Samantha J Low-Choy

List of Publications by Year
in descending order

49 papers	2,726 citations	394286 19 h-index	254106 43 g-index
53 all docs	53 docs citations	53 times ranked	4903 citing authors

#	Article	IF	Citations
1	Zero tolerance ecology: improving ecological inference by modelling the source of zero observations. Ecology Letters, 2005, 8, 1235-1246.	3.0	712
2	Eliciting Expert Knowledge in Conservation Science. Conservation Biology, 2012, 26, 29-38.	2.4	591
3	Species Richness on Coral Reefs and the Pursuit of Convergent Global Estimates. Current Biology, 2015, 25, 500-505.	1.8	282
4	Elicitation by design in ecology: using expert opinion to inform priors for Bayesian statistical models. Ecology, 2009, 90, 265-277.	1.5	196
5	How useful is expert opinion for predicting the distribution of a species within and beyond the region of expertise? A case study using brush-tailed rock-wallabies *Petrogale penicillata*. Journal of Applied Ecology, 2009, 46, 842-851.	1.9	128
6	Methodology for assessing exposure and impacts of air pollutants in school children: Data collection, analysis and health effects – A literature review. Atmospheric Environment, 2011, 45, 813-823.	1.9	99
7	Effects of exposure to ambient ultrafine particles on respiratory health and systemic inflammation in children. Environment International, 2018, 114, 167-180.	4.8	85
8	Combining Expert Opinions in Prior Elicitation. Bayesian Analysis, 2012, 7, .	1.6	76
9	Elicitator: An expert elicitation tool for regression in ecology. Environmental Modelling and Software, 2010, 25, 129-145.	1.9	72
10	Species distribution models can be highly sensitive to algorithm configuration. Ecological Modelling, 2019, 408, 108719.	1.2	51
11	Comparison of three expert elicitation methods for logistic regression on predicting the presence of the threatened brush-tailed rock-wallaby *Petrogale penicillata*. Environmetrics, 2009, 20, 379-398.	0.6	47
12	Australian plant biosecurity surveillance systems. Crop Protection, 2017, 100, 8-20.	1.0	44
13	The importance of ecological scale for wildlife conservation in naturally fragmented environments: A case study of the brush-tailed rock-wallaby (Petrogale penicillata). Biological Conservation, 2008, 141, 7-22.	1.9	41
14	Using the Generalised Additive Model to model the particle number count of ultrafine particles. Atmospheric Environment, 2011, 45, 5934-5945.	1.9	41
15	What is an expert? A systems perspective on expertise. Ecology and Evolution, 2014, 4, 231-242.	0.8	27
16	Integrating Bayesian networks and geographic information systems: Good practice examples. Integrated Environmental Assessment and Management, 2012, 8, 473-479.	1.6	25
17	Tuning into the real effect of smartphone use on parenting: a multiverse analysis. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2020, 61, 855-865.	3.1	24
18	Evaluating model transferability for a threatened species to adjacent areas: Implications for rock-wallaby conservation. Austral Ecology, 2011, 36, 76-89.	0.7	21

