

# Shane A Richards

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

3,854  
citations

201674

27  
h-index

155660

55  
g-index

59  
all docs

59  
docs citations

59  
times ranked

6117  
citing authors

#	ARTICLE	IF	CITATIONS
1	The interaction between predation and competition: a review and synthesis. <i>Ecology Letters</i> , 2002, 5, 302-315.	6.4	596
2	Dealing with overdispersed count data in applied ecology. <i>Journal of Applied Ecology</i> , 2008, 45, 218-227.	4.0	505
3	TESTING ECOLOGICAL THEORY USING THE INFORMATION-THEORETIC APPROACH: EXAMPLES AND CAUTIONARY RESULTS. <i>Ecology</i> , 2005, 86, 2805-2814.	3.2	475
4	Model selection and model averaging in behavioural ecology: the utility of the IT-AIC framework. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 77-89.	1.4	426
5	The accumulation of un-repairable DNA damage in laminopathy progeria fibroblasts is caused by ROS generation and is prevented by treatment with N-acetyl cysteine. <i>Human Molecular Genetics</i> , 2011, 20, 3997-4004.	2.9	130
6	Prevalence, thresholds and the performance of presence-absence models. <i>Methods in Ecology and Evolution</i> , 2014, 5, 54-64.	5.2	125
7	OPTIMAL FIRE MANAGEMENT FOR MAINTAINING COMMUNITY DIVERSITY. , 1999, 9, 880-892.		120
8	Linking Angling Catch Rates and Fish Learning under Catch-and-Release Regulations. <i>North American Journal of Fisheries Management</i> , 2006, 26, 1020-1029.	1.0	113
9	Fish body sizes change with temperature but not all species shrink with warming. <i>Nature Ecology and Evolution</i> , 2020, 4, 809-814.	7.8	103
10	Folate Acts in <i>E. coli</i> to Accelerate <i>C. elegans</i> Aging Independently of Bacterial Biosynthesis. <i>Cell Reports</i> , 2016, 14, 1611-1620.	6.4	81
11	Modulation of Global Low-Frequency Motions Underlies Allosteric Regulation: Demonstration in CRP/FNR Family Transcription Factors. <i>PLoS Biology</i> , 2013, 11, e1001651.	5.6	71
12	Human observers impact habituated samango monkeys' perceived landscape of fear. <i>Behavioral Ecology</i> , 2014, 25, 1199-1204.	2.2	68
13	Facilitated transport and diffusion take distinct spatial routes through the nuclear pore complex. <i>Journal of Cell Science</i> , 2010, 123, 2773-2780.	2.0	60
14	EFFECTS OF REPRODUCTIVE COMPENSATION, GAMETE DISCOUNTING AND REPRODUCTIVE ASSURANCE ON MATING-SYSTEM DIVERSITY IN HERMAPHRODITES. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 157-172.	2.3	56
15	Variation in Pollination: Causes and Consequences for Plant Reproduction. <i>American Naturalist</i> , 2009, 174, 382-398.	2.1	54
16	Foraging trade-offs and resource patchiness: theory and experiments with a freshwater snail community. <i>Ecology Letters</i> , 2001, 4, 304-312.	6.4	52
17	Grazers and Diggers: Exploitation Competition and Coexistence among Foragers with Different Feeding Strategies on a Single Resource. <i>American Naturalist</i> , 2000, 155, 266-279.	2.1	50
18	MULTIPLE STABLE EQUILIBRIA IN GRASSLANDS MEDIATED BY HERBIVORE POPULATION DYNAMICS AND FORAGING BEHAVIOR. <i>Ecology</i> , 2003, 84, 2891-2904.	3.2	44

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19	Nonlinear ionizing radiation-induced changes in eye lens cell proliferation, cyclin D1 expression and lens shape. <i>Open Biology</i> , 2015, 5, 150011.	3.6	42
20	Diel vertical migration: modelling light-mediated mechanisms. <i>Journal of Plankton Research</i> , 1996, 18, 2199-2222.	1.8	40
21	A framework for incorporating sense of place into the management of marine systems. <i>Ecology and Society</i> , 2018, 23, .	2.3	39
22	The Role of Protein-Ligand Contacts in Allosteric Regulation of the Escherichia coli Catabolite Activator Protein. <i>Journal of Biological Chemistry</i> , 2015, 290, 22225-22235.	3.4	37
23	The population ecology of male gametophytes: the link between pollination and seed production. <i>Ecology Letters</i> , 2016, 19, 497-509.	6.4	36
24	Demonstrating frequency-dependent transmission of sarcoptic mange in red foxes. <i>Biology Letters</i> , 2014, 10, 20140524.	2.3	34
25	Assessing the future threat from vivax malaria in the United Kingdom using two markedly different modelling approaches. <i>Malaria Journal</i> , 2010, 9, 70.	2.3	33
26	Likelihood and model selection. , 2015, , 58-80.		30
27	OsSFR6 is a functional rice orthologue of SENSITIVE TO FREEZING and can act as a regulator of <i>COR151A</i> gene expression, osmotic stress and freezing tolerance in Arabidopsis. <i>New Phytologist</i> , 2011, 191, 984-995.	7.3	29
28	Contrasting Life Histories in Neighbouring Populations of a Large Mammal. <i>PLoS ONE</i> , 2011, 6, e28002.	2.5	27
29	Variation in Female Grey Seal ( <i>Halichoerus grypus</i> ) Reproductive Performance Correlates to Proactive-Reactive Behavioural Types. <i>PLoS ONE</i> , 2012, 7, e49598.	2.5	27
30	Entry into the nuclear pore complex is controlled by a cytoplasmic exclusion zone containing dynamic GLFG-repeat nucleoporin domains. <i>Journal of Cell Science</i> , 2014, 127, 124-36.	2.0	25
31	Demography of a carnivore, the red fox, <i>Vulpes vulpes</i> : what have we learnt from 70 years of published studies?. <i>Oikos</i> , 2013, 122, 705-716.	2.7	23
32	Diverse ecological relations of male gametophyte populations in styler environments. <i>American Journal of Botany</i> , 2016, 103, 484-497.	1.7	23
33	Population-scale treatment informs solutions for control of environmentally transmitted wildlife disease. <i>Journal of Applied Ecology</i> , 2019, 56, 2363-2375.	4.0	22
34	Linking inter-annual variation in environment, phenology, and abundance for a montane butterfly community. <i>Ecology</i> , 2020, 101, e02906.	3.2	22
35	The Energetic Cost of Reproduction and Its Effect on Optimal Life-History Strategies. <i>American Naturalist</i> , 2018, 192, E150-E162.	2.1	20
36	Samango Monkeys ( <i>Cercopithecus albogularis labiatus</i> ) Manage Risk in a Highly Seasonal, Human-Modified Landscape in Amathole Mountains, South Africa. <i>International Journal of Primatology</i> , 2017, 38, 194-206.	1.9	16

