Brett K Sandercock

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6816779/publications.pdf

Version: 2024-02-01

144	4,150	101543	149698
papers	citations	36 h-index	56 g-index

151	151	151	3690
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Animal migration to northern latitudes: environmental changes and increasing threats. Trends in Ecology and Evolution, 2022, 37, 30-41.	8.7	49
2	The future distribution of wetland birds breeding in Europe validated against observed changes in distribution. Environmental Research Letters, 2022, 17, 024025.	5.2	17
3	Predation, parasitism, and drought counteract the benefits of patch-burn grazing for the reproductive success of grassland songbirds. Condor, 2022, 124, .	1.6	3
4	Protected area characteristics that help waterbirds respond to climate warming. Conservation Biology, 2022, 36, .	4.7	5
5	Exceptionally high apparent adult survival in three tropical species of plovers in Madagascar. Journal of Avian Biology, 2022, 2022, .	1.2	3
6	Benefits of protected areas for nonbreeding waterbirds adjusting their distributions under climate warming. Conservation Biology, 2021, 35, 834-845.	4.7	18
7	Predictors of invertebrate biomass and rate of advancement of invertebrate phenology across eight sites in the North American Arctic. Polar Biology, 2021, 44, 237-257.	1.2	9
8	Fitness and fur colouration: Testing the camouflage and thermoregulation hypotheses in an Arctic mammal. Journal of Animal Ecology, 2021, 90, 1328-1340.	2.8	9
9	Monitoring presence and abundance of two gyrodactylid ectoparasites and their salmonid hosts using environmental DNA. Environmental DNA, 2020, 2, 53-62.	5.8	13
10	Annual adult survival drives trends in Arctic-breeding shorebirds but knowledge gaps in other vital rates remain. Condor, 2020, 122, .	1.6	16
11	Editorial: Flexibility in the Migration Strategies of Animals. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	14
12	Population fitness has a concave relationship with migration distance in Sanderlings. Journal of Animal Ecology, 2020, 89, 674-677.	2.8	2
13	Exposure of White-throated Dippers to heavy metals in acidified and non-acidified streams in Norway. Journal of Ornithology, 2020, 161, 915-921.	1.1	1
14	Effect of Temperature on Plant Resistance to Arthropod Pests. Environmental Entomology, 2020, 49, 537-545.	1.4	5
15	Impacts of predator-mediated interactions along a climatic gradient on the population dynamics of an alpine bird. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20202653.	2.6	10
16	Longevity records show that Upland Sandpipers are long-lived birds. Wader Study, 2020, 127, .	0.4	1
17	Does harvesting amplify environmentally induced population fluctuations over time in marine and terrestrial species?. Journal of Applied Ecology, 2019, 56, 2186-2194.	4.0	27
18	Population recovery of peregrine falcons in central Norway in the 4 decades since the DDT-ban. Ecotoxicology, 2019, 28, 1160-1168.	2.4	5

