

Joshua J Lawler

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

13,629
citations

50276

46
h-index

34986

98
g-index

122
all docs

122
docs citations

122
times ranked

17619
citing authors

#	ARTICLE	IF	CITATIONS
1	Global review on interactions between insect pests and other forest disturbances. <i>Landscape Ecology</i> , 2021, 36, 945-972.	4.2	46
2	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, .	7.1	115
3	Assessing the Relative Importance of Factors at Multiple Spatial Scales Affecting Terrestrial and Aquatic Wildlife. <i>Current Landscape Ecology Reports</i> , 2020, 5, 12-24.	2.2	3
4	Combining physical and species-based approaches improves refugia identification. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 254-260.	4.0	34
5	Planning for climate change through additions to a national protected area network: implications for cost and configuration. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190117.	4.0	48
6	Nature and mental health: An ecosystem service perspective. <i>Science Advances</i> , 2019, 5, eaax0903.	10.3	899
7	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.	7.1	96
8	Unintended habitat loss on private land from grazing restrictions on public rangelands. <i>Journal of Applied Ecology</i> , 2019, 56, 52-62.	4.0	12
9	Recent Advances and Current Challenges in Applying Source-Sink Theory to Species Conservation. <i>Current Landscape Ecology Reports</i> , 2019, 4, 51-60.	2.2	8
10	Land use change and rodenticide exposure trump climate change as the biggest stressors to San Joaquin kit fox. <i>PLoS ONE</i> , 2019, 14, e0214297.	2.5	5
11	Climate-niche factor analysis: a spatial approach to quantifying species vulnerability to climate change. <i>Ecography</i> , 2019, 42, 1494-1503.	4.5	48
12	Connectivity for species on the move: supporting climate-driven range shifts. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 270-278.	4.0	78
13	Sparking interest: A design framework for mobile technologies to promote children's interest in nature. <i>International Journal of Child-Computer Interaction</i> , 2019, 20, 24-34.	3.5	22
14	Assessing source-sink stability in the context of management and land-use change. <i>Landscape Ecology</i> , 2019, 34, 259-274.	4.2	9
15	A multispecies test of source-sink indicators to prioritize habitat for declining populations. <i>Conservation Biology</i> , 2018, 32, 648-659.	4.7	14
16	A tribute to a true conservation innovator, Brad McRae, 1966-2017. <i>Conservation Biology</i> , 2018, 33, 480.	4.7	2
17	Distribution and protection of climatic refugia in North America. <i>Conservation Biology</i> , 2018, 32, 1414-1425.	4.7	55
18	Modeling intrinsic potential for beaver (<i>Castor canadensis</i>) habitat to inform restoration and climate change adaptation. <i>PLoS ONE</i> , 2018, 13, e0192538.	2.5	42

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19	Identifying the impacts of critical habitat designation on land cover change. <i>Resources and Energy Economics</i> , 2017, 47, 89-125.	2.5	9
20	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.	9.5	98
21	Past, present, and future of ecological integrity assessment for fresh waters. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 197-205.	4.0	44
22	Connecting today's climates to future climate analogs to facilitate movement of species under climate change. <i>Conservation Biology</i> , 2017, 31, 1397-1408.	4.7	82
23	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.	9.5	23
24	Behavioral flexibility as a mechanism for coping with climate change. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 299-308.	4.0	240
25	Future climate vulnerability – evaluating multiple lines of evidence. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 367-376.	4.0	11
26	Effects of local land-use planning on development and disturbance in riparian areas. <i>Land Use Policy</i> , 2017, 60, 16-25.	5.6	24
27	Nature Contact and Human Health: A Research Agenda. <i>Environmental Health Perspectives</i> , 2017, 125, 075001.	6.0	719
28	Weighing the relative potential impacts of climate change and land-use change on an endangered bird. <i>Ecology and Evolution</i> , 2016, 6, 4468-4477.	1.9	11
29	Intrinsic and extrinsic drivers of source-sink dynamics. <i>Ecology and Evolution</i> , 2016, 6, 892-904.	1.9	34
30	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.	7.1	194
31	Relative vulnerability to climate change of trees in western North America. <i>Climatic Change</i> , 2016, 136, 367-379.	3.6	13
32	Understanding Perceptions of Climate Change, Priorities, and Decision-Making among Municipalities in Lima, Peru to Better Inform Adaptation and Mitigation Planning. <i>PLoS ONE</i> , 2016, 11, e0147201.	2.5	8
33	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.	4.7	188
34	Divergence in sink contributions to population persistence. <i>Conservation Biology</i> , 2015, 29, 1674-1683.	4.7	18
35	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.	2.6	107
36	Projecting the Hydrologic Impacts of Climate Change on Montane Wetlands. <i>PLoS ONE</i> , 2015, 10, e0136385.	2.5	49