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37	Efficacy of beehive fences as barriers to African elephants: a case study in Tanzania. <i>Oryx</i> , 2019, 53, 92-99.	1.0	15
38	Uncertainty in Population Growth Rates: Determining Confidence Intervals from Point Estimates of Parameters. <i>PLoS ONE</i> , 2010, 5, e13628.	2.5	15
39	Effects of pollination intensity on offspring number and quality in a wind-pollinated herb. <i>Journal of Ecology</i> , 2017, 105, 197-208.	4.0	14
40	Using community photography to investigate phenology: A case study of coat molt in the mountain goat ( <i>Oreamnos americanus</i> ) with missing data. <i>Ecology and Evolution</i> , 2020, 10, 13488-13499.	1.9	14
41	When is habitat assessment an advantage when foraging?. <i>Animal Behaviour</i> , 2001, 61, 1101-1112.	1.9	13
42	Intraseasonal Variation in Reproductive Effort: Young Males Finish Last. <i>American Naturalist</i> , 2012, 180, 823-830.	2.1	13
43	Parsimonious model selection using information theory: a modified selection rule. <i>Ecology</i> , 2021, 102, e03475.	3.2	13
44	Selection for intermediate mortality and reproduction rates in a spatially structured population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 2383-2388.	2.6	12
45	Functional traits explain trophic allometries of cephalopods. <i>Journal of Animal Ecology</i> , 2020, 89, 2692-2703.	2.8	12
46	Canopy damage during a natural drought depends on species identity, physiology and stand composition. <i>New Phytologist</i> , 2022, 233, 2058-2070.	7.3	12
47	HOW DEPRESSED? ESTIMATES OF INBREEDING EFFECTS DURING SEED DEVELOPMENT DEPEND ON REPRODUCTIVE CONDITIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 1375-1386.	2.3	10
48	Fluralaner as a novel treatment for sarcoptic mange in the bare-nosed wombat ( <i>Vombatus ursinus</i> ): safety, pharmacokinetics, efficacy and practicable use. <i>Parasites and Vectors</i> , 2021, 14, 18.	2.5	10
49	Evolution in a spatially structured population subject to rare epidemics. <i>Physical Review E</i> , 2001, 63, 041908.	2.1	9
50	Does Litter Size Variation Affect Models of Terrestrial Carnivore Extinction Risk and Management?. <i>PLoS ONE</i> , 2013, 8, e58060.	2.5	6
51	Adaptive Feeding across Environmental Gradients and Its Effect on Population Dynamics. <i>Theoretical Population Biology</i> , 2000, 57, 377-390.	1.1	5
52	Mate-guarding by male mandrills ( <i>Mandrillus sphinx</i> ) is associated with female MHC genotype. <i>Behavioral Ecology</i> , 0, , arw106.	2.2	5
53	Influence of live-capture on risk perceptions of habituated samango monkeys. <i>Journal of Mammalogy</i> , 2016, 97, 1461-1468.	1.3	5
54	Perceptions of system-identity and regime shift for marine ecosystems. <i>ICES Journal of Marine Science</i> , 2019, 76, 1736-1747.	2.5	5

#	ARTICLE	IF	CITATIONS
55	Mechanisms of Male-Male Interference during Dispersal of Orchid Pollen. American Naturalist, 2021, 197, 250-265.	2.1	4
56	The importance of the epithelial fibre cell interface to lens regeneration in an in vivo rat model and in a human bag-in-the-lens (BiL) sample. Experimental Eye Research, 2021, 213, 108808.	2.6	4
57	OPTIMAL FORAGING AMONG COMPETITORS AND PREDATORS: A STATE-DEPENDENT MODEL INCORPORATING GAME THEORY. Israel Journal of Zoology, 2004, 50, 170-185.	0.2	1
58	Optimal Fire Management for Maintaining Community Diversity. , 1999, 9, 880.		1