#	Article	IF	Citations
19	Migration Patterns of Upland Sandpipers in the Western Hemisphere. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	8
20	Strategic conservation for lesser prairie-chickens among landscapes of varying anthropogenic influence. Biological Conservation, 2019, 238, 108213.	4.1	13
21	Composition and Drivers of Gut Microbial Communities in Arctic-Breeding Shorebirds. Frontiers in Microbiology, 2019, 10, 2258.	3.5	49
22	Effects of patch-burn grazing on breeding density and territory size of Dickcissels. Avian Conservation and Ecology, 2019, 14, .	0.8	3
23	Geographic variation in the intensity of warming and phenological mismatch between Arctic shorebirds and invertebrates. Ecological Monographs, 2019, 89, e01383.	5.4	39
24	Apparent survival of tropical birds in a wet, premontane forest in Costa Rica. Journal of Field Ornithology, 2019, 90, 117-127.	0.5	5
25	Habitat selection and space use of Upland Sandpipers at nonbreeding grounds. Avian Conservation and Ecology, 2019, 14, .	0.8	2
26	Chapter Fourteen. Testosterone Mediates Mating Success in Greater Prairie-Chickens. , 2019, , 195-208.		1
27	Chapter Twenty-Two. Effects of Translocation on the Behavior of Island Ptarmigan. , 2019, , 295-306.		0
28	Chapter Five. Impacts of Anthropogenic Features on Habitat Use by Lesser Prairie-Chickens. , 2019, , 63-76.		2
29	Chapter Nineteen. Human-Mediated Selection on Life-History Traits of Greater Prairie-Chickens. , 2019, , 255-266.		0
30	Chapter Two. Hierarchical Modeling of Lek Habitats of Greater Prairie-Chickens. , 2019, , 21-32.		3
31	Chapter Fifteen. Reproductive Biology of a Southern Population of Greater Prairie-Chickens. , 2019, , 209-222.		0
32	Effects of rangeland management on survival of female greater prairieâ€chickens. Journal of Wildlife Management, 2018, 82, 113-122.	1.8	20
33	Long-term changes in the seasonal timing of landbird migration on the Pacific Flyway. Condor, 2018, 120, 30-46.	1.6	17
34	Delayed eggâ€laying and shortened incubation duration of Arcticâ€breeding shorebirds coincide with climate cooling. Ecology and Evolution, 2018, 8, 1339-1351.	1.9	22
35	Effects of environmental conditions on reproductive effort and nest success of Arcticâ€breeding shorebirds. Ibis, 2018, 160, 608-623.	1.9	34
36	Collection of Scientific Specimens: Benefits for Biodiversity Sciences and Limited Impacts on Communities of Small Mammals. BioScience, 2018, 68, 35-42.	4.9	32

#	Article	IF	Citations
37	Body condition and feather molt of a migratory shorebird during the nonâ€breeding season. Journal of Avian Biology, 2018, 49, jav-01480.	1.2	7
38	Lifeâ€history tradeoffs revealed by seasonal declines in reproductive traits of Arcticâ€breeding shorebirds. Journal of Avian Biology, 2018, 49, jav-01531.	1.2	29
39	Environmental and ecological conditions at Arctic breeding sites have limited effects on true survival rates of adult shorebirds. Auk, 2018, 135, 29-43.	1.4	40
40	Effects of leg flags on nest survival of four species of Arcticâ€breeding shorebirds. Journal of Field Ornithology, 2018, 89, 287-297.	0.5	5
41	Demographic drivers of collapse in an island population of Tree Swallows. Condor, 2018, 120, 828-841.	1.6	16
42	Effects of Landscape Characteristics on Annual Survival of Lesser Prairie-Chickens. American Midland Naturalist, 2018, 180, 66.	0.4	18
43	The avian gut microbiota: community, physiology and function in wild birds. Journal of Avian Biology, 2018, 49, e01788.	1.2	194
44	Demographic consequences of conservation reserve program grasslands for lesser prairieâ€chickens. Journal of Wildlife Management, 2018, 82, 1617-1632.	1.8	22
45	Identifying the diet of a declining prairie grouse using DNA metabarcoding. Auk, 2018, 135, 583-608.	1.4	38
46	A landscape perspective on rates of multiple paternity and brood parasitism among Greater Prairie-Chickens across Kansas, USA. Wilson Journal of Ornithology, 2018, 130, 626-638.	0.2	1
47	Prevailing weather conditions and diet composition affect chick growth and survival in the black-legged kittiwake. Marine Ecology - Progress Series, 2018, 604, 237-249.	1.9	16
48	The Effect of Temperature and Host Plant Resistance on Population Growth of the Soybean Aphid Biotype 1 (Hemiptera: Aphididae). Environmental Entomology, 2017, 46, nvw160.	1.4	5
49	Ecological mismatches are moderated by local conditions for two populations of a longâ€distance migratory bird. Oikos, 2017, 126, 61-72.	2.7	55
50	Effects of Tamarix removal on the community dynamics of riparian birds in a semiarid grassland. Restoration Ecology, 2017, 25, 778-787.	2.9	10
51	Longâ€term continental changes in wing length, but not bill length, of a longâ€distance migratory shorebird. Ecology and Evolution, 2017, 7, 3243-3256.	1.9	22
52	Migratory connectivity of Semipalmated Sandpipers and implications for conservation. Condor, 2017, 119, 207-224.	1.6	50
53	Landscape context drives breeding habitat selection by an enigmatic grassland songbird. Landscape Ecology, 2017, 32, 2351-2364.	4.2	13
54	Habitat Guild Drives Variation In Apparent Survival of Landbirds In the Great Plains. Wilson Journal of Ornithology, 2017, 129, 259.	0.2	1