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37	Adapting California's Ecosystems to a Changing Climate. <i>BioScience</i> , 2015, 65, 247-262.	4.9	22
38	Relative sensitivity to climate change of species in northwestern North America. <i>Biological Conservation</i> , 2015, 187, 127-133.	4.1	26
39	Relative influence of local and landscape factors on bird communities vary by species and functional group. <i>Landscape Ecology</i> , 2015, 30, 287-299.	4.2	21
40	Climate-induced range overlap among closely related species. <i>Nature Climate Change</i> , 2015, 5, 883-886.	18.8	33
41	Conserving Biodiversity: Practical Guidance about Climate Change Adaptation Approaches in Support of Land-use Planning. <i>Natural Areas Journal</i> , 2015, 35, 190-203.	0.5	92
42	Land Use as a Driver of Patterns of Rodenticide Exposure in Modeled Kit Fox Populations. <i>PLoS ONE</i> , 2015, 10, e0133351.	2.5	23
43	Biotic and Climatic Velocity Identify Contrasting Areas of Vulnerability to Climate Change. <i>PLoS ONE</i> , 2015, 10, e0140486.	2.5	94
44	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.	7.1	557
45	Perception, acquisition and use of ecosystem services: Human behavior, and ecosystem management and policy implications. <i>Ecosystem Services</i> , 2014, 10, 180-186.	5.4	119
46	Getting the most connectivity per conservation dollar. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 491-497.	4.0	30
47	Mapping sources, sinks, and connectivity using a simulation model of northern spotted owls. <i>Landscape Ecology</i> , 2014, 29, 579-592.	4.2	47
48	Dependence of the Endangered Black-capped Vireo on Sustained Cowbird Management. <i>Conservation Biology</i> , 2014, 28, 561-571.	4.7	23
49	Comparison of climate change vulnerability assessments for wildlife. <i>Wildlife Society Bulletin</i> , 2014, 38, 386-394.	1.6	25
50	Connectivity Planning to Address Climate Change. <i>Conservation Biology</i> , 2013, 27, 407-416.	4.7	164
51	Projected climate-driven faunal movement routes. <i>Ecology Letters</i> , 2013, 16, 1014-1022.	6.4	153
52	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.	4.0	125
53	Preparing for and managing change: climate adaptation for biodiversity and ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 502-510.	4.0	193
54	Tools for Assessing Climate Impacts on Fish and Wildlife. <i>Journal of Fish and Wildlife Management</i> , 2013, 4, 220-241.	0.9	10

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55	Projected Climate-induced Habitat Loss for Salmonids in the John Day River Network, Oregon, U.S.A.. <i>Conservation Biology</i> , 2012, 26, 873-882.	4.7	75
56	Maximising return on conservation investment in the conterminous USA. <i>Ecology Letters</i> , 2012, 15, 1249-1256.	6.4	71
57	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.	11.0	31
58	Will extreme climatic events facilitate biological invasions?. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 249-257.	4.0	402
59	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.	7.1	437
60	Global change, global trade, and the next wave of plant invasions. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 20-28.	4.0	195
61	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.	2.7	106
62	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.	4.9	35
63	Systematic Conservation Planning in the Face of Climate Change: Bet-Hedging on the Columbia Plateau. <i>PLoS ONE</i> , 2011, 6, e28788.	2.5	39
64	Conservation for any budget. <i>Nature Climate Change</i> , 2011, 1, 350-351.	18.8	0
65	Challenges and Opportunities in Implementing Managed Relocation for Conservation of Freshwater Species. <i>Conservation Biology</i> , 2011, 25, 40-47.	4.7	125
66	Species-level correlates of susceptibility to the pathogenic amphibian fungus <i>Batrachochytrium dendrobatidis</i> in the United States. <i>Biodiversity and Conservation</i> , 2011, 20, 1911-1920.	2.6	47
67	Reframing the debate over assisted colonization. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 569-574.	4.0	77
68	Projected Climate Impacts for the Amphibians of the Western Hemisphere. <i>Conservation Biology</i> , 2010, 24, 38-50.	4.7	127
69	Resource management in a changing and uncertain climate. <i>Frontiers in Ecology and the Environment</i> , 2010, 8, 35-43.	4.0	157
70	Direct and Indirect Effects of Climate Change on Amphibian Populations. <i>Diversity</i> , 2010, 2, 281-313.	1.7	255
71	Recent and Widespread Rapid Morphological Change in Rodents. <i>PLoS ONE</i> , 2009, 4, e6452.	2.5	81
72	Climate Change Adaptation for the US National Wildlife Refuge System. <i>Environmental Management</i> , 2009, 44, 1043-1052.	2.7	41

