

Joshua J Lawler

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

13,629
citations

50170

46
h-index

34900

98
g-index

122
all docs

122
docs citations

122
times ranked

17619
citing authors

#	ARTICLE	IF	CITATIONS
1	RANDOM FORESTS FOR CLASSIFICATION IN ECOLOGY. <i>Ecology</i> , 2007, 88, 2783-2792.	1.5	3,224
2	Nature and mental health: An ecosystem service perspective. <i>Science Advances</i> , 2019, 5, eaax0903.	4.7	899
3	Nature Contact and Human Health: A Research Agenda. <i>Environmental Health Perspectives</i> , 2017, 125, 075001.	2.8	719
4	Machine Learning Methods Without Tears: A Primer for Ecologists. <i>Quarterly Review of Biology</i> , 2008, 83, 171-193.	0.0	561
5	Projected land-use change impacts on ecosystem services in the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7492-7497.	3.3	557
6	Dispersal will limit ability of mammals to track climate change in the Western Hemisphere. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8606-8611.	3.3	437
7	Will extreme climatic events facilitate biological invasions?. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 249-257.	1.9	402
8	Projected climate-induced faunal change in the Western Hemisphere. <i>Ecology</i> , 2009, 90, 588-597.	1.5	349
9	Efficiency of incentives to jointly increase carbon sequestration and species conservation on a landscape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9471-9476.	3.3	311
10	Predicting climate-induced range shifts: model differences and model reliability. <i>Global Change Biology</i> , 2006, 12, 1568-1584.	4.2	298
11	Climate Change Adaptation Strategies for Resource Management and Conservation Planning. <i>Annals of the New York Academy of Sciences</i> , 2009, 1162, 79-98.	1.8	262
12	Direct and Indirect Effects of Climate Change on Amphibian Populations. <i>Diversity</i> , 2010, 2, 281-313.	0.7	255
13	Behavioral flexibility as a mechanism for coping with climate change. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 299-308.	1.9	240
14	Global change, global trade, and the next wave of plant invasions. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 20-28.	1.9	195
15	Achieving climate connectivity in a fragmented landscape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7195-7200.	3.3	194
16	Preparing for and managing change: climate adaptation for biodiversity and ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 502-510.	1.9	193
17	The theory behind, and the challenges of, conserving nature's stage in a time of rapid change. <i>Conservation Biology</i> , 2015, 29, 618-629.	2.4	188
18	Rare Species and the Use of Indicator Groups for Conservation Planning. <i>Conservation Biology</i> , 2003, 17, 875-882.	2.4	173

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19	Conservation science: a 20-year report card. <i>Frontiers in Ecology and the Environment</i> , 2006, 4, 473-480.	1.9	169
20	Connectivity Planning to Address Climate Change. <i>Conservation Biology</i> , 2013, 27, 407-416.	2.4	164
21	Resource management in a changing and uncertain climate. <i>Frontiers in Ecology and the Environment</i> , 2010, 8, 35-43.	1.9	157
22	Projected climate-driven faunal movement routes. <i>Ecology Letters</i> , 2013, 16, 1014-1022.	3.0	153
23	Applied Climate-Change Analysis: The Climate Wizard Tool. <i>PLoS ONE</i> , 2009, 4, e8320.	1.1	153
24	U.S. Natural Resources and Climate Change: Concepts and Approaches for Management Adaptation. <i>Environmental Management</i> , 2009, 44, 1001-1021.	1.2	151
25	Projected Climate Impacts for the Amphibians of the Western Hemisphere. <i>Conservation Biology</i> , 2010, 24, 38-50.	2.4	127
26	Challenges and Opportunities in Implementing Managed Relocation for Conservation of Freshwater Species. <i>Conservation Biology</i> , 2011, 25, 40-47.	2.4	125
27	Biodiversity in a changing climate: a synthesis of current and projected trends in the US. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 465-473.	1.9	125
28	Perception, acquisition and use of ecosystem services: Human behavior, and ecosystem management and policy implications. <i>Ecosystem Services</i> , 2014, 10, 180-186.	2.3	119
29	An ecosystem service perspective on urban nature, physical activity, and health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	115
30	Rethinking the longitudinal stream temperature paradigm: region-wide comparison of thermal infrared imagery reveals unexpected complexity of river temperatures. <i>Hydrological Processes</i> , 2015, 29, 4719-4737.	1.1	107
31	The Adaptation for Conservation Targets (ACT) Framework: A Tool for Incorporating Climate Change into Natural Resource Management. <i>Environmental Management</i> , 2012, 50, 341-351.	1.2	106
32	Scale-dependent complementarity of climatic velocity and environmental diversity for identifying priority areas for conservation under climate change. <i>Global Change Biology</i> , 2017, 23, 4508-4520.	4.2	98
33	To advance sustainable stewardship, we must document not only biodiversity but geodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16155-16158.	3.3	96
34	Biotic and Climatic Velocity Identify Contrasting Areas of Vulnerability to Climate Change. <i>PLoS ONE</i> , 2015, 10, e0140486.	1.1	94
35	Conserving Biodiversity: Practical Guidance about Climate Change Adaptation Approaches in Support of Land-use Planning. <i>Natural Areas Journal</i> , 2015, 35, 190-203.	0.2	92
36	Connecting today's climates to future climate analogs to facilitate movement of species under climate change. <i>Conservation Biology</i> , 2017, 31, 1397-1408.	2.4	82