#	Article	IF	Citations
55	Space Use of Female Greater Prairie-Chickens in Response to Fire and Grazing Interactions. Rangeland Ecology and Management, 2017, 70, 165-174.	2.3	13
56	Recruitment and establishment of the gut microbiome in arctic shorebirds. FEMS Microbiology Ecology, 2017, 93, .	2.7	64
57	Effects of predator exclosures on nest survival of Red-necked Phalaropes. Wader Study, 2017, 124, 26-32.	0.4	1
58	Harry R. Painton Award 2017, to Katie Dugger et al.. Condor, 2017, 119, 872-873.	1.6	0
59	Patterns and drivers of intraspecific variation in avian life history along elevational gradients: a metaâ€analysis. Biological Reviews, 2016, 91, 469-482.	10.4	92
60	Patchâ€burn grazing increases habitat heterogeneity and biodiversity of small mammals in managed rangelands. Ecosphere, 2016, 7, e01431.	2.2	34
61	Fine-scale distribution modeling of avian malaria vectors in north-central Kansas. Journal of Vector Ecology, 2016, 41, 114-122.	1.0	6
62	Unexpected diversity in socially synchronized rhythms of shorebirds. Nature, 2016, 540, 109-113.	27.8	105
63	Effects of geolocators on hatching success, return rates, breeding movements, and change in body mass in 16 species of Arctic-breeding shorebirds. Movement Ecology, 2016, 4, 12.	2.8	51
64	Patterns of nest attendance by female Greater Prairie-Chickens (Tympanuchus cupido) in northcentral Kansas. Journal of Ornithology, 2016, 157, 733-745.	1.1	11
65	Feeding location affects demographic performance of cabbage aphids on winter canola. Entomologia Experimentalis Et Applicata, 2015, 156, 149-159.	1.4	11
66	Factors affecting female space use in ten populations of prairie chickens. Ecosphere, 2015, 6, art166.	2.2	29
67	Effects of grazing and prescribed fire on resource selection and nest survival of upland sandpipers in an experimental landscape. Landscape Ecology, 2015, 30, 325-337.	4.2	45
68	Alternative Rangeland Management Strategies and the Nesting Ecology of Greater Prairie-Chickens. Rangeland Ecology and Management, 2015, 68, 298-304.	2.3	42
69	Using local dispersal data to reduce bias in annual apparent survival and mate fidelity. Condor, 2015, 117, 598-608.	1.6	10
70	Responses of male Greater Prairie-Chickens to wind energy development. Condor, 2015, 117, 284-296.	1.6	43
71	Effects of wind energy development on survival of female greater prairieâ€chickens. Journal of Applied Ecology, 2014, 51, 395-405.	4.0	53
72	Effects of Wind Energy Development on Nesting Ecology of Greater Prairieâ€Chickens in Fragmented Grasslands. Conservation Biology, 2014, 28, 1089-1099.	4.7	73

