

Bruce E Kendall

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

6,208
citations

87723

38
h-index

91712

69
g-index

81
all docs

81
docs citations

81
times ranked

7427
citing authors

#	ARTICLE	IF	CITATIONS
1	LONGEVITY CAN BUFFER PLANT AND ANIMAL POPULATIONS AGAINST CHANGING CLIMATIC VARIABILITY. <i>Ecology</i> , 2008, 89, 19-25.	1.5	386
2	Demography in an increasingly variable world. <i>Trends in Ecology and Evolution</i> , 2006, 21, 141-148.	4.2	361
3	Pushing the limits in marine species distribution modelling: lessons from the land present challenges and opportunities. <i>Global Ecology and Biogeography</i> , 2011, 20, 789-802.	2.7	355
4	The stochastic nature of larval connectivity among nearshore marine populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8974-8979.	3.3	334
5	Rapid population decline in migratory shorebirds relying on Yellow Sea tidal mudflats as stopover sites. <i>Nature Communications</i> , 2017, 8, 14895.	5.8	315
6	WHY DO POPULATIONS CYCLE? A SYNTHESIS OF STATISTICAL AND MECHANISTIC MODELING APPROACHES. <i>Ecology</i> , 1999, 80, 1789-1805.	1.5	300
7	Dispersal, Environmental Correlation, and Spatial Synchrony in Population Dynamics. <i>American Naturalist</i> , 2000, 155, 628-636.	1.0	252
8	Striking a Balance between Biodiversity Conservation and Socioeconomic Viability in the Design of Marine Protected Areas. <i>Conservation Biology</i> , 2008, 22, 691-700.	2.4	249
9	The macroecology of population dynamics: taxonomic and biogeographic patterns in population cycles. <i>Ecology Letters</i> , 1998, 1, 160-164.	3.0	214
10	Habitat structure and population persistence in an experimental community. <i>Nature</i> , 2001, 412, 538-543.	13.7	187
11	Estimating individual contributions to population growth: evolutionary fitness in ecological time. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 547-555.	1.2	184
12	COMPETITION, SEED LIMITATION, DISTURBANCE, AND REESTABLISHMENT OF CALIFORNIA NATIVE ANNUAL FORBS. , 2003, 13, 575-592.		181
13	Plant-soil feedbacks and invasive spread. <i>Ecology Letters</i> , 2006, 9, 1005-1014.	3.0	163
14	Single-species models for many-species food webs. <i>Nature</i> , 2002, 417, 541-543.	13.7	142
15	Correctly Estimating How Environmental Stochasticity Influences Fitness and Population Growth. <i>American Naturalist</i> , 2005, 166, E14-E21.	1.0	140
16	Variation among Individuals and Reduced Demographic Stochasticity. <i>Conservation Biology</i> , 2002, 16, 109-116.	2.4	130
17	DYNAMICAL EFFECTS OF PLANT QUALITY AND PARASITISM ON POPULATION CYCLES OF LARCH BUDMOTH. <i>Ecology</i> , 2003, 84, 1207-1214.	1.5	130
18	Rapid evolution accelerates plant population spread in fragmented experimental landscapes. <i>Science</i> , 2016, 353, 482-485.	6.0	125

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19	Identifying critical regions in small-world marine metapopulations. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E907-13.	3.3	107
20	Marine reserve effects on fishery profit. Ecology Letters, 2008, 11, 370-379.	3.0	95
21	Spatial Structure, Environmental Heterogeneity, and Population Dynamics: Analysis of the Coupled Logistic Map. Theoretical Population Biology, 1998, 54, 11-37.	0.5	91
22	Demographic heterogeneity, cohort selection, and population growth. Ecology, 2011, 92, 1985-1993.	1.5	87
23	Changing Seascapes, Stochastic Connectivity, and Marine Metapopulation Dynamics. American Naturalist, 2012, 180, 99-112.	1.0	86
24	ESTIMATING THE MAGNITUDE OF ENVIRONMENTAL STOCHASTICITY IN SURVIVORSHIP DATA. , 1998, 8, 184-193.		81
25	DEMOGRAPHIC STOCHASTICITY AND THE VARIANCE REDUCTION EFFECT. Ecology, 2002, 83, 1928-1934.	1.5	80
26	Modeling Adaptive and Nonadaptive Responses of Populations to Environmental Change. American Naturalist, 2017, 190, 313-336.	1.0	76
27	Turbulent dispersal promotes species coexistence. Ecology Letters, 2010, 13, 360-371.	3.0	75
28	Analyzing Variability and the Rate of Decline of Migratory Shorebirds in Moreton Bay, Australia. Conservation Biology, 2011, 25, 758-766.	2.4	66
29	An introduction to biodiversity concepts for environmental economists. Resources and Energy Economics, 2004, 26, 115-136.	1.1	63
30	Causal analysis in controlâ€‘impact ecological studies with observational data. Methods in Ecology and Evolution, 2019, 10, 924-934.	2.2	62
31	Predicting coral community recovery using multiâ€‘species population dynamics models. Ecology Letters, 2018, 21, 1790-1799.	3.0	59
32	Unstructured Individual Variation and Demographic Stochasticity. Conservation Biology, 2003, 17, 1170-1172.	2.4	57
33	POPULATION CYCLES IN THE PINE LOOPER MOTH: DYNAMICAL TESTS OF MECHANISTIC HYPOTHESES. Ecological Monographs, 2005, 75, 259-276.	2.4	56
34	Synchrony in dynamics of giant kelp forests is driven by both local recruitment and regional environmental controls. Ecology, 2013, 94, 499-509.	1.5	54
35	Variability in Population Abundance and the Classification of Extinction Risk. Conservation Biology, 2011, 25, 747-757.	2.4	49
36	Persistent problems in the construction of matrix population models. Ecological Modelling, 2019, 406, 33-43.	1.2	49

