Richard B Lanctot

List of Publications by Year
in descending order

61 papers	1,945 citations	236925 25 h-index	265206 42 g-index
61 all docs	61 docs citations	61 times ranked	2119 citing authors

#	Article	IF	Citations
1	Genetic similarity between mates and extra-pair parentage in three species of shorebirds. Nature, 2002, 419, 613-615.	27.8	208
2	Assessing the Development of Shorebird Eggs Using the Flotation Method: Species-Specific and Generalized Regression Models. Condor, 2007, 109, 32-47.	1.6	136
3	ASSESSING THE DEVELOPMENT OF SHOREBIRD EGGS USING THE FLOTATION METHOD: SPECIES-SPECIFIC AND GENERALIZED REGRESSION MODELS. Condor, 2007, 109, 32.	1.6	120
4	Unexpected diversity in socially synchronized rhythms of shorebirds. Nature, 2016, 540, 109-113.	27.8	105
5	Rapid climateâ€driven loss of breeding habitat for Arctic migratory birds. Global Change Biology, 2017, 23, 1085-1094.	9.5	94
6	Ecological insights from three decades of animal movement tracking across a changing Arctic. Science, 2020, 370, 712-715.	12.6	75
7	Sensitivity of breeding parameters to food supply in Black-legged Kittiwakes Rissa tridactyla. Ibis, 2002, 144, 268-283.	1.9	70
8	Are corticosterone levels a good indicator of food availability and reproductive performance in a kittiwake colony?. Hormones and Behavior, 2003, 43, 489-502.	2.1	67
9	Certainty of paternity and paternal investment in eastern bluebirds and tree swallows. Animal Behaviour, 1998, 55, 845-860.	1.9	65
10	Documenting lemming population change in the Arctic: Can we detect trends?. Ambio, 2020, 49, 786-800.	5.5	54
11	Composition and Drivers of Gut Microbial Communities in Arctic-Breeding Shorebirds. Frontiers in Microbiology, 2019, 10, 2258.	3.5	49
12	Phenological mismatch in Arcticâ€breeding shorebirds: Impact of snowmelt and unpredictable weather conditions on food availability and chick growth. Ecology and Evolution, 2019, 9, 6693-6707.	1.9	46
13	Status and trends of tundra birds across the circumpolar Arctic. Ambio, 2020, 49, 732-748.	5.5	45
14	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
15	Habitat and social factors influence nest-site selection in Arctic-breeding shorebirds. Auk, 2016, 133, 364-377.	1.4	39
16	Geographic variation in the intensity of warming and phenological mismatch between Arctic shorebirds and invertebrates. Ecological Monographs, 2019, 89, e01383.	5.4	39
17	Does food availability affect energy expenditure rates of nesting seabirds? A supplemental-feeding experiment with Black-legged Kittiwakes (Rissa tridactyla). Canadian Journal of Zoology, 2002, 80, 214-222.	1.0	37
18	Ecological correlates of mate fidelity in two Arctic-breeding sandpipers. Canadian Journal of Zoology, 2000, 78, 1948-1958.	1.0	35

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19	Effects of environmental conditions on reproductive effort and nest success of Arcticâ€breeding shorebirds. Ibis, 2018, 160, 608-623.	1.9	34
20	Male traits, mating tactics and reproductive success in the buff-breasted sandpiper,Tryngites subruficollis. Animal Behaviour, 1998, 56, 419-432.	1.9	33
21	Probability of Detection of Nests and Implications for Survey Design. Condor, 2009, 111, 414-423.	1.6	31
22	Conservative and opportunistic settlement strategies in Arctic-breeding shorebirds. Auk, 2015, 132, 212-234.	1.4	31
23	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
24	Multispecies comparisons of adaptability to climate change: A role for lifeâ€history characteristics?. Ecology and Evolution, 2017, 7, 10492-10502.	1.9	28
25	Genetic Parentage and Mate Guarding in the Arctic-Breeding Western Sandpiper. Auk, 2002, 119, 228-233.	1.4	26
26	Do common eiders nest in kin groups? Microgeographic genetic structure in a philopatric sea duck. Molecular Ecology, 2010, 19, 647-657.	3.9	26
27	Shorebird Abundance and Distribution on the Coastal Plain of the Arctic National Wildlife Refuge. Condor, 2007, 109, 1-14.	1.6	23
28	High renesting rates in Arctic-breeding Dunlin (Calidris alpina). Auk, 2013, 130, 372-380.	1.4	22
29	Exposure of Nonbreeding Migratory Shorebirds to Cholinesterase-Inhibiting Contaminants in the Western Hemisphere. Condor, 2010, 112, 15-28.	1.6	21
30	Ephemeral lekking behavior in the buff-breasted sandpiper, Tryngites subruficollis. Behavioral Ecology, 1997, 8, 268-278.	2.2	20
31	Nest attentiveness drives nest predation in arctic sandpipers. Oikos, 2020, 129, 1481-1492.	2.7	20
32	Seasonal Movements, Winter Range Use, and Migratory Connectivity of the Black Oystercatcher. Condor, 2010, 112, 731-743.	1.6	19
33	Hierarchical Spatial Genetic Structure of Common Eiders (Somateria mollissima) Breeding along a Migratory Corridor. Auk, 2009, 126, 744-754.	1.4	18
34	Parental role division predicts avian preen wax cycles. Ibis, 2007, 149, 721-729.	1.9	17
35	Rangeâ€wide patterns of migratory connectivity in the western sandpiper Calidris mauri. Journal of Avian Biology, 2012, 43, 155-167.	1.2	17
36	An Adenovirus Linked to Mortality and Disease in Long-Tailed Ducks (Clangula hyemalis) in Alaska. Avian Diseases, 2003, 47, 1434-1440.	1.0	16

