

Bruce G Marcot

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,131
citations

257450

24
h-index

197818

49
g-index

54
all docs

54
docs citations

54
times ranked

3235
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk Analysis Frameworks Used in Biological Control and Introduction of a Novel Bayesian Network Tool. <i>Risk Analysis</i> , 2022, 42, 1255-1276.	2.7	9
2	Drivers of historical and projected changes in diverse boreal ecosystems: fires, thermokarst, riverine dynamics, and humans. <i>Environmental Research Letters</i> , 2022, 17, 045016.	5.2	4
3	What is an optimal value of k in k-fold cross-validation in discrete Bayesian network analysis?. <i>Computational Statistics</i> , 2021, 36, 2009-2031.	1.5	150
4	Strategic Habitat Conservation for Beach Mice: Estimating Management Scenario Efficiencies. <i>Journal of Wildlife Management</i> , 2021, 85, 324-339.	1.8	2
5	Using Decision Science for Monitoring Threatened Western Snowy Plovers to Inform Recovery. <i>Animals</i> , 2021, 11, 569.	2.3	3
6	EcoQBNs: First Application of Ecological Modeling with Quantum Bayesian Networks. <i>Entropy</i> , 2021, 23, 441.	2.2	3
7	Population viability analysis using Bayesian networks. <i>Environmental Modelling and Software</i> , 2021, 147, 105242.	4.5	1
8	Bayesian decision network modeling for environmental risk management: A wildfire case study. <i>Journal of Environmental Management</i> , 2020, 270, 110735.	7.8	32
9	Habitat of the endangered salt marsh harvest mouse (<i>Reithrodontomys raviventris</i>) in San Francisco Bay. <i>Ecology and Evolution</i> , 2020, 10, 662-677.	1.9	8
10	Comparing Invasive Species Risk Screening Tools FISRAM, ERSS, and FISK/AS-ISK as a response to Hill et al. (2020). <i>Management of Biological Invasions</i> , 2020, 11, 342-355.	1.2	2
11	Twenty-five years of the Northwest Forest Plan: what have we learned?. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 511-520.	4.0	53
12	Efficacy of automated detection of motion in wildlife monitoring videos. <i>Wildlife Society Bulletin</i> , 2019, 43, 726-736.	1.6	6
13	Conservation planning for species recovery under the Endangered Species Act: A case study with the Northern Spotted Owl. <i>PLoS ONE</i> , 2019, 14, e0210643.	2.5	20
14	Applying circuit theory and landscape linkage maps to reintroduction planning for California Condors. <i>PLoS ONE</i> , 2019, 14, e0226491.	2.5	6
15	Estimates of tidal-marsh bird densities using Bayesian networks. <i>Journal of Wildlife Management</i> , 2019, 83, 109-120.	1.8	15
16	Advances in Bayesian network modelling: Integration of modelling technologies. <i>Environmental Modelling and Software</i> , 2019, 111, 386-393.	4.5	181
17	A decision support system for identifying potentially invasive and injurious freshwater fishes. <i>Management of Biological Invasions</i> , 2019, 10, 200-226.	1.2	16
18	Common quandaries and their practical solutions in Bayesian network modeling. <i>Ecological Modelling</i> , 2017, 358, 1-9.	2.5	51