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37	Recent and Widespread Rapid Morphological Change in Rodents. PLoS ONE, 2009, 4, e6452.	1.1	81
38	Connectivity for species on the move: supporting climate-driven range shifts. Frontiers in Ecology and the Environment, 2019, 17, 270-278.	1.9	78
39	Reframing the debate over assisted colonization. Frontiers in Ecology and the Environment, 2011, 9, 569-574.	1.9	77
40	Projected Climate-Induced Habitat Loss for Salmonids in the John Day River Network, Oregon, U.S.A.. Conservation Biology, 2012, 26, 873-882.	2.4	75
41	Why do we fly? Ecologists' sins of emission. Frontiers in Ecology and the Environment, 2009, 7, 294-296.	1.9	74
42	Maximising return on conservation investment in the conterminous USA. Ecology Letters, 2012, 15, 1249-1256.	3.0	71
43	A reassessment of the interface between conservation and behaviour. Animal Behaviour, 2008, 75, 731-737.	0.8	60
44	Distribution and protection of climatic refugia in North America. Conservation Biology, 2018, 32, 1414-1425.	2.4	55
45	A Variance-decomposition Approach to Investigating Multiscale Habitat Associations. Condor, 2006, 108, 47-58.	0.7	54
46	A Variance-decomposition Approach to Investigating Multiscale Habitat Associations. Condor, 2006, 108, 47.	0.7	49
47	Projecting the Hydrologic Impacts of Climate Change on Montane Wetlands. PLoS ONE, 2015, 10, e0136385.	1.1	49
48	Title is missing!. Landscape Ecology, 2002, 17, 233-245.	1.9	48
49	Climate-niche factor analysis: a spatial approach to quantifying species vulnerability to climate change. Ecography, 2019, 42, 1494-1503.	2.1	48
50	Planning for climate change through additions to a national protected area network: implications for cost and configuration. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190117.	1.8	48
51	Species-level correlates of susceptibility to the pathogenic amphibian fungus Batrachochytrium dendrobatidis in the United States. Biodiversity and Conservation, 2011, 20, 1911-1920.	1.2	47
52	Mapping sources, sinks, and connectivity using a simulation model of northern spotted owls. Landscape Ecology, 2014, 29, 579-592.	1.9	47
53	Cross-scale Correlations and the Design and Analysis of Avian Habitat Selection Studies. Condor, 2006, 108, 59.	0.7	46
54	Global review on interactions between insect pests and other forest disturbances. Landscape Ecology, 2021, 36, 945-972.	1.9	46

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55	Cross-scale Correlations and the Design and Analysis of Avian Habitat Selection Studies. <i>Condor</i> , 2006, 108, 59-70.	0.7	44
56	Past, present, and future of ecological integrity assessment for fresh waters. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 197-205.	1.9	44
57	Modeling intrinsic potential for beaver (<i>Castor canadensis</i>) habitat to inform restoration and climate change adaptation. <i>PLoS ONE</i> , 2018, 13, e0192538.	1.1	42
58	Climate Change Adaptation for the US National Wildlife Refuge System. <i>Environmental Management</i> , 2009, 44, 1043-1052.	1.2	41
59	Systematic Conservation Planning in the Face of Climate Change: Bet-Hedging on the Columbia Plateau. <i>PLoS ONE</i> , 2011, 6, e28788.	1.1	39
60	Beyond Reserves and Corridors: Policy Solutions to Facilitate the Movement of Plants and Animals in a Changing Climate. <i>BioScience</i> , 2011, 61, 713-719.	2.2	35
61	Intrinsic and extrinsic drivers of source-sink dynamics. <i>Ecology and Evolution</i> , 2016, 6, 892-904.	0.8	34
62	Combining physical and species-based approaches improves refugia identification. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 254-260.	1.9	34
63	Climate-induced range overlap among closely related species. <i>Nature Climate Change</i> , 2015, 5, 883-886.	8.1	33
64	Nest-site selection in Savannah sparrows: using gulls as scarecrows?. <i>Animal Behaviour</i> , 1997, 53, 197-208.	0.8	31
65	Performance of habitat suitability models for the endangered black-capped vireo built with remotely-sensed data. <i>Remote Sensing of Environment</i> , 2012, 119, 35-42.	4.6	31
66	Getting the most connectivity per conservation dollar. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 491-497.	1.9	30
67	Relative sensitivity to climate change of species in northwestern North America. <i>Biological Conservation</i> , 2015, 187, 127-133.	1.9	26
68	HOW WELL DO CONSISTENTLY MONITORED BREEDING BIRD SURVEY ROUTES REPRESENT THE ENVIRONMENTS OF THE CONTERMINOUS UNITED STATES?. <i>Condor</i> , 2004, 106, 801.	0.7	25
69	Comparison of climate change vulnerability assessments for wildlife. <i>Wildlife Society Bulletin</i> , 2014, 38, 386-394.	1.6	25
70	Effects of local land-use planning on development and disturbance in riparian areas. <i>Land Use Policy</i> , 2017, 60, 16-25.	2.5	24
71	Dependence of the Endangered Black-capped Vireo on Sustained Cowbird Management. <i>Conservation Biology</i> , 2014, 28, 561-571.	2.4	23
72	Integrating mechanistic and empirical model projections to assess climate impacts on tree species distributions in northwestern North America. <i>Global Change Biology</i> , 2017, 23, 2005-2015.	4.2	23