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73	U.S. Natural Resources and Climate Change: Concepts and Approaches for Management Adaptation. <i>Environmental Management</i> , 2009, 44, 1001-1021.	2.7	151
74	Climate Change Adaptation Strategies for Resource Management and Conservation Planning. <i>Annals of the New York Academy of Sciences</i> , 2009, 1162, 79-98.	3.8	262
75	Why do we fly? Ecologists' sins of emission. <i>Frontiers in Ecology and the Environment</i> , 2009, 7, 294-296.	4.0	74
76	Projected climate-induced faunal change in the Western Hemisphere. <i>Ecology</i> , 2009, 90, 588-597.	3.2	349
77	Applied Climate-Change Analysis: The Climate Wizard Tool. <i>PLoS ONE</i> , 2009, 4, e8320.	2.5	153
78	A reassessment of the interface between conservation and behaviour. <i>Animal Behaviour</i> , 2008, 75, 731-737.	1.9	60
79	Machine Learning Methods Without Tears: A Primer for Ecologists. <i>Quarterly Review of Biology</i> , 2008, 83, 171-193.	0.1	561
80	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.	7.1	311
81	RANDOM FORESTS FOR CLASSIFICATION IN ECOLOGY. <i>Ecology</i> , 2007, 88, 2783-2792.	3.2	3,224
82	Academic Institutions in the United States and Canada Ranked According to Research Productivity in the Field of Conservation Biology. <i>Conservation Biology</i> , 2007, 21, 1139-1144.	4.7	20
83	Conservation science: a 20-year report card. <i>Frontiers in Ecology and the Environment</i> , 2006, 4, 473-480.	4.0	169
84	A Variance-decomposition Approach to Investigating Multiscale Habitat Associations. <i>Condor</i> , 2006, 108, 47.	1.6	49
85	A Variance-decomposition Approach to Investigating Multiscale Habitat Associations. <i>Condor</i> , 2006, 108, 47-58.	1.6	54
86	Cross-scale Correlations and the Design and Analysis of Avian Habitat Selection Studies. <i>Condor</i> , 2006, 108, 59-70.	1.6	44
87	Predicting climate-induced range shifts: model differences and model reliability. <i>Global Change Biology</i> , 2006, 12, 1568-1584.	9.5	298
88	Cross-scale Correlations and the Design and Analysis of Avian Habitat Selection Studies. <i>Condor</i> , 2006, 108, 59.	1.6	46
89	Predicting Recovery from Acidic Deposition: Applying a Modified TAF (Tracking and Analysis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 383-399.	2.4	4
90	HOW WELL DO CONSISTENTLY MONITORED BREEDING BIRD SURVEY ROUTES REPRESENT THE ENVIRONMENTS OF THE CONTERMINOUS UNITED STATES?. <i>Condor</i> , 2004, 106, 801.	1.6	25

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91	Evaluating Habitat as a Surrogate for Population Viability Using a Spatially Explicit Population Model. Environmental Monitoring and Assessment, 2004, 94, 85-100.	2.7	12
92	Book review, Integrated Public Lands Management: A Coarse-Scale Economic Perspective. Landscape Ecology, 2003, 18, 207-208.	4.2	0
93	Rare Species and the Use of Indicator Groups for Conservation Planning. Conservation Biology, 2003, 17, 875-882.	4.7	173
94	COMPOSITION OF CAVITY-NESTING BIRD COMMUNITIES IN MONTANE ASPEN WOODLAND FRAGMENTS: THE ROLES OF LANDSCAPE CONTEXT AND FOREST STRUCTURE. Condor, 2002, 104, 890.	1.6	15
95	Composition of Cavity-Nesting Bird Communities in Montane Aspen Woodland Fragments: The Roles of Landscape Context and Forest Structure. Condor, 2002, 104, 890-896.	1.6	16
96	Title is missing!. Landscape Ecology, 2002, 17, 233-245.	4.2	48
97	Nest-site selection in Savannah sparrows: using gulls as scarecrows?. Animal Behaviour, 1997, 53, 197-208.	1.9	31