

# Mark A Burgman

## List of Publications by Year in descending order

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Version: 2024-02-01

189  
papers

13,316  
citations

25034

57  
h-index

30922

102  
g-index

191  
all docs

191  
docs citations

191  
times ranked

14050  
citing authors

#	ARTICLE	IF	CITATIONS
1	A TAXONOMY AND TREATMENT OF UNCERTAINTY FOR ECOLOGY AND CONSERVATION BIOLOGY. , 2002, 12, 618-628.		615
2	Eliciting Expert Knowledge in Conservation Science. Conservation Biology, 2012, 26, 29-38.	4.7	591
3	A checklist for ecological management of landscapes for conservation. Ecology Letters, 2008, 11, 78-91.	6.4	518
4	Predictive accuracy of population viability analysis in conservation biology. Nature, 2000, 404, 385-387.	27.8	517
5	Limits to the use of threatened species lists. Trends in Ecology and Evolution, 2002, 17, 503-507.	8.7	399
6	Scientific Foundations for an IUCN Red List of Ecosystems. PLoS ONE, 2013, 8, e62111.	2.5	383
7	Bias in species range estimates from minimum convex polygons: implications for conservation and options for improved planning. Animal Conservation, 2003, 6, 19-28.	2.9	376
8	ROBUST DECISION-MAKING UNDER SEVERE UNCERTAINTY FOR CONSERVATION MANAGEMENT. , 2005, 15, 1471-1477.		318
9	Clarifying values, risk perceptions, and attitudes to resolve or avoid social conflicts in invasive species management. Conservation Biology, 2015, 29, 19-30.	4.7	271
10	Reducing Overconfidence in the Interval Judgments of Experts. Risk Analysis, 2010, 30, 512-523.	2.7	251
11	Measuring and Incorporating Vulnerability into Conservation Planning. Environmental Management, 2005, 35, 527-543.	2.7	246
12	A practical guide to structured expert elicitation using the IDEA protocol. Methods in Ecology and Evolution, 2018, 9, 169-180.	5.2	244
13	TEASing apart alien species risk assessments: a framework for best practices. Ecology Letters, 2012, 15, 1475-1493.	6.4	241
14	Making Consistent IUCN Classifications under Uncertainty. Conservation Biology, 2000, 14, 1001-1013.	4.7	236
15	Expert Status and Performance. PLoS ONE, 2011, 6, e22998.	2.5	227
16	Mapping epistemic uncertainties and vague concepts in predictions of species distribution. Ecological Modelling, 2002, 157, 313-329.	2.5	221
17	Sensitivity analysis for models of population viability. Biological Conservation, 1995, 73, 93-100.	4.1	199
18	Practical solutions for making models indispensable in conservation decision-making. Diversity and Distributions, 2013, 19, 490-502.	4.1	186