#	Article	IF	Citations
73	Space use by female Greater Prairieâ€€Chickens in response to wind energy development. Ecosphere, 2014, 5, 1-17.	2.2	65
74	Museum collections reveal that Buff-breasted Sandpipers (Calidris subruficollis) maintained mtDNA variability despite large population declines during the past 135Âyears. Conservation Genetics, 2014, 15, 1197-1208.	1.5	4
75	Range-wide conservation genetics of Buff-breasted Sandpipers (Tryngites subruficollis). Auk, 2013, 130, 429-439.	1.4	5
76	Spatial heterogeneity in habitat selection: Nest site selection by greater prairieâ€€chickens. Journal of Wildlife Management, 2013, 77, 791-801.	1.8	38
77	Mortality within the annual cycle: seasonal survival patterns in Afro-Siberian Red Knots Calidris canutus canutus. Journal of Ornithology, 2013, 154, 933-943.	1.1	49
78	Effects of Sexual Dimorphism and Landscape Composition on the Trophic Behavior of Greater Prairie-Chicken. PLoS ONE, 2013, 8, e79986.	2.5	7
79	Small-scale demographic structure suggests preemptive behavior in a flocking shorebird. Behavioral Ecology, 2012, 23, 1226-1233.	2.2	23
80	Effects of rangeland management on the site occupancy dynamics of prairieâ€€chickens in a protected prairie preserve. Journal of Wildlife Management, 2012, 76, 38-47.	1.8	33
81	Demography of greater prairieâ€€chickens: Regional variation in vital rates, sensitivity values, and population dynamics. Journal of Wildlife Management, 2012, 76, 987-1000.	1.8	54
82	Rangeâ€€wide patterns of migratory connectivity in the western sandpiper Calidris mauri. Journal of Avian Biology, 2012, 43, 155-167.	1.2	17
83	Influence of translocation strategy and mating system on the genetic structure of a newly established population of island ptarmigan. Conservation Genetics, 2012, 13, 465-474.	1.5	12
84	Factors Influencing Survival of Female Elk in a Harvested Population. Journal of Fish and Wildlife Management, 2012, 3, 199-208.	0.9	2
85	Scale-dependent Factors Affecting North American River Otter Distribution in the Midwest. American Midland Naturalist, 2011, 166, 177-193.	0.4	14
86	Demography of Female Greater Prairie-Chickens in Unfragmented Grasslands in Kansas. Avian Conservation and Ecology, 2011, 6, .	0.8	12
87	Is hunting mortality additive or compensatory to natural mortality? Effects of experimental harvest on the survival and cause-specific mortality of willow ptarmigan. Journal of Animal Ecology, 2011, 80, 244-258.	2.8	132
88	Factors affecting detectability of river otters during sign surveys. Journal of Wildlife Management, 2011, 75, 144-150.	1.8	40
89	Spread of plague among blackâ€€tailed prairie dogs is associated with colony spatial characteristics. Journal of Wildlife Management, 2011, 75, 357-368.	1.8	41
90	Genetic Parentage and Local Population Structure in the Socially Monogamous Upland Sandpiper. Condor, 2011, 113, 119-128.	1.6	17

