David B Lank

List of Publications by Year
in descending order

76 papers	3,428 citations	186265 28 h-index	155660 55 g-index
79 all docs	79 docs citations	79 times ranked	2979 citing authors

#	Article	IF	Citations
1	Intralocus conflicts associated with a supergene. Nature Communications, 2022, 13, 1384.	12.8	9
2	Danger, risk and antiâ€predator behavior in the life history of longâ€distance migratory sandpipers. Journal of Avian Biology, 2022, 2022, .	1.2	2
3	More than just refuelling: lengthy stopover and selection of departure weather by sandpipers prior to transoceanic and transcontinental flights. Ibis, 2021, 163, 519-535.	1.9	10
4	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
5	Gene Expression Modification by an Autosomal Inversion Associated With Three Male Mating Morphs. Frontiers in Genetics, 2021, 12, 641620.	2.3	10
6	Marbled Murrelets prefer stratified waters close to freshwater inputs in Haida Gwaii, British Columbia, Canada. Condor, 2021, 123, .	1.6	2
7	Annual adult survival drives trends in Arctic-breeding shorebirds but knowledge gaps in other vital rates remain. Condor, 2020, 122, .	1.6	16
8	Development of intraspecific size variation in black coucals, whiteâ€browed coucals and ruffs from hatching to fledging. Journal of Avian Biology, 2020, 51, .	1.2	11
9	Oversummering juvenile and adult Semipalmated sandpipers in PerÃº gain enough survival to compensate for foregone breeding opportunity. Movement Ecology, 2020, 8, 42.	2.8	7
10	A monitoring framework for assessing threats to nonbreeding shorebirds on the Pacific Coast of the Americas. Avian Conservation and Ecology, 2020, 15, .	0.8	2
11	Migrant Semipalmated Sandpipers (Calidris pusilla) Have Over Four Decades Steadily Shifted Towards Safer Stopover Locations. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	13
12	Geographic variation in the intensity of warming and phenological mismatch between Arctic shorebirds and invertebrates. Ecological Monographs, 2019, 89, e01383.	5.4	39
13	Low Frequencies of Supernormal Clutches in the Southern Dunlin and the Temminck's Stint. Ardea, 2019, 107, 61.	0.6	1
14	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
15	Effects of environmental conditions on reproductive effort and nest success of Arcticâ€breeding shorebirds. Ibis, 2018, 160, 608-623.	1.9	34
16	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
17	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
18	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

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19	The rate of telomere loss is related to maximum lifespan in birds. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20160445.	4.0	109
20	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
21	Migratory connectivity of Semipalmated Sandpipers and implications for conservation. Condor, 2017, 119, 207-224.	1.6	50
22	The redistribution of non-breeding dunlins in response to the post-DDT recovery of falcons. Oecologia, 2017, 183, 1101-1110.	2.0	21
23	Effects of predator exclosures on nest survival of Red-necked Phalaropes. Wader Study, 2017, 124, 26-32.	0.4	1
24	Unexpected diversity in socially synchronized rhythms of shorebirds. Nature, 2016, 540, 109-113.	27.8	105
25	Effects of migration distance on life history strategies of Western and Semipalmated sandpipers in PerÃº. Journal of Field Ornithology, 2016, 87, 293-308.	0.5	8
26	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
27	A supergene determines highly divergent male reproductive morphs in the ruff. Nature Genetics, 2016, 48, 79-83.	21.4	411
28	Large and irregular population fluctuations in migratory Pacific (Calidris alpina pacifica) and Atlantic (C. a. hudsonica) dunlins are driven by densityâ€dependence and climatic factors. Population Ecology, 2015, 57, 551-567.	1.2	14
29	Mortality-minimizing sandpipers vary stopover behavior dependent on age and geographic proximity to migrating predators. Behavioral Ecology and Sociobiology, 2014, 68, 827-838.	1.4	20
30	Sex ratio varies with egg investment in the red-necked phalarope (Phalaropus lobatus). Behavioral Ecology and Sociobiology, 2014, 68, 1939-1949.	1.4	11
31	Providing parental care entails variable mating opportunity costs for male Temminckâ€™s stints. Behavioral Ecology and Sociobiology, 2014, 68, 1261-1272.	1.4	14
32	Does predation danger on southward migration curtail parental investment by female western sandpipers?. Animal Migration, 2014, 2, .	1.0	10
33	A dominant allele controls development into female mimic male and diminutive female ruffs. Biology Letters, 2013, 9, 20130653.	2.3	33
34	Genetic mapping of the female mimic morph locus in the ruff. BMC Genetics, 2013, 14, 109.	2.7	11
35	Territorial behavior of Western Sandpipers on their nonbreeding grounds: effect of sex and foraging interference. Journal of Field Ornithology, 2012, 83, 272-281.	0.5	2
36	Migratory Connectivity of Semipalmated Sandpipers: Winter Distribution and Migration Routes of Breeding Populations. Waterbirds, 2012, 35, 83-95.	0.3	32