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19	General rules for managing and surveying networks of pests, diseases, and endangered species. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8323-8328.	7.1	177
20	Redefining expertise and improving ecological judgment. Conservation Letters, 2011, 4, 81-87.	5.7	160
21	ESTIMATING AND DEALING WITH DETECTABILITY IN OCCUPANCY SURVEYS FOR FOREST OWLS AND ARBOREAL MARSUPIALS. Journal of Wildlife Management, 2005, 69, 905-917.	1.8	155
22	MANAGING LANDSCAPES FOR CONSERVATION UNDER UNCERTAINTY. Ecology, 2005, 86, 2007-2017.	3.2	152
23	Policy advice: Use experts wisely. Nature, 2015, 526, 317-318.	27.8	147
24	The IUCN Red List of Ecosystems: Motivations, Challenges, and Applications. Conservation Letters, 2015, 8, 214-226.	5.7	141
25	Structured elicitation of expert judgments for threatened species assessment: a case study on a continental scale using email. Methods in Ecology and Evolution, 2012, 3, 906-920.	5.2	131
26	A review of the generic computer programs ALEX, RAMAS/space and VORTEX for modelling the viability of wildlife metapopulations. Ecological Modelling, 1995, 82, 161-174.	2.5	130
27	Improving biodiversity monitoring. Austral Ecology, 2012, 37, 285-294.	1.5	130
28	PRECISION AND BIAS OF METHODS FOR ESTIMATING POINT SURVEY DETECTION PROBABILITIES. , 2004, 14, 703-712.		129
29	The biodiversity bank cannot be a lending bank. Conservation Letters, 2010, 3, 151-158.	5.7	128
30	Impact of Criticism of Null-Hypothesis Significance Testing on Statistical Reporting Practices in Conservation Biology. Conservation Biology, 2006, 20, 1539-1544.	4.7	119
31	Strategic foresight: how planning for the unpredictable can improve environmental decision-making. Trends in Ecology and Evolution, 2014, 29, 531-541.	8.7	118
32	An interim framework for assessing the population consequences of disturbance. Methods in Ecology and Evolution, 2015, 6, 1150-1158.	5.2	114
33	SETTING RELIABILITY BOUNDS ON HABITAT SUITABILITY INDICES. , 2001, 11, 70-78.		113
34	How many bird and mammal extinctions has recent conservation action prevented?. Conservation Letters, 2021, 14, e12762.	5.7	113
35	Genetic variation in the vulnerable and endemic Monkey Puzzle tree, detected using RAPDs. Heredity, 2002, 88, 243-249.	2.6	109
36	Inferring Threat from Scientific Collections. Conservation Biology, 1995, 9, 923-928.	4.7	107

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37	Critiques of PVA Ask the Wrong Questions: Throwing the Heuristic Baby Out with the Numerical Bath Water. <i>Conservation Biology</i> , 2002, 16, 262-263.	4.7	107
38	Planning for robust reserve networks using uncertainty analysis. <i>Ecological Modelling</i> , 2006, 199, 115-124.	2.5	95
39	Policy: Twenty tips for interpreting scientific claims. <i>Nature</i> , 2013, 503, 335-337.	27.8	94
40	Threat syndromes and conservation of the Australian flora. <i>Biological Conservation</i> , 2007, 134, 73-82.	4.1	93
41	Correlations, dependency bounds and extinction risks. <i>Biological Conservation</i> , 1995, 73, 101-105.	4.1	89
42	A vulnerability analysis of the temperate forests of south central Chile. <i>Biological Conservation</i> , 2005, 122, 9-21.	4.1	86
43	Use of expert knowledge to elicit population trends for the koala ( <i>Phascolarctos cinereus</i> ). <i>Diversity and Distributions</i> , 2016, 22, 249-262.	4.1	85
44	Eliciting improved quantitative judgements using the IDEA protocol: A case study in natural resource management. <i>PLoS ONE</i> , 2018, 13, e0198468.	2.5	83
45	Expertise in research integration and implementation for tackling complex problems: when is it needed, where can it be found and how can it be strengthened?. <i>Palgrave Communications</i> , 2020, 6, .	4.7	81
46	A proposal for fuzzy International Union for the Conservation of Nature (IUCN) categories and criteria. <i>Biological Conservation</i> , 2000, 92, 101-108.	4.1	80
47	Neutral DNA markers fail to detect genetic divergence in an ecologically important trait. <i>Biological Conservation</i> , 2003, 110, 267-275.	4.1	80
48	Hydroperiod is the main driver of the spatial pattern of dominance in mangrove communities. <i>Global Ecology and Biogeography</i> , 2013, 22, 806-817.	5.8	79
49	Uncertainty Analysis for Regional-Scale Reserve Selection. <i>Conservation Biology</i> , 2006, 20, 1688-1697.	4.7	78
50	Treatment of uncertainty in conservation under climate change. <i>Conservation Letters</i> , 2013, 6, 73-85.	5.7	78
51	I nvestigate D iscuss E stimate A gggregate Âfor structured expert judgement. <i>International Journal of Forecasting</i> , 2017, 33, 267-279.	6.5	74
52	How do you find the green sheep? A critical review of the use of remotely sensed imagery to detect and count animals. <i>Methods in Ecology and Evolution</i> , 2018, 9, 881-892.	5.2	72
53	Uncertainty in population dynamics and its consequences for the management of the orange-bellied parrot <i>Neophema chrysogaster</i> . <i>Biological Conservation</i> , 1998, 84, 269-281.	4.1	71
54	Development of the primary bacterial microfouling layer on antifouling and fouling release coatings in temperate and tropical environments in Eastern Australia. <i>Biofouling</i> , 2009, 25, 149-162.	2.2	71

