

James R Miller

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

6,223
citations

136940

32
h-index

82542

72
g-index

98
all docs

98
docs citations

98
times ranked

6981
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodiversity conservation and the extinction of experience. <i>Trends in Ecology and Evolution</i> , 2005, 20, 430-434.	8.7	950
2	Conservation Where People Live and Work. <i>Conservation Biology</i> , 2002, 16, 330-337.	4.7	635
3	Estimating the cumulative effects of development on wildlife habitat. <i>Landscape and Urban Planning</i> , 1997, 39, 25-36.	7.5	327
4	Landscape indicators of human impacts to riverine systems. , 2002, 64, 118-128.		325
5	Nonspecific X-linked mental retardation II: The frequency in British Columbia. <i>American Journal of Medical Genetics Part A</i> , 1980, 7, 461-469.	2.4	272
6	Habitat Restorationâ€”Do We Know What Weâ€™re Doing?. <i>Restoration Ecology</i> , 2007, 15, 382-390.	2.9	246
7	Urbanization and the Predation Paradox: The Role of Trophic Dynamics in Structuring Vertebrate Communities. <i>BioScience</i> , 2012, 62, 809-818.	4.9	197
8	The database of the <sc>PREDICTS</sc> (Projecting Responses of Ecological Diversity In Changing) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	186
9	The <sc>PREDICTS</sc> database: a global database of how local terrestrial biodiversity responds to human impacts. <i>Ecology and Evolution</i> , 2014, 4, 4701-4735.	1.9	178
10	Spatial Extrapolation: The Science of Predicting Ecological Patterns and Processes. <i>BioScience</i> , 2004, 54, 310.	4.9	163
11	Categorizing wildlife responses to urbanization and conservation implications of terminology. <i>Conservation Biology</i> , 2015, 29, 1246-1248.	4.7	151
12	Improving city life: options for ecological restoration in urban landscapes and how these might influence interactions between people and nature. <i>Landscape Ecology</i> , 2013, 28, 1213-1221.	4.2	129
13	Recreational trails, human activity, and nest predation in lowland riparian areas. <i>Landscape and Urban Planning</i> , 2000, 50, 227-236.	7.5	120
14	EFFECTS OF HUMAN SETTLEMENT ON BIRD COMMUNITIES IN LOWLAND RIPARIAN AREAS OF COLORADO (USA). , 2003, 13, 1041-1059.		107
15	HABITAT AND LANDSCAPE CHARACTERISTICS UNDERLYING ANURAN COMMUNITY STRUCTURE ALONG AN URBANâ€”RURAL GRADIENT. <i>Ecological Applications</i> , 2008, 18, 1107-1118.	3.8	100
16	Restoration, reconciliation, and reconnecting with nature nearby. <i>Biological Conservation</i> , 2006, 127, 356-361.	4.1	96
17	Butterfly responses to prairie restoration through fire and grazing. <i>Biological Conservation</i> , 2007, 140, 78-90.	4.1	91
18	BEHAVIORAL MECHANISMS AND HABITAT USE BY BIRDS IN A FRAGMENTED AGRICULTURAL LANDSCAPE. , 2000, 10, 1732-1748.		76

