

James R Miller

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/11840451/james-r-miller-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Moderate Grazer Density Stabilizes Forage Availability More Than Patch Burning in Low-Stature Grassland. <i>Land</i> , 2021 , 10, 395	3.5	0
95	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
94	Evaluating Nonresponse Bias in Survey Research Conducted in the Rural Midwest. <i>Society and Natural Resources</i> , 2020 , 33, 968-986	2.4	8
93	Do habitat preferences improve fitness? Context-specific adaptive habitat selection by a grassland songbird. <i>Oecologia</i> , 2020 , 193, 15-26	2.9	2
92	Restoring the fire-grazing interaction promotes tree-grass coexistence by controlling woody encroachment. <i>Ecosphere</i> , 2020 , 11, e02993	3.1	8
91	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
90	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
89	Maintenance of <i>Borrelia burgdorferi</i> among vertebrate hosts: a test of dilution effect mechanisms. <i>Ecosphere</i> , 2020 , 11, e03048	3.1	4
88	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
87	Rewilding and restoration 2019 , 123-141		
86	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
85	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
84	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
83	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
82	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
81	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
80	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

79	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
78	Avian and Habitat Characteristics Influence Tick Infestation Among Birds in Illinois. <i>Journal of Medical Entomology</i> , 2017 , 54, 550-558	2.2	4
77	What the novel ecosystem concept provides: a reply to Kattan et al. <i>Restoration Ecology</i> , 2017 , 25, 488-490	3.0	6
76	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
75	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
74	What's wrong with novel ecosystems, really?. <i>Restoration Ecology</i> , 2016 , 24, 577-582	3.1	52
73	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
72	Exotic-Dominated Grasslands Show Signs of Recovery with Cattle Grazing and Fire. <i>PLoS ONE</i> , 2016 , 11, e0165758	3.7	8
71	Patch-burn Grazing Moderates Eastern Meadowlark Nest Survival in Midwestern Grasslands. <i>American Midland Naturalist</i> , 2016 , 176, 72-80	0.7	2
70	A Digital Morphometric Approach for Quantifying Ped Shape. <i>Soil Science Society of America Journal</i> , 2016 , 80, 1604-1618	2.5	4
69	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
68	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
67	Two-sided edge responses of avian communities in an urban landscape. <i>Urban Ecosystems</i> , 2015 , 18, 539-551	2.8	7
66	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
65	Temporal variability in aboveground plant biomass decreases as spatial variability increases. <i>Ecology</i> , 2015 , 97, 555	4.6	17
64	Predator identity influences the effect of habitat management on nest predation 2015 , 25, 1596-605		34
63	Categorizing wildlife responses to urbanization and conservation implications of terminology. <i>Conservation Biology</i> , 2015 , 29, 1246-8	6	105
62	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

61	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
60	Landowners' perceptions of risk in grassland management: woody plant encroachment and prescribed fire. <i>Ecology and Society</i> , 2014 , 19,	4.1	21
59	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
58	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
57	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
56	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
55	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
54	Broad-scale heterogeneity influences nest selection by Brown-headed Cowbirds. <i>Landscape Ecology</i> , 2013 , 28, 1493-1503	4.3	15
53	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
52	Spatial heterogeneity across five rangelands managed with pyric-herbivory. <i>Journal of Applied Ecology</i> , 2012 , 49, 903-910	5.8	50
51	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
50	Urbanization and the Predation Paradox: The Role of Trophic Dynamics in Structuring Vertebrate Communities. <i>BioScience</i> , 2012 , 62, 809-818	5.7	133
49	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
48	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
47	Effects of fire and grazing on grasshopper sparrow nest survival. <i>Journal of Wildlife Management</i> , 2012 , 76, 19-27	1.9	52
46	Evaluating the ability of regional models to predict local avian abundance. <i>Journal of Wildlife Management</i> , 2012 , 76, 1177-1187	1.9	6
45	Nature reserves as catalysts for landscape change. <i>Frontiers in Ecology and the Environment</i> , 2012 , 10, 144-152	5.5	38
44	A cross-taxonomic comparison of insect responses to grassland management and land-use legacies. <i>Ecosphere</i> , 2011 , 2, art131	3.1	40

