

David M Engle

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

3,795
citations

172457

29
h-index

206112

48
g-index

51
all docs

51
docs citations

51
times ranked

2756
citing authors

#	ARTICLE	IF	CITATIONS
1	Moderate Grazer Density Stabilizes Forage Availability More Than Patch Burning in Low-Stature Grassland. <i>Land</i> , 2021, 10, 395.	2.9	2
2	Pyric herbivory, scales of heterogeneity and drought. <i>Functional Ecology</i> , 2018, 32, 1599-1608.	3.6	15
3	Factors Affecting Public Preferences for Grassland Landscape Heterogeneity in the Great Plains. <i>Environmental Management</i> , 2017, 60, 922-930.	2.7	11
4	Climate Extremes, Vegetation Change, and Decoupling of Interactive Fire-Grazing Processes Exacerbate Fly Parasitism of Cattle. <i>Environmental Entomology</i> , 2017, 46, 191-200.	1.4	5
5	Preference for Grassland Heterogeneity: Implications for Biodiversity in the Great Plains. <i>Society and Natural Resources</i> , 2017, 30, 601-612.	1.9	11
6	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
7	Measured Soil Moisture is a Better Predictor of Large Growing-Season Wildfires than the Keetch-Byram Drought Index. <i>Soil Science Society of America Journal</i> , 2017, 81, 490-502.	2.2	23
8	Temporal variability in aboveground plant biomass decreases as spatial variability increases. <i>Ecology</i> , 2016, 97, 555-560.	3.2	30
9	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
10	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
11	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
12	Effect of pyric herbivory on source-sink dynamics in grassland birds. <i>Journal of Applied Ecology</i> , 2016, 53, 1004-1012.	4.0	21
13	Plant Invasions or Fire Policy: Which Has Altered Fire Behavior More in Tallgrass Prairie?. <i>Ecosystems</i> , 2016, 19, 356-368.	3.4	30
14	Exotic-Dominated Grasslands Show Signs of Recovery with Cattle Grazing and Fire. <i>PLoS ONE</i> , 2016, 11, e0165758.	2.5	11
15	Temporal variability in aboveground plant biomass decreases as spatial variability increases. <i>Ecology</i> , 2016, , .	3.2	2
16	Soil Moisture Affects Growing-Season Wildfire Size in the Southern Great Plains. <i>Soil Science Society of America Journal</i> , 2015, 79, 1567-1576.	2.2	78
17	Spatial heterogeneity increases diversity and stability in grassland bird communities. <i>Ecological Applications</i> , 2015, 25, 662-672.	3.8	121
18	Meta-Analysis of Exotic Forages as Invasive Plants in Complex Multi-Functioning Landscapes. <i>Invasive Plant Science and Management</i> , 2015, 8, 292-306.	1.1	33

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19	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
20	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
21	REVIEW: Evidence of negative effects of anthropogenic structures on wildlife: a review of grouse survival and behaviour. <i>Journal of Applied Ecology</i> , 2014, 51, 1680-1689.	4.0	87
22	Fire induced reproductive mechanisms of a <i>Symphoricarpos</i> (Caprifoliaceae) shrub after dormant season burning. , 2014, 55, 80.		13
23	Alteration of hydrological processes and streamflow with juniper (<i>Juniperus virginiana</i>) encroachment in a mesic grassland catchment. <i>Hydrological Processes</i> , 2014, 28, 6173-6182.	2.6	68
24	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
25	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
26	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
27	The rising Great Plains fire campaign: citizens' response to woody plant encroachment. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, e64.	4.0	152
28	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
29	Conservation of Pattern and Process: Developing an Alternative Paradigm of Rangeland Management. <i>Rangeland Ecology and Management</i> , 2012, 65, 579-589.	2.3	151
30	Nature reserves as catalysts for landscape change. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 144-152.	4.0	45
31	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
32	Effects of fire and grazing on grasshopper sparrow nest survival. <i>Journal of Wildlife Management</i> , 2012, 76, 19-27.	1.8	59
33	Spatial heterogeneity across five rangelands managed with pyric herbivory. <i>Journal of Applied Ecology</i> , 2012, 49, 903-910.	4.0	65
34	Pyric Herbivory and Cattle Performance in Grassland Ecosystems. <i>Rangeland Ecology and Management</i> , 2011, 64, 659-663.	2.3	68
35	A cross-taxonomic comparison of insect responses to grassland management and land-use legacies. <i>Ecosphere</i> , 2011, 2, art131.	2.2	55
36	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

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37	Ungulate preference for burned patches reveals strength of fire-grazing interaction. <i>Ecology and Evolution</i> , 2011, 1, 132-144.	1.9	211
38	Postfledging Survival of Grasshopper Sparrows in Grasslands Managed with Fire and Grazing. <i>Condor</i> , 2011, 113, 429-437.	1.6	28
39	Tallgrass Prairie Plant Community Dynamics Along a Canopy Cover Gradient of Eastern Redcedar (<i>Juniperus virginiana</i> L.). <i>Rangeland Ecology and Management</i> , 2010, 63, 638-644.	2.3	46
40	Restoring biopedturbation in grasslands with anthropogenic focal disturbance. <i>Plant Ecology</i> , 2010, 210, 331-342.	1.6	12
41	Identification of subpopulations of North American elk (<i>Cervus elaphus</i> L.) using multiple lines of evidence: habitat use, dietary choice, and fecal stable isotopes. <i>Ecological Research</i> , 2010, 25, 789-800.	1.5	10
42	Pyric Herbivory: Rewilding Landscapes through the Recoupling of Fire and Grazing. <i>Conservation Biology</i> , 2009, 23, 588-598.	4.7	402
43	Seed dispersal byBison bisonin a tallgrass prairie. <i>Journal of Vegetation Science</i> , 2008, 19, 769-778.	2.2	49
44	Avian community response to vegetation and structural features in grasslands managed with fire and grazing. <i>Biological Conservation</i> , 2008, 141, 1196-1203.	4.1	129
45	Is Altering Grazing Selectivity of Invasive Forage Species With Patch Burning More Effective Than Herbicide Treatments?. <i>Rangeland Ecology and Management</i> , 2007, 60, 253-260.	2.3	70
46	Landscape heterogeneity and fire behavior: scale-dependent feedback between fire and grazing processes. <i>Landscape Ecology</i> , 2007, 22, 507-516.	4.2	60
47	Markov models of land cover dynamics in a southern Great Plains grassland region. <i>Landscape Ecology</i> , 2007, 22, 1383-1393.	4.2	51
48	SHOULD HETEROGENEITY BE THE BASIS FOR CONSERVATION? GRASSLAND BIRD RESPONSE TO FIRE AND GRAZING. , 2006, 16, 1706-1716.		415
49	Tree invasion constrains the influence of herbaceous structure in grassland bird habitats. <i>Ecoscience</i> , 2004, 11, 55-63.	1.4	50
50	Restoring Heterogeneity on Rangelands: Ecosystem Management Based on Evolutionary Grazing Patterns. <i>BioScience</i> , 2001, 51, 625.	4.9	586
51	AVIAN RESPONSE TO LANDSCAPE CHANGE IN FRAGMENTED SOUTHERN GREAT PLAINS GRASSLANDS. , 2001, 11, 47-59.		157