

James R Miller

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96
papers

4,891
citations

34
h-index

69
g-index

98
ext. papers

5,503
ext. citations

4.1
avg, IF

5.93
L-index

#	Paper	IF	Citations
96	Biodiversity conservation and the extinction of experience. <i>Trends in Ecology and Evolution</i> , 2005 , 20, 430-4	10.9	735
95	Conservation Where People Live and Work. <i>Conservation Biology</i> , 2002 , 16, 330-337	6	541
94	Estimating the cumulative effects of development on wildlife habitat. <i>Landscape and Urban Planning</i> , 1997 , 39, 25-36	7.7	283
93	Landscape indicators of human impacts to riverine systems 2002 , 64, 118-128		265
92	Nonspecific X-linked mental retardation II: the frequency in British Columbia. <i>American Journal of Medical Genetics Part A</i> , 1980 , 7, 461-9		242
91	Habitat Restoration Do We Know What We're Doing?. <i>Restoration Ecology</i> , 2007 , 15, 382-390	3.1	204
90	Spatial Extrapolation: The Science of Predicting Ecological Patterns and Processes. <i>BioScience</i> , 2004 , 54, 310	5.7	136
89	Urbanization and the Predation Paradox: The Role of Trophic Dynamics in Structuring Vertebrate Communities. <i>BioScience</i> , 2012 , 62, 809-818	5.7	133
88	The PREDICTS database: a global database of how local terrestrial biodiversity responds to human impacts. <i>Ecology and Evolution</i> , 2014 , 4, 4701-35	2.8	132
87	Categorizing wildlife responses to urbanization and conservation implications of terminology. <i>Conservation Biology</i> , 2015 , 29, 1246-8	6	105
86	The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) project. <i>Ecology and Evolution</i> , 2017 , 7, 145-188	2.8	101
85	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	4.3	97
84	Recreational trails, human activity, and nest predation in lowland riparian areas. <i>Landscape and Urban Planning</i> , 2000 , 50, 227-236	7.7	95
83	Habitat and landscape characteristics underlying anuran community structure along an urban-rural gradient 2008 , 18, 1107-18		87
82	EFFECTS OF HUMAN SETTLEMENT ON BIRD COMMUNITIES IN LOWLAND RIPARIAN AREAS OF COLORADO (USA) 2003 , 13, 1041-1059		87
81	Restoration, reconciliation, and reconnecting with nature nearby. <i>Biological Conservation</i> , 2006 , 127, 356-361	6.2	84
80	Butterfly responses to prairie restoration through fire and grazing. <i>Biological Conservation</i> , 2007 , 140, 78-90	6.2	76

79	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	3.1	60
78	BEHAVIORAL MECHANISMS AND HABITAT USE BY BIRDS IN A FRAGMENTED AGRICULTURAL LANDSCAPE 2000 , 10, 1732-1748		60
77	Changes in the landscape structure of a southeastern Wyoming riparian zone following shifts in stream dynamics. <i>Biological Conservation</i> , 1995 , 72, 371-379	6.2	59
76	Untangling the effects of fire, grazing, and land-use legacies on grassland butterfly communities. <i>Biodiversity and Conservation</i> , 2012 , 21, 2719-2746	3.4	58
75	Forest roads and landscape structure in the southern Rocky Mountains. <i>Landscape Ecology</i> , 1996 , 11, 115-127	4.3	57
74	Biodiversity conservation in local planning. <i>Conservation Biology</i> , 2009 , 23, 53-63	6	56
73	What's wrong with novel ecosystems, really?. <i>Restoration Ecology</i> , 2016 , 24, 577-582	3.1	52
72	Effects of fire and grazing on grasshopper sparrow nest survival. <i>Journal of Wildlife Management</i> , 2012 , 76, 19-27	1.9	52
71	Spatial heterogeneity across five rangelands managed with pyric-herbivory. <i>Journal of Applied Ecology</i> , 2012 , 49, 903-910	5.8	50
70	APPLYING SPECIES DIVERSITY THEORY TO LAND MANAGEMENT 2003 , 13, 1750-1761		50
69	Evaluation of Central North American prairie management based on species diversity, life form, and individual species metrics. <i>Conservation Biology</i> , 2007 , 21, 864-74	6	48
68	RESPONSE OF AVIAN COMMUNITIES IN LARGE-RIVER FLOODPLAINS TO ENVIRONMENTAL VARIATION AT MULTIPLE SCALES 2004 , 14, 1394-1410		41
67	A cross-taxonomic comparison of insect responses to grassland management and land-use legacies. <i>Ecosphere</i> , 2011 , 2, art131	3.1	40
66	Nature reserves as catalysts for landscape change. <i>Frontiers in Ecology and the Environment</i> , 2012 , 10, 144-152	5.5	38
65	Another tool in the toolbox? Using fire and grazing to promote bird diversity in highly fragmented landscapes. <i>Ecosphere</i> , 2011 , 2, art28	3.1	37
64	Perceptions of Landowners Concerning Conservation, Grazing, Fire, and Eastern Redcedar Management in Tallgrass Prairie. <i>Rangeland Ecology and Management</i> , 2010 , 63, 645-654	2.2	36
63	Effects of grassland management practices on ant functional groups in central North America. <i>Journal of Insect Conservation</i> , 2013 , 17, 699-713	2.1	35
62	Predator identity influences the effect of habitat management on nest predation 2015 , 25, 1596-605		34