#	Article	IF	Citations
91	Natal Philopatry and Apparent Survival of Juvenile Semipalmated Plovers. Wilson Journal of Ornithology, 2010, 122, 23-28.	0.2	14
92	Exposure of Nonbreeding Migratory Shorebirds to Cholinesterase-Inhibiting Contaminants in the Western Hemisphere. Condor, 2010, 112, 15-28.	1.6	21
93	Regional Variation in mtDNA of the Lesser Prairie-Chicken. Condor, 2010, 112, 29-37.	1.6	8
94	Restoring Tallgrass Prairie and Grassland Bird Populations in Tall Fescue Pastures With Winter Grazing. Rangeland Ecology and Management, 2010, 63, 679-688.	2.3	10
95	Demography of a Reintroduced Population of Evermann's Rock Ptarmigan in the Aleutian Islands. Wilson Journal of Ornithology, 2010, 122, 1-14.	0.2	17
96	Breeding Ecology of Kittlitz's Murrelets at Agattu Island, Aleutian Islands, Alaska. Waterbirds, 2009, 32, 363-479.	0.3	10
97	Spatial Variation in Lesser Prairieâ€Chicken Demography: A Sensitivity Analysis of Population Dynamics and Management Alternatives. Journal of Wildlife Management, 2009, 73, 1325-1332.	1.8	60
98	Feather isotope analysis discriminates age-classes of Western, Least, and Semipalmated sandpipers when plumage methods are unreliable. Journal of Field Ornithology, 2009, 80, 51-63.	0.5	4
99	Evaluating Avian Community Dynamics in Restored Riparian Habitats with Mark-Recapture Models. Wilson Journal of Ornithology, 2009, 121, 22-40.	0.2	6
100	Heteroduplex molecules cause sexing errors in a standard molecular protocol for avian sexing. Molecular Ecology Resources, 2009, 9, 61-65.	4.8	34
101	Phenotypic correlates and survival consequences of male mating success in lek-mating greater prairie-chickens (Tympanuchus cupido). Behavioral Ecology and Sociobiology, 2008, 62, 1377-1388.	1.4	38
102	Stable isotopes identify the natal origins of a generalist brood parasite, the brown-headed cowbird Molothrus ater. Journal of Avian Biology, 2008, 39, 364-367.	1.2	4
103	Demographic Sensitivity of Population Change in Northern Bobwhite. Journal of Wildlife Management, 2008, 72, 970-982.	1.8	92
104	Responses of two bunchgrasses to nitrogen addition in tallgrass prairie: the role of bud bank demography. American Journal of Botany, 2008, 95, 672-680.	1.7	28
105	EFFECTS OF EXPERIMENTAL COWBIRD REMOVALS ON BROOD PARASITISM AND NEST PREDATION IN A GRASSLAND SONGBIRD. Auk, 2008, 125, 820-830.	1.4	12
106	COWBIRD REMOVALS UNEXPECTEDLY INCREASE PRODUCTIVITY OF A BROOD PARASITE AND THE SONGBIRD HOST. , 2008, 18, 537-548.		23
107	Stable isotopes identify the natal origins of a generalist brood parasite, the brown-headed cowbird Molothrus ater. Journal of Avian Biology, 2008, .	1.2	0
108	Demographic Response of a Grassland Rodent to Environmental Variability. Journal of Mammalogy, 2007, 88, 982-988.	1.3	16

#	Article	IF	Citations
109	Optimizing Radio Retention and Minimizing Radio Impacts in a Field Study of Upland Sandpipers. Journal of Wildlife Management, 2007, 71, 971-980.	1.8	46
110	Age-Specific Survival and Probable Causes of Mortality in Female Lesser Prairie-Chickens. Journal of Wildlife Management, 2007, 71, 518-525.	1.8	64
111	Radiotelemetry Survival Estimates of Lesser Prairie-Chickens in Kansas: Are There Transmitter Biases?. Wildlife Society Bulletin, 2006, 34, 1064-1069.	1.6	25
112	Apparent Survival Estimates for Five Species of Tropical Birds in an Endangered Forest Habitat in Western Ecuador. Biotropica, 2006, 38, 764-769.	1.6	22
113	Handbook of Capture-Recapture Analysis Edited by Amstrup, S. C., Mcdonald, T. L., and Manly, B. F. J.. Biometrics, 2006, 62, 1276-1277.	1.4	2
114	Estimation of Demographic Parameters from Live-Encounter Data: a Summary Review. Journal of Wildlife Management, 2006, 70, 1504-1520.	1.8	168
115	EFFECTS OF RANGELAND MANAGEMENT ON COMMUNITY DYNAMICS OF THE HERPETOFAUNA OF THE TALLGRASS PRAIRIE. Herpetologica, 2006, 62, 378-388.	0.4	18
116	Nest desertion by a cowbird host: an antiparasite behavior or a response to egg loss?. Behavioral Ecology, 2006, 17, 917-924.	2.2	38
117	Demographic consequences of age-structure in extreme environments: population models for arctic and alpine ptarmigan. Oecologia, 2005, 146, 13-24.	2.0	44
118	Age-Specific Variation in Apparent Survival Rates of Male Lesser Prairie-Chickens. Condor, 2005, 107, 78-86.	1.6	28
119	The Effects of Age and Sex on the Apparent Survival of Kentish Plovers Breeding in Southern Turkey. Condor, 2005, 107, 583-596.	1.6	33
120	THE EFFECTS OF AGE AND SEX ON THE APPARENT SURVIVAL OF KENTISH PLOVERS BREEDING IN SOUTHERN TURKEY. Condor, 2005, 107, 583.	1.6	32
121	AGE-SPECIFIC VARIATION IN APPARENT SURVIVAL RATES OF MALE LESSER PRAIRIE-CHICKENS. Condor, 2005, 107, 78.	1.6	26
122	LIFE HISTORY STRATEGIES IN EXTREME ENVIRONMENTS: COMPARATIVE DEMOGRAPHY OF ARCTIC AND ALPINE PTARMIGAN. Ecology, 2005, 86, 2176-2186.	3.2	95
123	PREDATION BY GRAY CATBIRD ON BROWN THRASHER EGGS. Southwestern Naturalist, 2004, 49, 101-103.	0.1	0
124	Why do birds engage in extra-pair copulation?. Nature, 2003, 422, 833-834.	27.8	9
125	Estimating rates of population change for a neotropical parrot with ratio, mark-recapture and matrix methods. Journal of Applied Statistics, 2002, 29, 589-607.	1.3	33
126	Annual Survival Rates of Wintering Sparrows: Assessing Demographic Consequences of Migration. Auk, 2002, 119, 149-165.	1.4	75