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55	A Method for Setting the Size of Plant Conservation Target Areas. <i>Conservation Biology</i> , 2001, 15, 603-616.	4.7	66
56	Comparing predictions of extinction risk using models and subjective judgement. <i>Acta Oecologica</i> , 2004, 26, 67-74.	1.1	66
57	The use of extinction models for species conservation. <i>Biological Conservation</i> , 1988, 43, 9-25.	4.1	65
58	The Habitat Volumes of Scarce and Ubiquitous Plants: A Test of the Model of Environmental Control. <i>American Naturalist</i> , 1989, 133, 228-239.	2.1	63
59	The importance of demographic uncertainty: An example from the helmeted honeyeater <i>Lichenostomus melanops cassidix</i> . <i>Biological Conservation</i> , 1994, 67, 135-142.	4.1	62
60	Logistic sensitivity and bounds for extinction risks. <i>Ecological Modelling</i> , 1996, 86, 297-303.	2.5	62
61	<i>Linguistic Uncertainty in Qualitative Risk Analysis and How to Minimize It</i>. <i>Annals of the New York Academy of Sciences</i> , 2008, 1128, 13-17.	3.8	62
62	Evaluating the accuracy and calibration of expert predictions under uncertainty: predicting the outcomes of ecological research. <i>Diversity and Distributions</i> , 2012, 18, 782-794.	4.1	58
63	Modelling the persistence of an apparently immortal <i>Banksia</i> species after fire and land clearing. <i>Biological Conservation</i> , 1999, 88, 249-259.	4.1	56
64	Resource allocation for efficient environmental management. <i>Ecology Letters</i> , 2010, 13, 1280-1289.	6.4	55
65	Biodiversity conservation as a promising frontier for behavioural science. <i>Nature Human Behaviour</i> , 2021, 5, 550-556.	12.0	54
66	Predicting outbreaks of a climate-driven coral disease in the Great Barrier Reef. <i>Coral Reefs</i> , 2011, 30, 485-495.	2.2	53
67	The Consistency of Extinction Risk Classification Protocols. <i>Conservation Biology</i> , 2005, 19, 1969-1977.	4.7	52
68	Subjective uncertainties in habitat suitability maps. <i>Ecological Modelling</i> , 2006, 195, 172-186.	2.5	52
69	Coping with uncertainty in forest wildlife planning. <i>Forest Ecology and Management</i> , 1995, 74, 23-36.	3.2	49
70	Assessment of Threat and Conservation Priorities under Realistic Levels of Uncertainty and Reliability. <i>Conservation Biology</i> , 1998, 12, 966-974.	4.7	47
71	The Lazarus effect: can the dynamics of extinct species lists tell us anything about the status of biodiversity?. <i>Biological Conservation</i> , 2004, 117, 41-48.	4.1	46
72	The contrasting roles of science and technology in environmental challenges. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 1079-1106.	12.8	45