#	Article	IF	Citations
19	Predicting loss and fragmentation of habitat of the vulnerable subtropical rainforest tree Macadamia integrifolia with models developed from compiled ecological data. Biological Conservation, 2010, 143, 1385-1396.	1.9	20
20	A Bayesian approach to the determination of ignition delay. Applied Thermal Engineering, 2013, 60, 79-87.	3.0	20
21	Bayesian Classification and Regression Trees for Predicting Incidence of Cryptosporidiosis. PLoS ONE, 2011, 6, e23903.	1.1	13
22	NAPLAN discourses: a systematic review after the first decade. Discourse, 2020, 41, 871-886.	1.1	11
23	Understanding Uncertainties in Non-Linear Population Trajectories: A Bayesian Semi-Parametric Hierarchical Approach to Large-Scale Surveys of Coral Cover. PLoS ONE, 2014, 9, e110968.	1.1	10
24	A Bayesian hurdle model for analysis of an insect resistance monitoring database. Environmental and Ecological Statistics, 2015, 22, 207-226.	1.9	10
25	Using Bayesian statistical modelling as a bridge between quantitative and qualitative analyses: illustrated via analysis of an online teaching tool. Educational Media International, 2017, 54, 317-359.	0.9	10
26	The Process of Patient Engagement in Cardiac Rehabilitation: A Model-Centric Systematic Review. Behaviour Change, 2018, 35, 185-202.	0.6	6
27	Expert Opinion Valuation Method to Quantify Digital Water Metering Benefits. Water (Switzerland), 2020, 12, 1436.	1.2	6
28	A Bayesian spatiotemporal model of panel design data: Airborne particle number concentration in Brisbane, Australia. Environmetrics, 2019, 30, e2597.	0.6	5
29	A software tool for elicitation of expert knowledge about species richness or similar counts. Environmental Modelling and Software, 2011, 30, 1-1.	1.9	4
30	Elicitator: A User-Friendly, Interactive Tool to Support Scenario-Based Elicitation of Expert Knowledge. , 2012, , 39-67.		4
31	The Process of Patient Engagement in Outpatient Cardiac Rehabilitation Programs. Behaviour Change, 2019, 36, 233-251.	0.6	4
32	Does feedback improve psychotherapy outcomes compared to treatment-as-usual for adults and youth?. Psychotherapy Research, 2020, 30, 310-324.	1.1	4
33	Maternal Parenting Stress Following Paternal or Close Family Incarceration: Bayesian Model-Based Profiling Using the HILDA Longitudinal Survey. Journal of Quantitative Criminology, 2020, 36, 753-778.	2.0	4
34	Social awareness and engagement in undergraduate music students: Generating a foundation for curriculum decisions. Research Studies in Music Education, 2020, , 1321103X1989917.	0.8	4
35	The influence of transition prompt wording on response informativeness and rapidity of disclosure in child forensic interviews.. Psychology, Public Policy, and Law, 2022, 28, 255-266.	0.9	4
36	Using Bayesian Mixture Models That Combine Expert Knowledge and GIS Data to Define Ecoregions. , 2012, , 229-251.		3

#	ARTICLE	IF	CITATIONS
37	Quantifying conditional probability tables in Bayesian networks: Bayesian regression for scenario-based encoding of elicited expert assessments on feral pig habitat. Journal of Applied Statistics, 2020, 47, 1848-1884.	0.6	3
38	Characterising Uncertainty in Expert Assessments: Encoding Heavily Skewed Judgements. PLoS ONE, 2015, 10, e0141697.	1.1	3
39	Spatial Dependence in Anthracnose Development in Mixtures of Stylosanthes scabra. Journal of Phytopathology, 1995, 143, 693-699.	0.5	2
40	Bivariate Binary Data with Missing Values: Analysis of a Field Experiment to Investigate Chemical Attractants of Wild Dogs. Journal of Agricultural, Biological, and Environmental Statistics, 1999, 4, 57.	0.7	2
41	Commentary response: Smartphone use and parenting: reâ€stratifying the multiverse for families of young children. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1497-1500.	3.1	2
42	A statistical model for combustion resonance from a DI diesel engine with applications. Mechanical Systems and Signal Processing, 2015, 60-61, 406-419.	4.4	1
43	Coming to know collectively: a gothic tale of method, metaphor and madness in the academy. International Journal of Qualitative Studies in Education, 2020, 33, 1089-1102.	0.8	1
44	Psycho-sensory relationships in chronic pain. British Journal of Pain, 2021, 15, 134-146.	0.7	1
45	Modeling individualized trajectories of symptom change to improve feedback procedures in psychotherapy.. Journal of Consulting and Clinical Psychology, 2021, 89, 34-48.	1.6	1
46	Preservice teacher perceptions of preparedness for teaching: Insights from survey research exploring the links between teacher professional standards and agency. British Educational Research Journal, 0, , .	1.4	1
47	The Impact of Socio-environmental Barriers on the Process of Engagement in Cardiac Rehabilitation Programs. Behaviour Change, 2020, 37, 130-150.	0.6	0
48	Modern Pedagogical Approaches to Teaching Mixed Methods to Social Science Researchers. , 0, , .		0
49	The Impact of Place-Based Services on Child Maltreatment: Evaluation Through Big Data Linkage and Analytics. Child Maltreatment, 2022, , 31-49.	0.6	0