Shane A Richards

List of Publications by Year
in descending order

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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	Canopy damage during a natural drought depends on species identity, physiology and stand composition. New Phytologist, 2022, 233, 2058-2070.	7.3	12
2	Mechanisms of Male-Male Interference during Dispersal of Orchid Pollen. American Naturalist, 2021, 197, 250-265.	2.1	4
3	Fluralaner as a novel treatment for sarcoptic mange in the bare-nosed wombat (Vombatus ursinus): safety, pharmacokinetics, efficacy and practicable use. Parasites and Vectors, 2021, 14, 18.	2.5	10
4	Parsimonious model selection using information theory: a modified selection rule. Ecology, 2021, 102, e03475.	3.2	13
5	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
6	Linking interâ€annual variation in environment, phenology, and abundance for a montane butterfly community. Ecology, 2020, 101, e02906.	3.2	22
7	Functional traits explain trophic allometries of cephalopods. Journal of Animal Ecology, 2020, 89, 2692-2703.	2.8	12
8	Using community photography to investigate phenology: A case study of coat molt in the mountain goat (Oreamnos americanus) with missing data. Ecology and Evolution, 2020, 10, 13488-13499.	1.9	14
9	Fish body sizes change with temperature but not all species shrink with warming. Nature Ecology and Evolution, 2020, 4, 809-814.	7.8	103
10	Efficacy of beehive fences as barriers to African elephants: a case study in Tanzania. Oryx, 2019, 53, 92-99.	1.0	15
11	Populationâ€scale treatment informs solutions for control of environmentally transmitted wildlife disease. Journal of Applied Ecology, 2019, 56, 2363-2375.	4.0	22
12	Perceptions of system-identity and regime shift for marine ecosystems. ICES Journal of Marine Science, 2019, 76, 1736-1747.	2.5	5
13	A framework for incorporating sense of place into the management of marine systems. Ecology and Society, 2018, 23, .	2.3	39
14	The Energetic Cost of Reproduction and Its Effect on Optimal Life-History Strategies. American Naturalist, 2018, 192, E150-E162.	2.1	20
15	Samango Monkeys (Cercopithecus albogularis labiatus) Manage Risk in a Highly Seasonal, Human-Modified Landscape in Amathole Mountains, South Africa. International Journal of Primatology, 2017, 38, 194-206.	1.9	16
16	Effects of pollination intensity on offspring number and quality in a windâ€pollinated herb. Journal of Ecology, 2017, 105, 197-208.	4.0	14
17	The population ecology of male gametophytes: the link between pollination and seed production. Ecology Letters, 2016, 19, 497-509.	6.4	36
18	Influence of live-capture on risk perceptions of habituated samango monkeys. Journal of Mammalogy, 2016, 97, 1461-1468.	1.3	5

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19	Folate Acts in E.Âcoli to Accelerate C.Âelegans Aging Independently of Bacterial Biosynthesis. Cell Reports, 2016, 14, 1611-1620.	6.4	81
20	Diverse ecological relations of male gametophyte populations in stylar environments. American Journal of Botany, 2016, 103, 484-497.	1.7	23
21	Nonlinear ionizing radiation-induced changes in eye lens cell proliferation, cyclin D1 expression and lens shape. Open Biology, 2015, 5, 150011.	3.6	42
22	The Role of Protein-Ligand Contacts in Allosteric Regulation of the Escherichia coli Catabolite Activator Protein. Journal of Biological Chemistry, 2015, 290, 22225-22235.	3.4	37
23	Likelihood and model selection. , 2015, , 58-80.		30
24	Entry into the nuclear pore complex is controlled by a cytoplasmic exclusion zone containing dynamic GLFG-repeat nucleoporin domains. Journal of Cell Science, 2014, 127, 124-36.	2.0	25
25	Prevalence, thresholds and the performance of presenceâ€“absence models. Methods in Ecology and Evolution, 2014, 5, 54-64.	5.2	125
26	Human observers impact habituated samango monkeysâ€™ perceived landscape of fear. Behavioral Ecology, 2014, 25, 1199-1204.	2.2	68
27	Demonstrating frequency-dependent transmission of sarcoptic mange in red foxes. Biology Letters, 2014, 10, 20140524.	2.3	34
28	Demography of a carnivore, the red fox, Vulpes vulpes: what have we learnt from 70 years of published studies?. Oikos, 2013, 122, 705-716.	2.7	23
29	Modulation of Global Low-Frequency Motions Underlies Allosteric Regulation: Demonstration in CRP/FNR Family Transcription Factors. PLoS Biology, 2013, 11, e1001651.	5.6	71
30	Does Litter Size Variation Affect Models of Terrestrial Carnivore Extinction Risk and Management?. PLoS ONE, 2013, 8, e58060.	2.5	6
31	Intraseasonal Variation in Reproductive Effort: Young Males Finish Last. American Naturalist, 2012, 180, 823-830.	2.1	13
32	Variation in Female Grey Seal (Halichoerus grypus) Reproductive Performance Correlates to Proactive-Reactive Behavioural Types. PLoS ONE, 2012, 7, e49598.	2.5	27
33	HOW DEPRESSED? ESTIMATES OF INBREEDING EFFECTS DURING SEED DEVELOPMENT DEPEND ON REPRODUCTIVE CONDITIONS. Evolution; International Journal of Organic Evolution, 2012, 66, 1375-1386.	2.3	10
34	Contrasting Life Histories in Neighbouring Populations of a Large Mammal. PLoS ONE, 2011, 6, e28002.	2.5	27
35	OsSFR6 is a functional rice orthologue of SENSITIVE TO FREEZINGâ€6 and can act as a regulator of COR gene expression, osmotic stress and freezing tolerance in Arabidopsis. New Phytologist, 2011, 191, 984-995.	7.3	29
36	Model selection and model averaging in behavioural ecology: the utility of the IT-AIC framework. Behavioral Ecology and Sociobiology, 2011, 65, 77-89.	1.4	426