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73	An introduction to decision science for conservation. <i>Conservation Biology</i> , 2022, 36, .	4.7	45
74	The effects of fire and predators on the long-term persistence of an endangered shrub, <i>Grevillea caleyi</i> . <i>Biological Conservation</i> , 2003, 109, 73-83.	4.1	43
75	Metaresearch for Evaluating Reproducibility in Ecology and Evolution. <i>BioScience</i> , 2017, 67, biw159.	4.9	41
76	Population Viability Analysis for Bird Conservation: Prediction, Heuristics, Monitoring and Psychology. <i>Emu</i> , 2000, 100, 347-353.	0.6	40
77	Combining Population Viability Analysis with Decision Analysis. <i>Biodiversity and Conservation</i> , 2004, 13, 115-139.	2.6	40
78	Taxonomic uncertainty and decision making for biosecurity: spatial models for myrtle/guava rust. <i>Australasian Plant Pathology</i> , 2013, 42, 43-51.	1.0	40
79	Inferring extinctions III: A cost-benefit framework for listing extinct species. <i>Biological Conservation</i> , 2017, 214, 336-342.	4.1	40
80	Making more effective use of human behavioural science in conservation interventions. <i>Biological Conservation</i> , 2021, 261, 109256.	4.1	40
81	Model-based analysis of the likelihood of gene introgression from genetically modified crops into wild relatives. <i>Ecological Modelling</i> , 2003, 162, 199-209.	2.5	39
82	Classical meets modern in the IDEA protocol for structured expert judgement. <i>Journal of Risk Research</i> , 2018, 21, 417-433.	2.6	39
83	Bringing sustainability to life: A framework to guide biodiversity indicator development for business performance management. <i>Business Strategy and the Environment</i> , 2020, 29, 3303-3313.	14.3	39
84	Protocols for listing threatened species can forecast extinction. <i>Ecology Letters</i> , 2004, 7, 1101-1108.	6.4	38
85	Uncertain Sightings and the Extinction of the Ivory-billed Woodpecker. <i>Conservation Biology</i> , 2012, 26, 180-184.	4.7	38
86	Capturing social impacts for decision-making: a multicriteria decision analysis perspective. <i>Diversity and Distributions</i> , 2013, 19, 608-616.	4.1	38
87	Inferring extinctions from sighting records of variable reliability. <i>Journal of Applied Ecology</i> , 2014, 51, 251-258.	4.0	38
88	The Value of Performance Weights and Discussion in Aggregated Expert Judgments. <i>Risk Analysis</i> , 2018, 38, 1781-1794.	2.7	38
89	Social organization of the pygmy chimpanzee ( <i>Pan paniscus</i> ): Multivariate analysis of intracommunity associations. <i>American Journal of Physical Anthropology</i> , 1990, 83, 193-201.	2.1	37
90	Habitat selection by helmeted honeyeaters. <i>Wildlife Research</i> , 1994, 21, 53.	1.4	35

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91	Correlations among Extinction Risks Assessed by Different Systems of Threatened Species Categorization. <i>Conservation Biology</i> , 2004, 18, 1624-1635.	4.7	33
92	Decision Making in a Human Population Living Sustainably. <i>Conservation Biology</i> , 2012, 26, 760-768.	4.7	32
93	Plant extirpation at the site scale: implications for eradication programmes. <i>Diversity and Distributions</i> , 2015, 21, 151-162.	4.1	32
94	Methods for allocation of habitat management, maintenance, restoration and offsetting, when conservation actions have uncertain consequences. <i>Biological Conservation</i> , 2012, 153, 41-50.	4.1	31
95	Uncertainty in Comparative Risk Analysis for Threatened Australian Plant Species. <i>Risk Analysis</i> , 1999, 19, 585-598.	2.7	30
96	Inferring extinctions II: A practical, iterative model based on records and surveys. <i>Biological Conservation</i> , 2017, 214, 328-335.	4.1	29
97	Modelling human impacts on the Tasmanian wedge-tailed eagle ( <i>Aquila audax fleayi</i> ). <i>Biological Conservation</i> , 2009, 142, 2438-2448.	4.1	28
98	Impacts of experimental warming and fire on phenology of subalpine open-heath species. <i>Australian Journal of Botany</i> , 2008, 56, 617.	0.6	27
99	The changing patterns of plant naturalization in Australia. <i>Diversity and Distributions</i> , 2015, 21, 1038-1050.	4.1	27
100	Assessing the vulnerability of freshwater crayfish to climate change. <i>Diversity and Distributions</i> , 2018, 24, 1830-1843.	4.1	27
101	Weighting and aggregating expert ecological judgments. <i>Ecological Applications</i> , 2020, 30, e02075.	3.8	27
102	Some Aspects of the Ecology of the Mammal Fauna of the Jabiluka Area. Northern Territory. <i>Wildlife Research</i> , 1984, 11, 207.	1.4	27
103	Cladistic and Phenetic Analyses of Phylogenetic Relationships Among Populations of <i>Eucalyptus caesia</i> . <i>Australian Journal of Botany</i> , 1983, 31, 35.	0.6	26
104	Structural habitat selection by the critically endangered trout cod, <i>Maccullochella macquariensis</i> , Cuvier. <i>Biological Conservation</i> , 2007, 138, 30-37.	4.1	26
105	Inferring extinctions I: A structured method using information on threats. <i>Biological Conservation</i> , 2017, 214, 320-327.	4.1	26
106	Inferring extinction risks from sighting records. <i>Journal of Theoretical Biology</i> , 2013, 338, 16-22.	1.7	25
107	Species distribution models: A comparison of statistical approaches for livestock and disease epidemics. <i>PLoS ONE</i> , 2017, 12, e0183626.	2.5	25
108	Ecosystem indices to support global biodiversity conservation. <i>Conservation Letters</i> , 2020, 13, e12680.	5.7	25