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37	Gene expression divergence and nucleotide differentiation between males of different color morphs and mating strategies in the ruff. Ecology and Evolution, 2012, 2, 2485-2505.	1.9	20
38	Isolation, characterization and predicted genome locations of ruff (Philomachus pugnax, AVES) microsatellite loci. Conservation Genetics Resources, 2012, 4, 763-771.	0.8	5
39	Rangeâ€wide patterns of migratory connectivity in the western sandpiper Calidris mauri. Journal of Avian Biology, 2012, 43, 155-167.	1.2	17
40	Migration of two calidrid sandpiper species on the predator landscape: how stopover time and hence migration speed vary with geographical proximity to danger. Journal of Avian Biology, 2011, 42, 522-529.	1.2	23
41	Do sex and habitat differences in antipredator behavior of Western Sandpipers Calidris mauri reflect cumulative or compensatory processes?. Journal of Ornithology, 2010, 151, 665-672.	1.1	11
42	Winter body mass and over-ocean flocking as components of danger management by Pacific dunlins. BMC Ecology, 2010, 10, 1.	3.0	45
43	Interplay between physical and predator landscapes affects transferability of shorebird distribution models. Landscape Ecology, 2009, 24, 129-144.	4.2	10
44	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
45	Foraging behaviour of nonâ€breeding Western Sandpipers Calidris mauri as a function of sex, habitat and flocking. Ibis, 2008, 150, 518-526.	1.9	22
46	Effects of predator landscapes on the evolutionary ecology of routing, timing and molt by long-distance migrants. Journal of Avian Biology, 2007, 38, 523-529.	1.2	60
47	Relationship Between Stopover Site Choice of Migrating Sandpipers, Their Population Status, and Environmental Stressors. Israel Journal of Ecology and Evolution, 2007, 53, 245-261.	0.6	16
48	VARIATION IN THE WING MORPHOLOGY OF WESTERN SANDPIPERS (CALIDRIS MAURI) IN RELATION TO SEX, AGE CLASS, AND ANNUAL CYCLE. Auk, 2007, 124, 1037.	1.4	38
49	Variation in the Wing Morphology of Western Sandpipers (Calidris Mauri) in Relation to Sex, Age Class, and Annual Cycle. Auk, 2007, 124, 1037-1046.	1.4	34
50	Influence of landscape pattern on breeding distribution and success in a threatened Alcid, the marbled murrelet: model transferability and management implications. Journal of Applied Ecology, 2007, 44, 748-759.	4.0	22
51	Effects of predator landscapes on the evolutionary ecology of routing, timing and molt by long-distance migrants. Journal of Avian Biology, 2007, 38, 523-529.	1.2	53
52	SEX, AGE, AND BODY SIZE DISTRIBUTIONS OF WESTERN SANDPIPERS DURING THE NONBREEDING SEASON WITH RESPECT TO LOCAL HABITAT. Condor, 2006, 108, 547.	1.6	23
53	Differential Migration in Western Sandpipers with Respect to Body Size and Wing Length. Condor, 2006, 108, 225.	1.6	22
54	Differential Migration in Western Sandpipers with Respect to Body Size and Wing Length. Condor, 2006, 108, 225-232.	1.6	21