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73	Land Use as a Driver of Patterns of Rodenticide Exposure in Modeled Kit Fox Populations. PLoS ONE, 2015, 10, e0133351.	1.1	23
74	Adapting California's Ecosystems to a Changing Climate. BioScience, 2015, 65, 247-262.	2.2	22
75	Sparking interest: A design framework for mobile technologies to promote children's interest in nature. International Journal of Child-Computer Interaction, 2019, 20, 24-34.	2.5	22
76	Relative influence of local and landscape factors on bird communities vary by species and functional group. Landscape Ecology, 2015, 30, 287-299.	1.9	21
77	Academic Institutions in the United States and Canada Ranked According to Research Productivity in the Field of Conservation Biology. Conservation Biology, 2007, 21, 1139-1144.	2.4	20
78	Divergence in sink contributions to population persistence. Conservation Biology, 2015, 29, 1674-1683.	2.4	18
79	Composition of Cavity-Nesting Bird Communities in Montane Aspen Woodland Fragments: The Roles of Landscape Context and Forest Structure. Condor, 2002, 104, 890-896.	0.7	16
80	COMPOSITION OF CAVITY-NESTING BIRD COMMUNITIES IN MONTANE ASPEN WOODLAND FRAGMENTS: THE ROLES OF LANDSCAPE CONTEXT AND FOREST STRUCTURE. Condor, 2002, 104, 890.	0.7	15
81	A multispecies test of source-sink indicators to prioritize habitat for declining populations. Conservation Biology, 2018, 32, 648-659.	2.4	14
82	Relative vulnerability to climate change of trees in western North America. Climatic Change, 2016, 136, 367-379.	1.7	13
83	Evaluating Habitat as a Surrogate for Population Viability Using a Spatially Explicit Population Model. Environmental Monitoring and Assessment, 2004, 94, 85-100.	1.3	12
84	Unintended habitat loss on private land from grazing restrictions on public rangelands. Journal of Applied Ecology, 2019, 56, 52-62.	1.9	12
85	Weighing the relative potential impacts of climate change and land-use change on an endangered bird. Ecology and Evolution, 2016, 6, 4468-4477.	0.8	11
86	Future climate vulnerability – evaluating multiple lines of evidence. Frontiers in Ecology and the Environment, 2017, 15, 367-376.	1.9	11
87	Tools for Assessing Climate Impacts on Fish and Wildlife. Journal of Fish and Wildlife Management, 2013, 4, 220-241.	0.4	10
88	Identifying the impacts of critical habitat designation on land cover change. Resources and Energy Economics, 2017, 47, 89-125.	1.1	9
89	Assessing source-sink stability in the context of management and land-use change. Landscape Ecology, 2019, 34, 259-274.	1.9	9
90	Recent Advances and Current Challenges in Applying Source-Sink Theory to Species Conservation. Current Landscape Ecology Reports, 2019, 4, 51-60.	1.1	8

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91	Understanding Perceptions of Climate Change, Priorities, and Decision-Making among Municipalities in Lima, Peru to Better Inform Adaptation and Mitigation Planning. PLoS ONE, 2016, 11, e0147201.	1.1	8
92	Land use change and rodenticide exposure trump climate change as the biggest stressors to San Joaquin kit fox. PLoS ONE, 2019, 14, e0214297.	1.1	5
93	Predicting Recovery from Acidic Deposition: Applying a Modified TAF (Tracking and Analysis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 383-399.	1.1	4
94	Assessing the Relative Importance of Factors at Multiple Spatial Scales Affecting Terrestrial and Aquatic Wildlife. Current Landscape Ecology Reports, 2020, 5, 12-24.	1.1	3
95	A tribute to a true conservation innovator, Brad McRae, 1966-2017. Conservation Biology, 2018, 33, 480.	2.4	2
96	Book review, Integrated Public Lands Management: A Coarse-Scale Economic Perspective. Landscape Ecology, 2003, 18, 207-208.	1.9	0
97	Conservation for any budget. Nature Climate Change, 2011, 1, 350-351.	8.1	0