61	An Invasive Grass Increases Live Fuel Proportion and Reduces Fire Spread in a Simulated Grassland. <i>Ecosystems</i> , 2013 , 16, 158-169	3.9	29
60	Prenatal exposure to oral contraceptives and transposition of the great vessels in man. <i>Teratology</i> , 1975 , 12, 239-43		29
59	Patterns and mechanisms of invasive plant impacts on North American birds: a systematic review. <i>Biological Invasions</i> , 2017 , 19, 1547-1563	2.7	27
58	Postfledging Survival of Grasshopper Sparrows in Grasslands Managed with Fire and Grazing. <i>Condor</i> , 2011 , 113, 429-437	2.1	25
57	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	6.2	24
56	Inconsistent outcomes of heterogeneity-based management underscore importance of matching evaluation to conservation objectives. <i>Environmental Science and Policy</i> , 2013 , 31, 53-60	6.2	22
55	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	3.2	22
54	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, 164-73	3.1	21
53	Constraints to restoring fire and grazing ecological processes to optimize grassland vegetation structural diversity. <i>Ecological Engineering</i> , 2016 , 95, 865-875	3.9	21
52	Landowners' perceptions of risk in grassland management: woody plant encroachment and prescribed fire. <i>Ecology and Society</i> , 2014 , 19,	4.1	21
51	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	2.2	19
50	Urbanization, avian communities, and landscape ecology 2001 , 117-137		19
49	Response of avian communities to invasive vegetation in urban forest fragments Respuesta de las comunidades de aves a la vegetaci3n invasora en fragmentos urbanos de bosque Avian response to invasive plants in urban forests. <i>Condor</i> , 2014 , 116, 459-471	2.1	18
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	3.1	18
47	Temporal variability in aboveground plant biomass decreases as spatial variability increases. <i>Ecology</i> , 2015 , 97, 555	4.6	17
46	Prioritizing conservation targets in a rapidly urbanizing landscape. <i>Landscape and Urban Planning</i> , 2009 , 93, 123-131	7.7	17
45	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, 15291-300	16.4	16
44	Broad-scale heterogeneity influences nest selection by Brown-headed Cowbirds. <i>Landscape Ecology</i> , 2013 , 28, 1493-1503	4.3	15

43	Multivariate Analysis of Rangeland Vegetation and Soil Organic Carbon Describes Degradation, Informs Restoration and Conservation. <i>Land</i> , 2013 , 2, 328-350	3.5	15
42	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	3.6	14
41	Assembly of a trifunctional artificial peptide into an anti-parallel duplex with three Cu(II) cross-links. <i>Inorganic Chemistry</i> , 2011 , 50, 949-55	5.1	14
40	Managing farm ponds as breeding sites for amphibians: key trade-offs in agricultural function and habitat conservation. <i>Ecological Applications</i> , 2019 , 29, e01964	4.9	13
39	Bee Abundance and Nutritional Status in Relation to Grassland Management Practices in an Agricultural Landscape. <i>Environmental Entomology</i> , 2016 , 45, 338-47	2.1	13
38	What drives private landowner decisions? Exploring non-native grass management in the eastern Great Plains. <i>Journal of Environmental Management</i> , 2020 , 276, 111355	7.9	12
37	Identifying Opportunities to Conserve Farm Ponds on Private Lands: Integration of Social, Ecological, and Historical Data. <i>Land</i> , 2019 , 8, 127	3.5	9
36	Shifting Cattle Producer Beliefs on Stocking and Invasive Forage: Implications for Grassland Conservation. <i>Rangeland Ecology and Management</i> , 2019 , 72, 888-898	2.2	9
35	Evaluating Nonresponse Bias in Survey Research Conducted in the Rural Midwest. <i>Society and Natural Resources</i> , 2020 , 33, 968-986	2.4	8
34	Restoring the fire-grazing interaction promotes tree-grass coexistence by controlling woody encroachment. <i>Ecosphere</i> , 2020 , 11, e02993	3.1	8
33	Using Regional Climate Projections to Guide Grassland Community Restoration in the Face of Climate Change. <i>Frontiers in Plant Science</i> , 2017 , 8, 730	6.2	8
32	Cu(II) cross-linked antiparallel dipeptide duplexes using heterofunctional ligand-substituted aminoethylglycine. <i>Inorganic Chemistry</i> , 2010 , 49, 5126-33	5.1	8
31	Exotic-Dominated Grasslands Show Signs of Recovery with Cattle Grazing and Fire. <i>PLoS ONE</i> , 2016 , 11, e0165758	3.7	8
30	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	4.4	8
29	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	3	8
28	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	4.3	8
27	Two-sided edge responses of avian communities in an urban landscape. <i>Urban Ecosystems</i> , 2015 , 18, 539-551	5.1	7
26	Habitat acquisition strategies for grassland birds in an urbanizing landscape. <i>Environmental Management</i> , 2007 , 40, 981-92	3.1	7