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37	Consequences of heterogeneity in survival probability in a population of Florida scrub-jays. <i>Journal of Animal Ecology</i> , 2006, 75, 921-927.	1.3	48
38	Resetting predator baselines in coral reef ecosystems. <i>Scientific Reports</i> , 2017, 7, 43131.	1.6	44
39	Cycles, chaos, and noise in predator-prey dynamics. <i>Chaos, Solitons and Fractals</i> , 2001, 12, 321-332.	2.5	43
40	Inferring mechanism from time-series data: Delay-differential equations. <i>Physica D: Nonlinear Phenomena</i> , 1997, 110, 182-194.	1.3	42
41	Distribution of plants in a California serpentine grassland: are rocky hummocks spatial refuges for native species?. <i>Plant Ecology</i> , 2004, 172, 159-171.	0.7	41
42	A Stochastic Model for Annual Reproductive Success. <i>American Naturalist</i> , 2010, 175, 461-468.	1.0	40
43	Growth autocorrelation and animal size variation. <i>Ecology Letters</i> , 2003, 7, 106-113.	3.0	39
44	A reassessment of equivalence in yield from marine reserves and traditional fisheries management. <i>Oikos</i> , 2007, 116, 2039-2043.	1.2	38
45	Demographic heterogeneity impacts density-dependent population dynamics. <i>Theoretical Ecology</i> , 2012, 5, 297-309.	0.4	37
46	The value of coordinated management of interacting ecosystem services. <i>Ecology Letters</i> , 2012, 15, 509-519.	3.0	33
47	Transient periodicity and episodic predictability in biological dynamics. <i>Mathematical Medicine and Biology</i> , 1993, 10, 227-247.	0.8	31
48	Growth and life history variability of the grey reef shark (<i>Carcharhinus amblyrhynchos</i>) across its range. <i>PLoS ONE</i> , 2017, 12, e0172370.	1.1	29
49	Predicting the evolutionary consequences of trophy hunting on a quantitative trait. <i>Journal of Wildlife Management</i> , 2018, 82, 46-56.	0.7	25
50	Transient periodicity in chaos. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1993, 177, 13-20.	0.9	24
51	Impacts of sea level rise and climate change on coastal plant species in the central California coast. <i>PeerJ</i> , 2015, 3, e958.	0.9	24
52	ANALYSIS OF SIZE TRAJECTORY DATA USING AN ENERGETIC-BASED GROWTH MODEL. <i>Ecology</i> , 2005, 86, 1441-1451.	1.5	22
53	Fishery management priorities vary with self-recruitment in sedentary marine populations. <i>Ecological Applications</i> , 2014, 24, 1490-1504.	1.8	20
54	Interspecific interactions and range limits: contrasts among interaction types. <i>Theoretical Ecology</i> , 2017, 10, 167-179.	0.4	20

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55	Effects of community-level grassland management on the non-target rare annual <i>Agalinis auriculata</i> . <i>Biological Conservation</i> , 2009, 142, 798-805.	1.9	18
56	Inferring Colonization Processes from Population Dynamics in Spatially Structured Predator-Prey Systems. <i>Ecology</i> , 2000, 81, 3350.	1.5	16
57	Some directions in ecological theory. <i>Ecology</i> , 2015, 96, 3117-3125.	1.5	14
58	Landscape effects on wild <i>Bombus terrestris</i> (Hymenoptera: Apidae) queens visiting highbush blueberry fields in south-central Chile. <i>Apidologie</i> , 2016, 47, 711-716.	0.9	14
59	Within Reach? Habitat Availability as a Function of Individual Mobility and Spatial Structuring. <i>American Naturalist</i> , 2020, 195, 1009-1026.	1.0	13
60	A statistical symphony. , 2015, , 149-167.		13
61	Consequences of Dispersal Heterogeneity for Population Spread and Persistence. <i>Bulletin of Mathematical Biology</i> , 2014, 76, 2681-2710.	0.9	10
62	Comments to "Persistent problems in the construction of matrix population models". <i>Ecological Modelling</i> , 2020, 416, 108913.	1.2	8
63	INFERRING COLONIZATION PROCESSES FROM POPULATION DYNAMICS IN SPATIALLY STRUCTURED PREDATOR-Prey SYSTEMS. <i>Ecology</i> , 2000, 81, 3350-3361.	1.5	7
64	Analogies for a No-Analog World: Tackling Uncertainties in Reintroduction Planning. <i>Trends in Ecology and Evolution</i> , 2020, 35, 551-554.	4.2	6
65	Boldness-aggression syndromes can reduce population density: behavior and demographic heterogeneity. <i>Behavioral Ecology</i> , 2018, 29, 31-41.	1.0	5
66	Predicting coral community recovery using multi-species population dynamics models. <i>Ecology Letters</i> , 2019, 22, 605-615.	3.0	5
67	Estimating relative risk of within-lake aquatic plant invasion using combined measures of recreational boater movement and habitat suitability. <i>PeerJ</i> , 2015, 3, e845.	0.9	5
68	The diffusion approximation overestimates the extinction risk for count-based PVA. <i>Conservation Letters</i> , 2009, 2, 216-225.	2.8	4
69	Distinguishing local and global correlates of population change in migratory species. <i>Diversity and Distributions</i> , 2019, 25, 797-808.	1.9	4
70	The role of scale in designing protected area systems to conserve poorly known species. <i>Ecosphere</i> , 2015, 6, 1-17.	1.0	3
71	Locating gaps in the California Current System ocean acidification monitoring network. <i>Science Progress</i> , 2020, 103, 36850420936204.	1.0	1
72	Using Chaos to Understand Biological Dynamics. , 1994, , 184-203.		1