#	ARTICLE	IF	CITATIONS
19	Untangling the effects of fire, grazing, and land-use legacies on grassland butterfly communities. <i>Biodiversity and Conservation</i> , 2012, 21, 2719-2746.	2.6	76
20	Forest roads and landscape structure in the southern Rocky Mountains. <i>Landscape Ecology</i> , 1996, 11, 115-127.	4.2	67
21	Distribution and abundance of trees in floodplain forests of the Wisconsin River: Environmental influences at different scales. <i>Journal of Vegetation Science</i> , 2004, 15, 729-738.	2.2	65
22	Spatial heterogeneity across five rangelands managed with pyric herbivory. <i>Journal of Applied Ecology</i> , 2012, 49, 903-910.	4.0	65
23	Changes in the landscape structure of a southeastern Wyoming riparian zone following shifts in stream dynamics. <i>Biological Conservation</i> , 1995, 72, 371-379.	4.1	64
24	Biodiversity Conservation in Local Planning. <i>Conservation Biology</i> , 2009, 23, 53-63.	4.7	64
25	What's wrong with novel ecosystems, really?. <i>Restoration Ecology</i> , 2016, 24, 577-582.	2.9	62
26	APPLYING SPECIES DIVERSITY THEORY TO LAND MANAGEMENT. , 2003, 13, 1750-1761.		59
27	Effects of fire and grazing on grasshopper sparrow nest survival. <i>Journal of Wildlife Management</i> , 2012, 76, 19-27.	1.8	59
28	Evaluation of Central North American Prairie Management Based on Species Diversity, Life Form, and Individual Species Metrics. <i>Conservation Biology</i> , 2007, 21, 864-874.	4.7	57
29	A cross-taxonomic comparison of insect responses to grassland management and land-use legacies. <i>Ecosphere</i> , 2011, 2, art131.	2.2	55
30	Perceptions of Landowners Concerning Conservation, Grazing, Fire, and Eastern Redcedar Management in Tallgrass Prairie. <i>Rangeland Ecology and Management</i> , 2010, 63, 645-654.	2.3	52
31	RESPONSE OF AVIAN COMMUNITIES IN LARGE-RIVER FLOODPLAINS TO ENVIRONMENTAL VARIATION AT MULTIPLE SCALES. , 2004, 14, 1394-1410.		49
32	Nature reserves as catalysts for landscape change. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 144-152.	4.0	45
33	Predator identity influences the effect of habitat management on nest predation. <i>Ecological Applications</i> , 2015, 25, 1596-1605.	3.8	43
34	Another tool in the toolbox? Using fire and grazing to promote bird diversity in highly fragmented landscapes. <i>Ecosphere</i> , 2011, 2, art28.	2.2	42
35	Effects of grassland management practices on ant functional groups in central North America. <i>Journal of Insect Conservation</i> , 2013, 17, 699-713.	1.4	42
36	Patterns and mechanisms of invasive plant impacts on North American birds: a systematic review. <i>Biological Invasions</i> , 2017, 19, 1547-1563.	2.4	40

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37	An Invasive Grass Increases Live Fuel Proportion and Reduces Fire Spread in a Simulated Grassland. <i>Ecosystems</i> , 2013, 16, 158-169.	3.4	36
38	The role of <i>Ixodes scapularis</i> , <i>Borrelia burgdorferi</i> and wildlife hosts in Lyme disease prevalence: A quantitative review. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 1103-1114.	2.7	34
39	Reserve selection with minimum contiguous area restrictions: An application to open space protection planning in suburban Chicago. <i>Biological Conservation</i> , 2009, 142, 1617-1627.	4.1	32
40	Constraints to restoring fire and grazing ecological processes to optimize grassland vegetation structural diversity. <i>Ecological Engineering</i> , 2016, 95, 865-875.	3.6	32
41	Prenatal exposure to oral contraceptives and transposition of the great vessels in man. <i>Teratology</i> , 1975, 12, 239-243.	1.6	31
42	Landowners' perceptions of risk in grassland management: woody plant encroachment and prescribed fire. <i>Ecology and Society</i> , 2014, 19, .	2.3	31
43	Temporal variability in aboveground plant biomass decreases as spatial variability increases. <i>Ecology</i> , 2016, 97, 555-560.	3.2	30
44	Inconsistent outcomes of heterogeneity-based management underscore importance of matching evaluation to conservation objectives. <i>Environmental Science and Policy</i> , 2013, 31, 53-60.	4.9	29
45	Connecting Soil Organic Carbon and Root Biomass with Land-Use and Vegetation in Temperate Grassland. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	2.1	29
46	Postfledging Survival of Grasshopper Sparrows in Grasslands Managed with Fire and Grazing. <i>Condor</i> , 2011, 113, 429-437.	1.6	28
47	Urbanization, avian communities, and landscape ecology. , 2001, , 117-137.		27
48	Distribution and abundance of trees in floodplain forests of the Wisconsin River: Environmental influences at different scales. <i>Journal of Vegetation Science</i> , 2004, 15, 729.	2.2	27
49	Adapting the Fire-Grazing Interaction to Small Pastures in a Fragmented Landscape for Grassland Bird Conservation. <i>Rangeland Ecology and Management</i> , 2016, 69, 300-309.	2.3	25
50	Grazing and an invasive grass confound spatial pattern of exotic and native grassland plant species richness. <i>Basic and Applied Ecology</i> , 2012, 13, 654-662.	2.7	24
51	Assessing the Contribution of Songbirds to the Movement of Ticks and <i>Borrelia burgdorferi</i> in the Midwestern United States During Fall Migration. <i>EcoHealth</i> , 2015, 12, 164-173.	2.0	24
52	Prioritizing conservation targets in a rapidly urbanizing landscape. <i>Landscape and Urban Planning</i> , 2009, 93, 123-131.	7.5	21
53	The American Pond Belt: an untold story of conservation challenges and opportunities. <i>Frontiers in Ecology and the Environment</i> , 2021, 19, 501-509.	4.0	21
54	Broad-scale heterogeneity influences nest selection by Brown-headed Cowbirds. <i>Landscape Ecology</i> , 2013, 28, 1493-1503.	4.2	20