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109	Alternative futures for global biological invasions. <i>Sustainability Science</i> , 2021, 16, 1637-1650.	4.9	25
110	Characterisation and delineation of the eucalypt old-growth forest estate in Australia: a review. <i>Forest Ecology and Management</i> , 1996, 83, 149-161.	3.2	24
111	The treatment of uncertainty and the structure of the IUCN threatened species categories. <i>Biological Conservation</i> , 1999, 89, 245-249.	4.1	24
112	Climate change as a threatening process. <i>Austral Ecology</i> , 2006, 31, 549-550.	1.5	23
113	Use of confidence intervals to demonstrate performance against forest management standards. <i>Forest Ecology and Management</i> , 2007, 247, 237-245.	3.2	22
114	A stochastic model for seagrass ( <i>Zostera muelleri</i> ) in Port Phillip Bay, Victoria, Australia. <i>Ecological Modelling</i> , 1999, 118, 131-148.	2.5	21
115	Right Decisions or Happy Decision-makers?. <i>Social Epistemology</i> , 2007, 21, 349-368.	1.2	21
116	Mortality models for mountain and alpine ash. <i>Forest Ecology and Management</i> , 1994, 67, 319-327.	3.2	20
117	Probabilistic classification rules for setting conservation priorities. <i>Biological Conservation</i> , 1999, 89, 227-231.	4.1	20
118	Identifying hotspots of alien plant naturalisation in Australia: approaches and predictions. <i>Biological Invasions</i> , 2016, 18, 631-645.	2.4	20
119	Expert frailties in conservation risk assessment and listing decisions. , 2004, , 20-29.		20
120	Challenges in estimation, uncertainty quantification and elicitation for pandemic modelling. <i>Epidemics</i> , 2022, 38, 100547.	3.0	20
121	Evaluating extreme risks in invasion ecology: learning from banking compliance. <i>Diversity and Distributions</i> , 2008, 14, 581-591.	4.1	18
122	Decreasing geographic bias in Conservation Biology. <i>Conservation Biology</i> , 2015, 29, 1255-1256.	4.7	18
123	Risks, decisions and biological conservation. <i>Diversity and Distributions</i> , 2013, 19, 485-489.	4.1	17
124	Collective wisdom: Methods of confidence interval aggregation. <i>Journal of Business Research</i> , 2015, 68, 1759-1767.	10.2	17
125	Modelling the impact of timber harvesting on a rare carnivorous land snail ( <i>Tasmaphena lamproides</i> ) in northwest Tasmania, Australia. <i>Ecological Modelling</i> , 2001, 139, 253-264.	2.5	16
126	Risk-Based Approaches to Managing Contaminants in Catchments. <i>Human and Ecological Risk Assessment (HERA)</i> , 2006, 12, 66-73.	3.4	16