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55	Habitat Selection and Breeding Success in a Forest-nesting Alcid, the Marbled Murrelet, in Two Landscapes with Different Degrees of Forest Fragmentation. Landscape Ecology, 2006, 21, 107-120.	4.2	24
56	Life history varies with migratory distance in western sandpipersCalidris mauri. Journal of Avian Biology, 2005, 36, 191-202.	1.2	32
57	Breeding chronology of Marbled Murrelets varies between coastal and inshore sites in southern British Columbia. Journal of Field Ornithology, 2005, 76, 357-367.	0.5	13
58	Western sandpipers have altered migration tactics as peregrine falcon populations have recovered. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1263-1269.	2.6	143
59	Male mate choice, male availability and egg production as limitations on polyandry in the red-necked phalarope. Animal Behaviour, 2004, 67, 847-853.	1.9	12
60	Mate guarding, copulation strategies and paternity in the sex-role reversed, socially polyandrous red-necked phalarope Phalaropus lobatus. Behavioral Ecology and Sociobiology, 2004, 57, 110-118.	1.4	47
61	BLOOD ISOTOPIC (Î´13C AND Î´15N) TURNOVER AND DIET-TISSUE FRACTIONATION FACTORS IN CAPTIVE DUNLIN (CALIDRIS ALPINA PACIFICA). Auk, 2004, 121, 170.	1.4	137
62	Death and danger at migratory stopovers: problems with â€œpredation riskâ€• Journal of Avian Biology, 2003, 34, 225-228.	1.2	90
63	Effects of predation danger on migration strategies of sandpipers. Oikos, 2003, 103, 303-319.	2.7	156
64	Western Sandpipers (Calidris Mauri) During the Nonbreeding Season: Spatial Segregation on a Hemispheric Scale. Auk, 2002, 119, 922-928.	1.4	74
65	Trade-offs, condition dependence and stopover site selection by migrating sandpipers. Journal of Avian Biology, 2002, 33, 47-55.	1.2	113
66	Signaling Individual Identity versus Quality: A Model and Case Studies with Ruffs, Queleas, and House Finches. American Naturalist, 2001, 158, 75-86.	2.1	199
67	Visual Signals for Individual Identification: The Silent â€œSongâ€•of Ruffs. Auk, 2001, 118, 759-765.	1.4	27
68	Visual Signals for Individual Identification: The Silent â€œSongâ€•of Ruffs. Auk, 2001, 118, 759.	1.4	9
69	Ecological correlates of mate fidelity in two Arctic-breeding sandpipers. Canadian Journal of Zoology, 2000, 78, 1948-1958.	1.0	35
70	Testosterone-induced male traits in female ruffs (Philomachus pugnax): autosomal inheritance and gender differentiation. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 2323-2330.	2.6	85
71	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
72	The resident's dilemma: a female choice model for the evolution of alternative mating strategies in lekking male ruffs (Philomachus pugnax). Behavioral Ecology, 1997, 8, 218-225.	2.2	56

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73	Genetic polymorphism for alternative mating behaviour in lekking male ruff Philomachus pugnax. Nature, 1995, 378, 59-62.	27.8	334
74	FREQUENCY-DEPENDENT FITNESS CONSEQUENCES OF INTRASPECIFIC NEST PARASITISM IN SNOW GEESE. Evolution; International Journal of Organic Evolution, 1990, 44, 1436-1453.	2.3	21
75	Conditional lekking in ruff (Philomachus pugnax). Behavioral Ecology and Sociobiology, 1987, 20, 137-145.	1.4	72
76	Breeding Area Fidelity, Natal Philopatry, and the Social Systems of Sandpipers. , 1984, , 125-147.		45