#	Article	IF	Citations
127	Genetic Parentage and Mate Guarding in the Arctic-Breeding Western Sandpiper. Auk, 2002, 119, 228-233.	1.4	26
128	Genetic similarity between mates and extra-pair parentage in three species of shorebirds. Nature, 2002, 419, 613-615.	27.8	208
129	Annual Survival Rates of Wintering Sparrows: Assessing Demographic Consequences of Migration. Auk, 2002, 119, 149-165.	1.4	6
130	Genetic Parentage and Mate Guarding in the Arctic-Breeding Western Sandpiper. Auk, 2002, 119, 228-233.	1.4	3
131	ESTIMATING DORMANCY AND SURVIVAL OF A RARE HERBACEOUS PERENNIAL USING MARKâ€“RECAPTURE MODELS. Ecology, 2001, 82, 145-156.	3.2	85
132	Ecological correlates of mate fidelity in two Arctic-breeding sandpipers. Canadian Journal of Zoology, 2000, 78, 1948-1958.	1.0	35
133	SURVIVAL RATES OF A NEOTROPICAL PARROT: IMPLICATIONS FOR LATITUDINAL COMPARISONS OF AVIAN DEMOGRAPHY. Ecology, 2000, 81, 1351-1370.	3.2	116
134	Survival Rates of a Neotropical Parrot: Implications for Latitudinal Comparisons of Avian Demography. Ecology, 2000, 81, 1351.	3.2	8
135	Seasonal Declines in the Fecundity of Arctic-Breeding Sandpipers: Different Tactics in Two Species with an Invariant Clutch Size. Journal of Avian Biology, 1999, 30, 460.	1.2	58
136	Assortative Mating and Sexual Size Dimorphism in Western and Semipalmated Sandpipers. Auk, 1998, 115, 786-791.	1.4	38
137	Local Survival of Dunlin Wintering in California. Condor, 1997, 99, 906.	1.6	33
138	Incubation capacity and clutch size determination in two calidrine sandpipers: a test of the four-egg threshold. Oecologia, 1997, 110, 50-59.	2.0	44
139	Local survival in Semipalmated SandpipersCalidris pusillabreeding at La PÃ©rouse Bay, Canada. Ibis, 1997, 139, 305-312.	1.9	36
140	Egg-Capping and Eggshell Removal by Western and Semipalmated Sandpipers. Condor, 1996, 98, 431-433.	1.6	8
141	The effect of renesting ability and nesting attempt on egg-size variation in willow ptarmigan. Canadian Journal of Zoology, 1994, 72, 2252-2255.	1.0	14
142	The Effect of Manipulated Brood Size on Parental Defence in a Precocial Bird, the Willow Ptarmigan. Journal of Avian Biology, 1994, 25, 281.	1.2	12
143	Free-Living Willow Ptarmigan Are Determinate Egg-Layers. Condor, 1993, 95, 554-558.	1.6	4
144	Habitat suitability models based on opportunistic citizen science data: Evaluating forecasts from alternative methods versus an individualâ€based model. Diversity and Distributions, 0, , .	4.1	7