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55	Response of avian communities to invasive vegetation in urban forest fragments. <i>Condor</i> , 2014, 116, 459-471.	1.6	20
56	What drives private landowner decisions? Exploring non-native grass management in the eastern Great Plains. <i>Journal of Environmental Management</i> , 2020, 276, 111355.	7.8	20
57	Evaluating Nonresponse Bias in Survey Research Conducted in the Rural Midwest. <i>Society and Natural Resources</i> , 2020, 33, 968-986.	1.9	20
58	Impacts of the Location and Number of [Cu(bpy) ₂] ²⁺ Cross-Links on the Emission Photodynamics of [Ru(bpy) ₃] ²⁺ with Pendant Oligo(aminoethylglycine) Chains. <i>Journal of the American Chemical Society</i> , 2009, 131, 15291-15300.	13.7	19
59	Multivariate Analysis of Rangeland Vegetation and Soil Organic Carbon Describes Degradation, Informs Restoration and Conservation. <i>Land</i> , 2013, 2, 328-350.	2.9	18
60	Managing farm ponds as breeding sites for amphibians: key tradeoffs in agricultural function and habitat conservation. <i>Ecological Applications</i> , 2019, 29, e01964.	3.8	17
61	Landscape features predict the current and forecast the future geographic spread of Lyme disease. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20202278.	2.6	16
62	Assembly of a Trifunctional Artificial Peptide Into an Anti-Parallel Duplex with Three Cu(II) Cross-links. <i>Inorganic Chemistry</i> , 2011, 50, 949-955.	4.0	15
63	Bee Abundance and Nutritional Status in Relation to Grassland Management Practices in an Agricultural Landscape. <i>Environmental Entomology</i> , 2016, 45, 338-347.	1.4	15
64	Using Regional Climate Projections to Guide Grassland Community Restoration in the Face of Climate Change. <i>Frontiers in Plant Science</i> , 2017, 8, 730.	3.6	15
65	Contrasting impacts of invasive plants and human-altered landscape context on nest survival and brood parasitism of a grassland bird. <i>Landscape Ecology</i> , 2018, 33, 1799-1813.	4.2	15
66	A spatial agent-based model of the disease vector <i>Ixodes scapularis</i> to explore host-tick associations. <i>Ecological Modelling</i> , 2018, 387, 96-106.	2.5	13
67	Shifting Cattle Producer Beliefs on Stocking and Invasive Forage: Implications for Grassland Conservation. <i>Rangeland Ecology and Management</i> , 2019, 72, 888-898.	2.3	13
68	Restoring the fire-grazing interaction promotes tree-grass coexistence by controlling woody encroachment. <i>Ecosphere</i> , 2020, 11, e02993.	2.2	13
69	Two-sided edge responses of avian communities in an urban landscape. <i>Urban Ecosystems</i> , 2015, 18, 539-551.	2.4	11
70	Exotic-Dominated Grasslands Show Signs of Recovery with Cattle Grazing and Fire. <i>PLoS ONE</i> , 2016, 11, e0165758.	2.5	11
71	Identifying Opportunities to Conserve Farm Ponds on Private Lands: Integration of Social, Ecological, and Historical Data. <i>Land</i> , 2019, 8, 127.	2.9	10
72	Habitat Acquisition Strategies for Grassland Birds in an Urbanizing Landscape. <i>Environmental Management</i> , 2007, 40, 981-992.	2.7	9