43	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
42	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
41	Postfledging Survival of Grasshopper Sparrows in Grasslands Managed with Fire and Grazing. <i>Condor</i> , 2011 , 113, 429-437	2.1	25
40	Cu(II) cross-linked antiparallel dipeptide duplexes using heterofunctional ligand-substituted aminoethylglycine. <i>Inorganic Chemistry</i> , 2010 , 49, 5126-33	5.1	8
39	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
38	Biodiversity conservation in local planning. <i>Conservation Biology</i> , 2009 , 23, 53-63	6	56
37	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
36	Prioritizing conservation targets in a rapidly urbanizing landscape. <i>Landscape and Urban Planning</i> , 2009 , 93, 123-131	7.7	17
35	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
34	Habitat and landscape characteristics underlying anuran community structure along an urban-rural gradient 2008 , 18, 1107-18		87
33	Habitat Restoration Do We Know What We're Doing?. <i>Restoration Ecology</i> , 2007 , 15, 382-390	3.1	204
32	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
31	Habitat acquisition strategies for grassland birds in an urbanizing landscape. <i>Environmental Management</i> , 2007 , 40, 981-92	3.1	7
30	Butterfly responses to prairie restoration through fire and grazing. <i>Biological Conservation</i> , 2007 , 140, 78-90	6.2	76
29	Restoration, reconciliation, and reconnecting with nature nearby. <i>Biological Conservation</i> , 2006 , 127, 356-361	6.2	84
28	Biodiversity conservation and the extinction of experience. <i>Trends in Ecology and Evolution</i> , 2005 , 20, 430-4	10.9	735
27	RESPONSE OF AVIAN COMMUNITIES IN LARGE-RIVER FLOODPLAINS TO ENVIRONMENTAL VARIATION AT MULTIPLE SCALES 2004 , 14, 1394-1410		41
26	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

25	Spatial Extrapolation: The Science of Predicting Ecological Patterns and Processes. <i>BioScience</i> , 2004 , 54, 310	5.7	136
24	The immersive visualization probe for exploring n-dimensional spaces. <i>IEEE Computer Graphics and Applications</i> , 2004 , 24, 76-85	1.7	3
23	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
22	EFFECTS OF HUMAN SETTLEMENT ON BIRD COMMUNITIES IN LOWLAND RIPARIAN AREAS OF COLORADO (USA) 2003 , 13, 1041-1059		87
21	APPLYING SPECIES DIVERSITY THEORY TO LAND MANAGEMENT 2003 , 13, 1750-1761		50
20	Landscape indicators of human impacts to riverine systems 2002 , 64, 118-128		265
19	Conservation Where People Live and Work. <i>Conservation Biology</i> , 2002 , 16, 330-337	6	541
18	Urbanization,avian communities,and landscape ecology 2001 , 117-137		19
17	BEHAVIORAL MECHANISMS AND HABITAT USE BY BIRDS IN A FRAGMENTED AGRICULTURAL LANDSCAPE 2000 , 10, 1732-1748		60
16	Recreational trails, human activity, and nest predation in lowland riparian areas. <i>Landscape and Urban Planning</i> , 2000 , 50, 227-236	7.7	95
15	Estimating the cumulative effects of development on wildlife habitat. <i>Landscape and Urban Planning</i> , 1997 , 39, 25-36	7.7	283
14	Forest roads and landscape structure in the southern Rocky Mountains. <i>Landscape Ecology</i> , 1996 , 11, 115-127	4.3	57
13	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
12	Recommendations on experimentation with children: some differences in Canadian and American approaches. <i>Bioethics Quarterly</i> , 1980 , 2, 141-7		
11	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
10	Embryo transfer in the analysis of teratological responses of mice: a critical examination. <i>Teratology</i> , 1980 , 21, 333-8		3
9	Canadian college of medical geneticists. <i>American Journal of Medical Genetics Part A</i> , 1979 , 3, 11-4		3
8	Further comments on "contraceptive hormones and congenital heart disease". <i>Teratology</i> , 1978 , 17, 359-60		3

7	Response to letter to the editor of Doctor Nora. <i>Teratology</i> , 1977 , 15, 332-332		3
6	Prenatal exposure to oral contraceptives and transposition of the great vessels in man. <i>Teratology</i> , 1975 , 12, 239-43		29
5	The genetics of dermal ridges. Sarah B. Holt, Thomas, Springfield, Illinois, 195pp. 1968. <i>Teratology</i> , 1970 , 3, 101-102		1
4	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
3	Habitat and Landscape Design: Concepts, Constraints and Opportunities81-95		
2	Recoupling cross-scale interactions in tall fescue-invaded tallgrass prairie. <i>Landscape Ecology</i> ,1	4.3	1
1	The American Pond Belt: an untold story of conservation challenges and opportunities. <i>Frontiers in Ecology and the Environment</i> ,	5.5	6