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37	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. Human Molecular Genetics, 2011, 20, 3997-4004.	2.9	130
38	Assessing the future threat from vivax malaria in the United Kingdom using two markedly different modelling approaches. Malaria Journal, 2010, 9, 70.	2.3	33
39	Facilitated transport and diffusion take distinct spatial routes through the nuclear pore complex. Journal of Cell Science, 2010, 123, 2773-2780.	2.0	60
40	Uncertainty in Population Growth Rates: Determining Confidence Intervals from Point Estimates of Parameters. PLoS ONE, 2010, 5, e13628.	2.5	15
41	Variation in Pollination: Causes and Consequences for Plant Reproduction. American Naturalist, 2009, 174, 382-398.	2.1	54
42	Dealing with overdispersed count data in applied ecology. Journal of Applied Ecology, 2008, 45, 218-227.	4.0	505
43	EFFECTS OF REPRODUCTIVE COMPENSATION, GAMETE DISCOUNTING AND REPRODUCTIVE ASSURANCE ON MATING-SYSTEM DIVERSITY IN HERMAPHRODITES. Evolution; International Journal of Organic Evolution, 2008, 62, 157-172.	2.3	56
44	Linking Angling Catch Rates and Fish Learning under Catch-and-Release Regulations. North American Journal of Fisheries Management, 2006, 26, 1020-1029.	1.0	113
45	TESTING ECOLOGICAL THEORY USING THE INFORMATION-THEORETIC APPROACH: EXAMPLES AND CAUTIONARY RESULTS. Ecology, 2005, 86, 2805-2814.	3.2	475
46	OPTIMAL FORAGING AMONG COMPETITORS AND PREDATORS: A STATE-DEPENDENT MODEL INCORPORATING GAME THEORY. Israel Journal of Zoology, 2004, 50, 170-185.	0.2	1
47	MULTIPLE STABLE EQUILIBRIA IN GRASSLANDS MEDIATED BY HERBIVORE POPULATION DYNAMICS AND FORAGING BEHAVIOR. Ecology, 2003, 84, 2891-2904.	3.2	44
48	The interaction between predation and competition: a review and synthesis. Ecology Letters, 2002, 5, 302-315.	6.4	596
49	Foraging trade-offs and resource patchiness: theory and experiments with a freshwater snail community. Ecology Letters, 2001, 4, 304-312.	6.4	52
50	When is habitat assessment an advantage when foraging?. Animal Behaviour, 2001, 61, 1101-1112.	1.9	13
51	Evolution in a spatially structured population subject to rare epidemics. Physical Review E, 2001, 63, 041908.	2.1	9
52	Adaptive Feeding across Environmental Gradients and Its Effect on Population Dynamics. Theoretical Population Biology, 2000, 57, 377-390.	1.1	5
53	Grazers and Diggers: Exploitation Competition and Coexistence among Foragers with Different Feeding Strategies on a Single Resource. American Naturalist, 2000, 155, 266-279.	2.1	50
54	Selection for intermediate mortality and reproduction rates in a spatially structured population. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 2383-2388.	2.6	12

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55	OPTIMAL FIRE MANAGEMENT FOR MAINTAINING COMMUNITY DIVERSITY. , 1999, 9, 880-892.		120
56	Optimal Fire Management for Maintaining Community Diversity. , 1999, 9, 880.		1
57	Diel vertical migration: modelling light-mediated mechanisms. Journal of Plankton Research, 1996, 18, 2199-2222.	1.8	40
58	Mate-guarding by male mandrills (Mandrillus sphinx) is associated with female MHC genotype. Behavioral Ecology, 0, , arw106.	2.2	5