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127	Modeling Extreme Risks in Ecology. <i>Risk Analysis</i> , 2012, 32, 1956-1966.	2.7	16
128	Improving decisions for invasive species management: reformulation and extensions of the <sc>P</sc>anettaâ€™ <sc>L</sc>awes eradication graph. <i>Diversity and Distributions</i> , 2013, 19, 603-607.	4.1	16
129	Structural uncertainty in stochastic population models: delayed development in the eastern barred bandicoot, <i>Perameles gunnii</i> . <i>Ecological Modelling</i> , 2001, 136, 237-254.	2.5	15
130	THE UNIFIED NEUTRAL THEORY OF BIODIVERSITY AND BIOGEOGRAPHY: COMMENT. <i>Ecology</i> , 2004, 85, 3172-3174.	3.2	15
131	Modelâ€based search strategies for plant diseases: a case study using citrus canker (<i><sc>X</sc>anthomonas citri</i>). <i>Diversity and Distributions</i> , 2013, 19, 590-602.	4.1	15
132	Voting Systems for Environmental Decisions. <i>Conservation Biology</i> , 2014, 28, 322-332.	4.7	15
133	Ensuring tests of conservation interventions build on existing literature. <i>Conservation Biology</i> , 2020, 34, 781-783.	4.7	14
134	Niche overlap and competition for habitat between the helmeted honeyeater and the bell miner. <i>Wildlife Research</i> , 1995, 22, 633.	1.4	13
135	Title is missing!. <i>Risk Analysis</i> , 1999, 19, 585-598.	2.7	13
136	Using internet intelligence to manage biosecurity risks: a case study for aquatic animal health. <i>Diversity and Distributions</i> , 2013, 19, 640-650.	4.1	13
137	Untapped potential of collective intelligence in conservation and environmental decision making. <i>Conservation Biology</i> , 2019, 33, 1247-1255.	4.7	13
138	Improving expert forecasts in reliability: Application and evidence for structured elicitation protocols. <i>Quality and Reliability Engineering International</i> , 2020, 36, 623-641.	2.3	13
139	Wildlife planning using FORPLAN: a review and examples from Victorian forests. <i>Australian Forestry</i> , 1994, 57, 131-140.	0.9	11
140	Population status, demography and habitat preferences of the threatened lipstick palm <i>Cyrtostachys renda</i> Blume in Kerumutan Reserve, Sumatra. <i>Acta Oecologica</i> , 2005, 28, 107-118.	1.1	11
141	Shrews in suburbia: an application of Goodman's extinction model. <i>Biological Conservation</i> , 1992, 61, 117-123.	4.1	10
142	Spatial analysis of eucalypt dieback at Coranderrk, Australia. <i>Applied Vegetation Science</i> , 2001, 4, 257-266.	1.9	10
143	Prioritizing plant eradication targets by re-framing the project prioritization protocol (PPP) for use in biosecurity applications. <i>Biological Invasions</i> , 2017, 19, 859-873.	2.4	10
144	Facilitating the transition to sustainable green chemistry. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2018, 13, 130-136.	5.9	10