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73	Cu ^{II} Cross-Linked Antiparallel Dipeptide Duplexes Using Heterofunctional Ligand-Substituted Aminoethylglycine. <i>Inorganic Chemistry</i> , 2010, 49, 5126-5133.	4.0	9
74	What the novel ecosystem concept provides: a reply to Kattan et al. <i>Restoration Ecology</i> , 2017, 25, 488-490.	2.9	8
75	Maintenance of <i>Borrelia burgdorferi</i> among vertebrate hosts: a test of dilution effect mechanisms. <i>Ecosphere</i> , 2020, 11, e03048.	2.2	7
76	Effect of Soil pH on the Availability of Magnesium to Corn (<i>Zea mays</i> L.) from Magnesium Sulfate and High Magnesium Liming Materials. <i>Soil Science Society of America Journal</i> , 1967, 31, 390-393.	2.2	6
77	Evaluating the ability of regional models to predict local avian abundance. <i>Journal of Wildlife Management</i> , 2012, 76, 1177-1187.	1.8	6
78	Cattle select against the invasive grass tall fescue in heterogeneous pastures managed with prescribed fire. <i>Grass and Forage Science</i> , 2019, 74, 486-495.	2.9	6
79	The immersive visualization probe for exploring n-dimensional spaces. <i>IEEE Computer Graphics and Applications</i> , 2004, 24, 76-85.	1.2	5
80	Patch-burn Grazing Moderates Eastern Meadowlark Nest Survival in Midwestern Grasslands. <i>American Midland Naturalist</i> , 2016, 176, 72-80.	0.4	5
81	Canadian College of Medical Geneticists. <i>American Journal of Medical Genetics Part A</i> , 1979, 3, 11-14.	2.4	4
82	Land-use history and an invasive grass affect tallgrass prairie sedge community composition. <i>Applied Vegetation Science</i> , 2015, 18, 209-219.	1.9	4
83	A Digital Morphometric Approach for Quantifying Ped Shape. <i>Soil Science Society of America Journal</i> , 2016, 80, 1604-1618.	2.2	4
84	Avian and Habitat Characteristics Influence Tick Infestation Among Birds in Illinois. <i>Journal of Medical Entomology</i> , 2017, 54, 550-558.	1.8	4
85	Do habitat preferences improve fitness? Context-specific adaptive habitat selection by a grassland songbird. <i>Oecologia</i> , 2020, 193, 15-26.	2.0	4
86	Using Adaptive Management to Restore Grasslands Invaded by Tall Fescue (<i>Schedonorus</i>)	2.3	4
87	Response to letter to the editor of Doctor Nora. <i>Teratology</i> , 1977, 15, 332-332.	1.6	3
88	Further comments on "contraceptive hormones and congenital heart disease". <i>Teratology</i> , 1978, 17, 359-360.	1.6	3
89	Embryo transfer in the analysis of teratological responses of mice: A critical examination. <i>Teratology</i> , 1980, 21, 333-338.	1.6	3
90	Rewilding and restoration. , 2019, , 123-141.		3

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91	Moderate Grazer Density Stabilizes Forage Availability More Than Patch Burning in Low-Stature Grassland. <i>Land</i> , 2021, 10, 395.	2.9	2
92	Recoupling cross-scale interactions in tall fescue-invaded tallgrass prairie. <i>Landscape Ecology</i> , 0, , 1.	4.2	2
93	The genetics of dermal ridges. Sarah B. Holt, Thomas, Springfield, Illinois, 195pp. 1968. <i>Teratology</i> , 1970, 3, 101-102.	1.6	1
94	NMR investigations of the solution structures of Ru ^{II} -Zn complexes tethered by oligo(aminoethylglycine) chains. <i>Polyhedron</i> , 2012, 40, 118-124.	2.2	1
95	Recommendations on experimentation with children: Some differences in Canadian and American approaches. <i>Bioethics Quarterly</i> , 1980, 2, 141-147.	0.2	0
96	Increased abundance and productivity of a grassland bird after experimental control of invasive tall fescue. <i>Restoration Ecology</i> , 0, , .	2.9	0