamics and persistence. <i>Ecology</i> , 2014, 95, 3149-3160.	1.5	72
6	Estimating population density and connectivity of American mink using spatial capture-recapture. <i>Ecological Applications</i> , 2016, 26, 1125-1135.	1.8	60
7	oSCR: a spatial capture-recapture R package for inference about spatial ecological processes. <i>Ecography</i> , 2019, 42, 1459-1469.	2.1	57
8	The enemy of my enemy is my friend: native pine marten recovery reverses the decline of the red squirrel by suppressing grey squirrel populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172603.	1.2	49
9	Multi-scale processes in metapopulations: contributions of stage structure, rescue effect, and correlated extinctions. <i>Ecology</i> , 2012, 93, 2465-2473.	1.5	40
10	Spatial Capture-Recapture: A Promising Method for Analyzing Data Collected Using Artificial Cover Objects. <i>Herpetologica</i> , 2016, 72, 6.	0.2	37
11	SNAPSHOT USA 2019: a coordinated national camera trap survey of the United States. <i>Ecology</i> , 2021, 102, e03353.	1.5	36
12	Model-based estimators of density and connectivity to inform conservation of spatially structured populations. <i>Ecosphere</i> , 2017, 8, e01623.	1.0	34
13	A multiregion community model for inference about geographic variation in species richness. <i>Methods in Ecology and Evolution</i> , 2016, 7, 783-791.	2.2	33
14	Estimating density of secretive terrestrial birds (Siamese Fireback) in pristine and degraded forest using camera traps and distance sampling. <i>Global Ecology and Conservation</i> , 2015, 3, 596-606.	1.0	32
15	Likelihood analysis of spatial capture-recapture models for stratified or class structured populations. <i>Ecosphere</i> , 2015, 6, art22.	1.0	32
16	Data integration for inference about spatial processes: A model-based approach to test and account for data inconsistency. <i>PLoS ONE</i> , 2017, 12, e0185588.	1.1	32
17	Using Spatial Capture-Recapture to Elucidate Population Processes and Space-Use in Herpetological Studies. <i>Journal of Herpetology</i> , 2016, 50, 570-581.	0.2	28
18	A local evaluation of the individual state-space to scale up Bayesian spatial capture-recapture. <i>Ecology and Evolution</i> , 2019, 9, 352-363.	0.8	27

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19	Application of the Random Encounter Model in citizen science projects to monitor animal densities. <i>Remote Sensing in Ecology and Conservation</i> , 2020, 6, 514-528.	2.2	25
20	Patterns of scat deposition by brown hyaenas <i>Hyaena brunnea</i> in a mountain savannah region of South Africa. <i>Wildlife Biology</i> , 2010, 16, 445-451.	0.6	22
21	Large-scale variation in density of an aquatic ecosystem indicator species. <i>Scientific Reports</i> , 2018, 8, 8958.	1.6	22
22	Accounting for false positive detection error induced by transient individuals. <i>Wildlife Research</i> , 2013, 40, 490.	0.7	21
23	Quantifying spatial variation in the size and structure of ecologically stratified communities. <i>Methods in Ecology and Evolution</i> , 2017, 8, 976-984.	2.2	21
24	Optimal sampling design for spatial capture-recapture. <i>Ecology</i> , 2021, 102, e03262.	1.5	21
25	Estimating occupancy probability of moose using hunter survey data. <i>Journal of Wildlife Management</i> , 2017, 81, 521-534.	0.7	20
26	A standardized assessment of forest mammal communities reveals consistent functional composition and vulnerability across the tropics. <i>Ecography</i> , 2020, 43, 75-84.	2.1	19
27	Reserve design to optimize functional connectivity and animal density. <i>Conservation Biology</i> , 2019, 33, 1023-1034.	2.4	18
28	A framework for transparent quantification of urban landscape gradients. <i>Landscape Ecology</i> , 2019, 34, 1219-1229.	1.9	17
29	Effectiveness of Panama as an intercontinental land bridge for large mammals. <i>Conservation Biology</i> , 2020, 34, 207-219.	2.4	16
30	Sex-specific population dynamics and demography of capercaillie (<i>Tetrao urogallus</i> L.) in a patchy environment. <i>Population Ecology</i> , 2020, 62, 80-90.	0.7	16
31	Abiotic stress and biotic factors mediate range dynamics on opposing edges. <i>Journal of Biogeography</i> , 2021, 48, 1758-1772.	1.4	16
32	Occupancy of Potential Overwintering Habitat on Protected Lands by Two Imperiled Snake Species in the Coastal Plain of the Southeastern United States. <i>Journal of Herpetology</i> , 2017, 51, 73-88.	0.2	14
33	Trends in cheetah <i>Acinonyx jubatus</i> density in north-central Namibia. <i>Population Ecology</i> , 2020, 62, 233-243.	0.7	14
34	Mesocarnivore community structuring in the presence of Africa's apex predator. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202379.	1.2	13
35	The value of considering demographic contributions to connectivity: a review. <i>Ecography</i> , 2022, 2022, .	2.1	13
36	Broad aggressive interactions among African carnivores suggest intraguild killing is driven by more than competition. <i>Ecology</i> , 2022, 103, e03600.	1.5	13

