

Meghann Jarchow

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

729
citations

759190

12
h-index

752679

20
g-index

23
all docs

23
docs citations

23
times ranked

880
citing authors

#	ARTICLE	IF	CITATIONS
1	Perceptions and Responses of Diversified Farm Producers in the Northern Great Plains to the Early Stage of the COVID-19 Pandemic. <i>Frontiers in Sustainable Food Systems</i> , 2022, 6, .	3.9	6
2	Non-monetary landscape features most desirable across the Upper Missouri River Basin. <i>Land Use Policy</i> , 2022, 115, 105980.	5.6	0
3	Key competencies in sustainability in higher education“toward an agreed-upon reference framework. <i>Sustainability Science</i> , 2021, 16, 13-29.	4.9	254
4	Incorporating social values and wildlife habitats for biodiversity conservation modeling in landscapes of the Great Plains. <i>Landscape Ecology</i> , 2021, 36, 1137-1160.	4.2	7
5	Systematic review on effects of bioenergy from edible versus inedible feedstocks on food security. <i>Npj Science of Food</i> , 2021, 5, 9.	5.5	21
6	Spatial analysis of landscape social values in multifunctional landscapes of the Upper Missouri River Basin. <i>Ecosphere</i> , 2021, 12, e03490.	2.2	2
7	North American Grasslands as Multifunctional Landscapes. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2021, , 744-763.	0.1	0
8	North American Grasslands as Multifunctional Landscapes. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2020, , 1-20.	0.1	5
9	Productivity and diversity of annually harvested reconstructed prairie communities. <i>Journal of Applied Ecology</i> , 2019, 56, 330-342.	4.0	11
10	Opportunities and Trade-offs among BECCS and the Food, Water, Energy, Biodiversity, and Social Systems Nexus at Regional Scales. <i>BioScience</i> , 2018, 68, 100-111.	4.9	53
11	How efficiently do corn“and soybean“based cropping systems use water? A systems modeling analysis. <i>Global Change Biology</i> , 2016, 22, 666-681.	9.5	80
12	Site Preparation Drives Long-Term Plant Community Dynamics in Restored Tallgrass Prairie: A Case Study in Southeastern South Dakota. <i>Environmental Management</i> , 2016, 58, 597-605.	2.7	8
13	Beyond Band-Aids: Using Systems Thinking to Assess Environmental Justice. , 2016, , 215-219.		1
14	Above“and Belowground Growth, Biomass, and Nitrogen Use in Maize and Reconstructed Prairie Cropping Systems. <i>Crop Science</i> , 2015, 55, 910-923.	1.8	40
15	Subsurface Drainage Nitrate and Total Reactive Phosphorus Losses in Bioenergy-Based Prairies and Corn Systems. <i>Journal of Environmental Quality</i> , 2015, 44, 1638-1646.	2.0	47
16	Trade“offs among agronomic, energetic, and environmental performance characteristics of corn and prairie bioenergy cropping systems. <i>GCB Bioenergy</i> , 2015, 7, 57-71.	5.6	39
17	Comparison of Cellulosic Ethanol Yields from Midwestern Maize and Reconstructed Tallgrass Prairie Systems Managed for Bioenergy. <i>Bioenergy Research</i> , 2014, 7, 1550-1560.	3.9	15
18	Nitrogen fertilization increases diversity and productivity of prairie communities used for bioenergy. <i>GCB Bioenergy</i> , 2013, 5, 281-289.	5.6	44

#	ARTICLE	IF	CITATIONS
19	The future of agriculture and society in Iowa: four scenarios. International Journal of Agricultural Sustainability, 2012, 10, 76-92.	3.5	10
20	Tradeoffs in Biomass and Nutrient Allocation in Prairies and Corn Managed for Bioenergy Production. Crop Science, 2012, 52, 1330-1342.	1.8	31
21	Nutrient enrichment reduces complementarity and increases priority effects in prairies managed for bioenergy. Biomass and Bioenergy, 2012, 36, 381-389.	5.7	17
22	Functional group and fertilization affect the composition and bioenergy yields of prairie plants. GCB Bioenergy, 2012, 4, 671-679.	5.6	32
23	Maintaining multifunctionality as landscapes provide ecosystem services. Frontiers in Ecology and the Environment, 2011, 9, 262-262.	4.0	6