25	What the novel ecosystem concept provides: a reply to Kattan et al. <i>Restoration Ecology</i> , 2017 , 25, 488-490	4.0	6
24	Evaluating the ability of regional models to predict local avian abundance. <i>Journal of Wildlife Management</i> , 2012 , 76, 1177-1187	1.9	6
23	The American Pond Belt: an untold story of conservation challenges and opportunities. <i>Frontiers in Ecology and the Environment</i> ,	5.5	6
22	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	2.3	4
21	Avian and Habitat Characteristics Influence Tick Infestation Among Birds in Illinois. <i>Journal of Medical Entomology</i> , 2017 , 54, 550-558	2.2	4
20	Connecting soil organic carbon and root biomass with land-use and vegetation in temperate grassland. <i>Scientific World Journal, The</i> , 2014 , 2014, 487563	2.2	4
19	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	2.5	4
18	A Digital Morphometric Approach for Quantifying Ped Shape. <i>Soil Science Society of America Journal</i> , 2016 , 80, 1604-1618	2.5	4
17	Maintenance of <i>Borrelia burgdorferi</i> among vertebrate hosts: a test of dilution effect mechanisms. <i>Ecosphere</i> , 2020 , 11, e03048	3.1	4
16	Land-use history and an invasive grass affect tallgrass prairie sedge community composition. <i>Applied Vegetation Science</i> , 2015 , 18, 209-219	3.3	3
15	The immersive visualization probe for exploring n-dimensional spaces. <i>IEEE Computer Graphics and Applications</i> , 2004 , 24, 76-85	1.7	3
14	Embryo transfer in the analysis of teratological responses of mice: a critical examination. <i>Teratology</i> , 1980 , 21, 333-8		3
13	Response to letter to the editor of Doctor Nora. <i>Teratology</i> , 1977 , 15, 332-332		3
12	Further comments on "contraceptive hormones and congenital heart disease". <i>Teratology</i> , 1978 , 17, 359-60		3
11	Canadian college of medical geneticists. <i>American Journal of Medical Genetics Part A</i> , 1979 , 3, 11-4		3
10	Do habitat preferences improve fitness? Context-specific adaptive habitat selection by a grassland songbird. <i>Oecologia</i> , 2020 , 193, 15-26	2.9	2
9	Patch-burn Grazing Moderates Eastern Meadowlark Nest Survival in Midwestern Grasslands. <i>American Midland Naturalist</i> , 2016 , 176, 72-80	0.7	2
8	NMR investigations of the solution structures of Ru(II) complexes tethered by oligo(aminoethylglycine) chains. <i>Polyhedron</i> , 2012 , 40, 118-124	2.7	1

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| 7 | The genetics of dermal ridges. Sarah B. Holt, Thomas, Springfield, Illinois, 195pp. 1968. <i>Teratology</i> , 1970 , 3, 101-102 | | 1 |
| 6 | Recoupling cross-scale interactions in tall fescue-invaded tallgrass prairie. <i>Landscape Ecology</i> , 1 | 4.3 | 1 |
| 5 | Using Adaptive Management to Restore Grasslands Invaded by Tall Fescue (<i>Schedonorus arundinaceus</i>). <i>Rangeland Ecology and Management</i> , 2021 , 76, 84-94 | 2.2 | 1 |
| 4 | Moderate Grazer Density Stabilizes Forage Availability More Than Patch Burning in Low-Stature Grassland. <i>Land</i> , 2021 , 10, 395 | 3.5 | 0 |
| 3 | Rewilding and restoration 2019 , 123-141 | | |
| 2 | Habitat and Landscape Design: Concepts, Constraints and Opportunities 81-95 | | |
| 1 | Recommendations on experimentation with children: some differences in Canadian and American approaches. <i>Bioethics Quarterly</i> , 1980 , 2, 141-7 | | |