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37	One Size Does Not Fit All: Relationships between Size of Family Forest Holdings and Owner Attitudes and Behaviors. <i>Journal of Forestry</i> , 2021, 119, 28-44.	0.5	12
38	Spatial capture–recapture analysis of artificial cover board survey data reveals small scale spatial variation in slow-worm <i>Anguis fragilis</i> density. <i>Royal Society Open Science</i> , 2017, 4, 170374.	1.1	11
39	American lobsters, <i>Homarus americanus</i> , use vision for initial opponent evaluation and subsequent memory. <i>Bulletin of Marine Science</i> , 2018, 94, 517-532.	0.4	11
40	Responses of carnivore assemblages to decentralized conservation approaches in a South African landscape. <i>Journal of Applied Ecology</i> , 2021, 58, 92-103.	1.9	11
41	Rhesus macaques compensate for reproductive delay following ecological adversity early in life. <i>Ecology and Evolution</i> , 2022, 12, e8456.	0.8	11
42	Potential influence of high-elevation wind farms on carnivore mobility. <i>Journal of Wildlife Management</i> , 2017, 81, 1505-1512.	0.7	10
43	An empirical demonstration of the effect of study design on density estimations. <i>Scientific Reports</i> , 2021, 11, 13104.	1.6	10
44	Experimental evaluation of spatial capture–recapture study design. <i>Ecological Applications</i> , 2021, 31, e02419.	1.8	9
45	Seasonal use of waterholes and pathways by macrofauna in the dry forest of Costa Rica. <i>Journal of Tropical Ecology</i> , 2019, 35, 68-73.	0.5	8
46	Socioeconomic drivers of urban pest prevalence. <i>People and Nature</i> , 2020, 2, 776-783.	1.7	8
47	Unexpected spatial population ecology of a widespread terrestrial salamander near its southern range edge. <i>Royal Society Open Science</i> , 2019, 6, 182192.	1.1	7
48	Fast, flexible alternatives to regular grid designs for spatial capture–recapture. <i>Methods in Ecology and Evolution</i> , 2021, 12, 298-310.	2.2	7
49	Improved inferences about landscape connectivity from spatial capture–recapture by integration of a movement model. <i>Ecology</i> , 2022, 103, e03544.	1.5	7
50	Landscape connectivity and population density of snow leopards across a multi-use landscape in Western Himalaya. <i>Animal Conservation</i> , 2022, 25, 414-426.	1.5	7
51	Forecasting species distributions: Correlation does not equal causation. <i>Diversity and Distributions</i> , 2022, 28, 756-769.	1.9	7
52	Visual Head Counts: A Promising Method for Efficient Monitoring of Diamondback Terrapins. <i>Diversity</i> , 2019, 11, 101.	0.7	6
53	High connectivity despite high fragmentation: iterated dispersal in a vertebrate metapopulation. , 2012, , 405-412.		6
54	A latent process model approach to improve the utility of indicator species. <i>Oikos</i> , 2020, 129, 1753-1762.	1.2	5

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55	Defining dual-axis landscape gradients of human influence for studying ecological processes. PLoS ONE, 2021, 16, e0252364.	1.1	5
56	Habitat mediates coevolved but not novel species interactions. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212338.	1.2	5
57	The Use of Remote Camera Trapping to Study Cheetahs: Past Reflections and Future Directions. , 2018, , 415-425.		4
58	Landscape- and local-scale habitat influences on occurrence and detection probability of Clark's nutcrackers: Implications for conservation. PLoS ONE, 2020, 15, e0233726.	1.1	4
59	Differential habitat use by sympatric species of mouse lemurs across a mangrove-dry forest habitat gradient. Journal of Mammalogy, 0, , .	0.6	3
60	Estimating abundance. , 2016, , 388-401.		3
61	Estimating population density and connectivity of American mink using spatial capture-recapture. , 2015, , .		2
62	Principles of translational science education. Frontiers in Ecology and the Environment, 2019, 17, 82-84.	1.9	1
63	Corrigendum to: Differential habitat use by sympatric species of mouse lemurs across a mangrove-dry forest habitat gradient. Journal of Mammalogy, 2021, 102, 1443-1443.	0.6	0
64	Drivers of avian diversity and abundance across gradients of human influence. Landscape Ecology, 2022, 37, 969-981.	1.9	0
65	Warming increases activity in the common tropical frog <i>Eleutherodactylus coqui</i> . Climate Change Ecology, 2021, 2, 100041.	0.9	0