#	ARTICLE	IF	CITATIONS
19	Mapping marine habitat suitability and uncertainty of Bayesian networks: a case study using Pacific benthic macrofauna. <i>Ecosphere</i> , 2017, 8, e01859.	2.2	9
20	Predicting forest insect flight activity: A Bayesian network approach. <i>PLoS ONE</i> , 2017, 12, e0183464.	2.5	27
21	Impacts of Human Recreation on Brown Bears (<i>Ursus arctos</i>): A Review and New Management Tool. <i>PLoS ONE</i> , 2016, 11, e0141983.	2.5	81
22	Forecasting the relative influence of environmental and anthropogenic stressors on polar bears. <i>Ecosphere</i> , 2016, 7, e01370.	2.2	92
23	Nocturnal Icons of a Natural History Observer The House of Owls, Tony Angell. Yale University Press, New Haven & London (2015). 203 pages. ISBN-13: 978-0300203448. Hardback \$20.35, Kindle \$14.99 (U.S).. Northwest Science, 2016, 90, 245-246.	0.2	0
24	ANALYSIS OF SENSITIVITY AND UNCERTAINTY IN AN INDIVIDUAL-BASED MODEL OF A THREATENED WILDLIFE SPECIES. <i>Natural Resource Modelling</i> , 2015, 28, 37-58.	2.0	36
25	Activity-specific ecological niche models for planning reintroductions of California condors () Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF	4.1	42
26	Projected changes in wildlife habitats in Arctic natural areas of northwest Alaska. <i>Climatic Change</i> , 2015, 130, 145-154.	3.6	22
27	Projected changes in diverse ecosystems from climate warming and biophysical drivers in northwest Alaska. <i>Climatic Change</i> , 2015, 130, 131-144.	3.6	33
28	The scientific basis for modeling Northern Spotted Owl habitat: A response to Loehle, Irwin, Manly, and Merrill. <i>Forest Ecology and Management</i> , 2015, 358, 355-360.	3.2	2
29	HOW BIG AND HOW CLOSE? HABITAT PATCH SIZE AND SPACING TO CONSERVE A THREATENED SPECIES. <i>Natural Resource Modelling</i> , 2013, 26, 194-214.	2.0	14
30	Recent advances in applying decision science to managing national forests. <i>Forest Ecology and Management</i> , 2012, 285, 123-132.	3.2	61
31	An Expert Panel Approach to Assessing Potential Effects of Bull Trout Reintroduction on Federally Listed Salmonids in the Clackamas River, Oregon. <i>North American Journal of Fisheries Management</i> , 2012, 32, 450-465.	1.0	21
32	Metrics for evaluating performance and uncertainty of Bayesian network models. <i>Ecological Modelling</i> , 2012, 230, 50-62.	2.5	249
33	Addressing uncertainty: How to conserve and manage rare or little-known fungi. <i>Fungal Ecology</i> , 2011, 4, 134-146.	1.6	33
34	DNA-based approach to aging martens (<i>Martes americana</i>) and <i>M. caurina</i> . <i>Journal of Mammalogy</i> , 2011, 92, 500-510.	1.3	20
35	Projected status of the Pacific walrus (<i>Odobenus rosmarus divergens</i>) in the twenty-first century. <i>Polar Biology</i> , 2011, 34, 1065-1084.	1.2	77
36	Greenhouse gas mitigation can reduce sea-ice loss and increase polar bear persistence. <i>Nature</i> , 2010, 468, 955-958.	27.8	151

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37	Rebuttal of "Polar Bear Population Forecasts: A Public-Policy Forecasting Audit". Interfaces, 2009, 39, 353-369.	1.5	12
38	Biodiversity and the lexicon zoo. Forest Ecology and Management, 2007, 246, 4-13.	3.2	8
39	Bayesian belief networks: applications in ecology and natural resource management. Canadian Journal of Forest Research, 2006, 36, 3053-3062.	1.7	272
40	Guidelines for developing and updating Bayesian belief networks applied to ecological modeling and conservation. Canadian Journal of Forest Research, 2006, 36, 3063-3074.	1.7	483
41	HABITAT MODELING FOR BIODIVERSITY CONSERVATION. Northwestern Naturalist, 2006, 87, 56.	0.4	20
42	Characterizing Species at Risk I: Modeling Rare Species Under the Northwest Forest Plan. Ecology and Society, 2006, 11, .	2.3	42
43	Protecting Rare, Old-Growth, Forest-Associated Species under the Survey and Manage Program Guidelines of the Northwest Forest Plan. Conservation Biology, 2006, 20, 306-318.	4.7	53
44	Using Bayesian belief networks in adaptive management. Canadian Journal of Forest Research, 2006, 36, 3104-3116.	1.7	159
45	A Bayesian approach to evaluating habitat for woodland caribou in north-central British Columbia. Canadian Journal of Forest Research, 2006, 36, 3117-3133.	1.7	33
46	Using Bayesian belief networks to evaluate fish and wildlife population viability under land management alternatives from an environmental impact statement. Forest Ecology and Management, 2001, 153, 29-42.	3.2	308
47	Status and trends of habitats of terrestrial vertebrates in relation to land management in the interior Columbia river basin. Forest Ecology and Management, 2001, 153, 63-87.	3.2	66
48	An evaluation of resource inventory and monitoring program used in national forest planning. Environmental Management, 1995, 19, 147-156.	2.7	23
49	Species and Ecosystem Viability: Key Questions and Issues. Journal of Forestry, 1994, 92, 45-47.	1.0	24
50	Conservation of Indian Forests. Conservation Biology, 1992, 6, 12-16.	4.7	5
51	Medical Diagnosis. , 0, , 15-32.		7
52	A Bayesian Network Modeling Approach to Forecasting the 21st Century Worldwide Status of Polar Bears. Geophysical Monograph Series, 0, , 213-268.	0.1	83