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37	Residence Time and Movements of Postbreeding Shorebirds on the Northern Coast of Alaska. Condor, 2011, 113, 779-794.	1.6	15
38	Differentiation of subspecies and sexes of Beringian Dunlins using morphometric measures. Journal of Field Ornithology, 2013, 84, 389-402.	0.5	15
39	Flowerâ€visitor communities of an arctoâ€alpine plantâ€"Global patterns in species richness, phylogenetic diversity and ecological functioning. Molecular Ecology, 2019, 28, 318-335.	3.9	15
40	Managing Grasslands to Maximize Migratory Shorebird Use and Livestock Production. Rangeland Ecology and Management, 2019, 72, 150-159.	2.3	13
41	Light-level geolocation reveals migration patterns of the Buï¬€-breasted Sandpiper. Wader Study, 2016, 123, 29-43.	0.4	12
42	Shorebird Reproductive Response to Exceptionally Early and Late Springs Varies Across Sites in Arctic Alaska. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	11
43	Why do birds engage in extra-pair copulation?. Nature, 2003, 422, 833-834.	27.8	9
44	COLONIZATION, POPULATION GROWTH, AND NESTING SUCCESS OF BLACK OYSTERCATCHERS FOLLOWING A SEISMIC UPLIFT. Condor, 2004, 106, 791.	1.6	9
45	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
46	Do females trade copulations for food? An experimental study on kittiwakes (Rissa tridactyla). Behavioral Ecology, 2007, 18, 345-353.	2.2	8
47	"RESPONSE TO FARMER (2008): LIMITATIONS OF STATISTICALLY DERIVED POPULATION ESTIMATES, AND SUGGESTIONS FOR DERIVING NATIONAL POPULATION ESTIMATES FOR SHOREBIRDS. Auk, 2008, 125, 983-985.	1.4	8
48	Extrapair paternity in a sequentially polyandrous shorebird: limited evidence for the sperm storage hypothesis. Animal Behaviour, 2022, 183, 77-92.	1.9	8
49	Shorebird Responses to Construction and Operation of a Landfill on the Arctic Coastal Plain. Condor, 2013, 115, 816-829.	1.6	7
50	The reuse of avian samples: opportunities, pitfalls, and a solution. Ibis, 2022, 164, 343-349.	1.9	7
51	Social and Genetic Mating System of the American Golden-Plover. Condor, 2013, 115, 808-815.	1.6	6
52	Nest reuse in arctic-breeding shorebirds: an analysis of potential benefits and factors affecting the occurrence of this rare behavior. Journal of Avian Biology, 2018, 49, e01737.	1.2	6
53	Behavioural responses of breeding arctic sandpipers to ground-surface temperature and primary productivity. Science of the Total Environment, 2021, 755, 142485.	8.0	6
54	Range-wide conservation genetics of Buff-breasted Sandpipers (Tryngites subruficollis). Auk, 2013, 130, 429-439.	1.4	5

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55	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
56	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
57	Effect of underwater seismic surveys on molting male Long-tailed Ducks in the Beaufort Sea, Alaska. Canadian Journal of Zoology, 2003, 81, 1862-1875.	1.0	3
58	Improved arrival-date estimates of Arctic-breeding Dunlin (Calidris alpina arcticola). Auk, 2015, 132, 408-421.	1.4	3
59	No renesting observed after experimental clutch removal in Red Phalaropes breeding near UtqiaÄ£vik, Alaska. Wader Study, 2020, 127, .	0.4	3
60	Sexing a sex-role-reversed species based on plumage: potential challenges in the red phalarope. PeerJ, 2016, 4, e1989.	2.0	2
61	Book ReviewsArctic Shorebirds in North America: A Decade of Monitoring.â€" Jonathan Bart and Victoria Johnston , Eds. 2012 . Studies of Avian Biology, no. 44 . University of California Press , Berkeley . 302 pp. ISBN 9780520273108 . Hardcover, $80.00.. Auk, 2013, 130, 392-393.	1.4	1