

# Brian Dennis

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

2,380  
citations

430874

18  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Density Dependence in Time Series Observations of Natural Populations: Estimation and Testing. <i>Ecological Monographs</i> , 1994, 64, 205-224.	5.4	503
2	ESTIMATING DENSITY DEPENDENCE, PROCESS NOISE, AND OBSERVATION ERROR. <i>Ecological Monographs</i> , 2006, 76, 323-341.	5.4	358
3	Sixty years of environmental change in the world's largest freshwater lake – Lake Baikal, Siberia. <i>Global Change Biology</i> , 2008, 14, 1947-1958.	9.5	288
4	Data cloning: easy maximum likelihood estimation for complex ecological models using Bayesian Markov chain Monte Carlo methods. <i>Ecology Letters</i> , 2007, 10, 551-563.	6.4	234
5	ESTIMATING CHAOS AND COMPLEX DYNAMICS IN AN INSECT POPULATION. <i>Ecological Monographs</i> , 2001, 71, 277-303.	5.4	184
6	ESTIMATING POPULATION TREND AND PROCESS VARIATION FOR PVA IN THE PRESENCE OF SAMPLING ERROR. <i>Ecology</i> , 2004, 85, 923-929.	3.2	94
7	COMPLEX POPULATION DYNAMICS IN THE REAL WORLD: MODELING THE INFLUENCE OF TIME-VARYING PARAMETERS AND TIME LAGS. <i>Ecology</i> , 1998, 79, 2193-2209.	3.2	87
8	COMMUNITY INTERACTION WEBS AND ZOOPLANKTON RESPONSES TO PLANKTIVORY MANIPULATIONS. <i>Ecology</i> , 1999, 80, 1405-1421.	3.2	84
9	Resonant Population Cycles in Temporally Fluctuating Habitats. <i>Bulletin of Mathematical Biology</i> , 1998, 60, 247-273.	1.9	80
10	Allee effects and resilience in stochastic populations. <i>Theoretical Ecology</i> , 2016, 9, 323-335.	1.0	72
11	Replicated sampling increases efficiency in monitoring biological populations. <i>Ecology</i> , 2010, 91, 610-620.	3.2	63
12	Hierarchical models in ecology: confidence intervals, hypothesis testing, and model selection using data cloning. <i>Ecology</i> , 2009, 90, 356-362.	3.2	62
13	Chaos and population control of insect outbreaks. <i>Ecology Letters</i> , 2001, 4, 229-235.	6.4	57
14	Park's Tribolium competition experiments: a non-equilibrium species coexistence hypothesis. <i>Journal of Animal Ecology</i> , 2003, 72, 703-712.	2.8	55
15	Multiple Attractors, Saddles, and Population Dynamics in Periodic Habitats. <i>Bulletin of Mathematical Biology</i> , 1999, 61, 1121-1149.	1.9	45
16	Paths to statistical fluency for ecologists. <i>Frontiers in Ecology and the Environment</i> , 2010, 8, 362-370.	4.0	30
17	Predicting numbers of hauled-out harbour seals: a mathematical model. <i>Journal of Applied Ecology</i> , 2005, 42, 108-117.	4.0	24
18	Survival and Passage of Ingested New Zealand Mudsnaills through the Intestinal Tract of Rainbow Trout. <i>North American Journal of Aquaculture</i> , 2009, 71, 287-301.	1.4	19

#	ARTICLE	IF	CITATIONS
19	Lateral spread of invasive <i>Spartina alterniflora</i> in uncrowded environments. <i>Biological Invasions</i> , 2011, 13, 401-411.	2.4	16
20	Ecological change points: The strength of density dependence and the loss of history. <i>Theoretical Population Biology</i> , 2018, 121, 45-59.	1.1	7
21	Effects of sampling error and temporal correlations in population growth on process variance estimators. <i>Environmental and Ecological Statistics</i> , 2009, 16, 547-560.	3.5	6
22	Allee Effects in Ecology and Conservation BY FRANCK COURCHAMP, LUDEK BEREĆ AND JOANNA GASCOIGNE x + 256 pp., 24 Å— 16 Å— 1.5 cm, ISBN 978 0 19 857030 1 hardback, GB£ 44.95, Oxford, UK: Oxford University Press, 2008. <i>Environmental Conservation</i> , 2009, 36, 80.		6
23	Estimating Chaos and Complex Dynamics in an Insect Population. <i>Ecological Monographs</i> , 2001, 71, 277.	5.4	6
24	A reply to Millsbaugh and Gitzen. <i>Frontiers in Ecology and the Environment</i> , 2010, 8, 515-516.	4.0	0