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145	A method for assessing the impacts of an international agreement on regional progress towards Sustainable Development Goals. <i>Science of the Total Environment</i> , 2021, 785, 147336.	8.0	10
146	Subalpine plants show short-term positive growth responses to experimental warming and fire. <i>Australian Journal of Botany</i> , 2009, 57, 465.	0.6	10
147	Use and abuse of wildlife models for determining habitat requirements of forest fauna. <i>Australian Forestry</i> , 1994, 57, 82-85.	0.9	9
148	The regeneration ecology of <i>Kunzea ericoides</i> (A. Rich.) J. Thompson at Coranderk Reserve, Healesville. <i>Austral Ecology</i> , 1999, 24, 18-24.	1.5	9
149	Incorporating Collateral Data in Conservation Biology. <i>Conservation Biology</i> , 2004, 18, 768-774.	4.7	9
150	Influences of edaphic factors on the distribution and abundance of a rare palm ( <i>Cyrtostachys renda</i> ) in a peat swamp forest in eastern Sumatra, Indonesia. <i>Austral Ecology</i> , 2006, 31, 964-974.	1.5	9
151	Promoting transparency in conservation science. <i>Conservation Biology</i> , 2016, 30, 1149-1150.	4.7	9
152	ODNI as an analytic ombudsman: is Intelligence Community Directive 203 up to the task?. <i>Intelligence and National Security</i> , 2019, 34, 205-224.	0.6	9
153	Cladistics, Phenetics and Biogeography of Populations of <i>Boronia inornata</i> Turcz. (Rutaceae) and the <i>Eucalyptus diptera</i> Andrews (Myrtaceae) Species Complex in Western Australia. <i>Australian Journal of Botany</i> , 1985, 33, 419.	0.6	8
154	Implementing comprehensiveness, adequacy and representativeness criteria (CAR) to indicate gaps in an existing reserve system: A case study from Victoria, Australia. <i>Ecological Indicators</i> , 2012, 18, 342-352.	6.3	8
155	Predicting farm-level animal populations using environmental and socioeconomic variables. <i>Preventive Veterinary Medicine</i> , 2017, 145, 121-132.	1.9	8
156	Comparisons of Different Methods of Determining Affinities for Nine Ant Species of the Genus <i>Camponotus</i> . <i>Australian Journal of Zoology</i> , 1980, 28, 151.	1.0	7
157	A Novel Spore Collection Device for Sampling Exposure Pathways: A Case Study of <i>Puccinia psidii</i> . <i>Plant Disease</i> , 2013, 97, 828-834.	1.4	7
158	Does Size Matter to Models? Exploring the Effect of Herd Size on Outputs of a Herd-Level Disease Spread Simulator. <i>Frontiers in Veterinary Science</i> , 2018, 5, 78.	2.2	7
159	Assessing the impacts of uncertainty in climate change vulnerability assessments. <i>Diversity and Distributions</i> , 2019, 25, 1234-1245.	4.1	7
160	Improving Analytic Reasoning via Crowdsourcing and Structured Analytic Techniques. <i>Journal of Cognitive Engineering and Decision Making</i> , 2020, 14, 195-217.	2.3	7
161	Impacts of plantation development, harvesting schedules and rotation lengths on the rare snail <i>Tasmaphena lamproides</i> in northwest Tasmania: a population viability analysis. <i>Forest Ecology and Management</i> , 2003, 175, 455-466.	3.2	6
162	Facilitated expert judgment of environmental risks: acquiring and analysing imprecise data. <i>International Journal of Risk Assessment and Management</i> , 2012, 16, 199.	0.1	6

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163	A novel method for estimating the number of species within a region. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133009.	2.6	6
164	Governance for Effective Policyâ€Relevant Scientific Research: The Shared Governance Model. <i>Asia and the Pacific Policy Studies</i> , 2015, 2, 441-451.	1.5	6
165	Strengthening conservation science as a crisis discipline by addressing challenges of precaution, privilege, and individualism. <i>Conservation Biology</i> , 2021, 35, 1738-1746.	4.7	6
166	An Application of Qualitative Risk Assessment in Park Management. <i>Australasian Journal of Environmental Management</i> , 2005, 12, 6-15.	1.1	5
167	Traits influence detection of exotic plant species in tropical forests. <i>PLoS ONE</i> , 2018, 13, e0202254.	2.5	5
168	Traits explain invasion of alien plants into tropical rainforests. <i>Ecology and Evolution</i> , 2021, 11, 3808-3819.	1.9	5
169	The Zoogeography and Phylogenetic Relationships of Three Genera of Australian Scolopendrid Centipedes (Chilopoda: Scolopendridae). <i>Australian Journal of Zoology</i> , 1984, 32, 507.	1.0	4
170	Better Together: Reliable Application of the Post-9/11 and Post-Iraq US Intelligence Tradecraft Standards Requires Collective Analysis. <i>Frontiers in Psychology</i> , 2018, 9, 2634.	2.1	4
171	Surveillance for threatened and invasive species when uncertainty is severe. <i>Diversity and Distributions</i> , 2012, 18, 410-416.	4.1	3
172	Expert Elicitation of Population-Level Effects of Disturbance. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 295-302.	1.6	3
173	Bayesian updating to estimate extinction from sequential observation data. <i>Biological Conservation</i> , 2019, 229, 26-29.	4.1	3
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