

Marty R Schmer

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

917
citations

566801

15
h-index

476904

29
g-index

32
all docs

32
docs citations

32
times ranked

1071
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial feedbacks on soil organic matter dynamics underlying the legacy effect of diversified cropping systems. <i>Soil Biology and Biochemistry</i> , 2022, 167, 108584.	4.2	14
2	Long term agroecosystem research experimental watershed network. <i>Hydrological Processes</i> , 2022, 36, .	1.1	1
3	Late-seeded cover crops in a semiarid environment: overyielding, dominance and subsequent crop yield. <i>Renewable Agriculture and Food Systems</i> , 2021, 36, 587-598.	0.8	4
4	Effects of residue removal and tillage on greenhouse gas emissions in continuous corn systems as simulated with RZWQM2. <i>Journal of Environmental Management</i> , 2021, 285, 112097.	3.8	11
5	Soil Greenhouse Gas Responses to Biomass Removal in the Annual and Perennial Cropping Phases of an Integrated Crop Livestock System. <i>Agronomy</i> , 2021, 11, 1416.	1.3	1
6	Long-term rotation diversity and nitrogen effects on soil organic carbon and nitrogen stocks. , 2020, 3, e20055.		14
7	Long-Term Evidence Shows that Crop-Rotation Diversification Increases Agricultural Resilience to Adverse Growing Conditions in North America. <i>One Earth</i> , 2020, 2, 284-293.	3.6	219
8	Irrigation, carbon amelioration, nitrogen, and stover removal effects on continuous corn. <i>Agronomy Journal</i> , 2020, 112, 2506-2518.	0.9	4
9	Facilitating Crop-Livestock Reintegration in the Northern Great Plains. <i>Agronomy Journal</i> , 2019, 111, 2141-2156.	0.9	31
10	Does No-Tillage Mitigate Stover Removal in Irrigated Continuous Corn? A Multi-Location Assessment. <i>Soil Science Society of America Journal</i> , 2019, 83, 733-742.	1.2	8
11	Sugarcane Straw Blanket Management Effects on Plant Growth, Development, and Yield in Southeastern Brazil. <i>Crop Science</i> , 2019, 59, 1732-1744.	0.8	2
12	Assessing the Value of Grazed Corn Residue for Crop and Cattle Producers. <i>Agricultural and Environmental Letters</i> , 2019, 4, 180066.	0.8	14
13	Field-to-farm gate greenhouse gas emissions from corn stover production in the Midwestern U.S.. <i>Journal of Cleaner Production</i> , 2019, 226, 1116-1127.	4.6	11
14	Management controls the net greenhouse gas outcomes of growing bioenergy feedstocks on marginally productive croplands. <i>Science Advances</i> , 2019, 5, eaav9318.	4.7	20
15	Unraveling Crop Residue Harvest Effects on Soil Organic Carbon. <i>Agronomy Journal</i> , 2019, 111, 93-98.	0.9	11
16	Winter oilseed production for biofuel in the US Corn Belt: opportunities and limitations. <i>GCB Bioenergy</i> , 2017, 9, 508-524.	2.5	48
17	Long-term no-till and stover retention each decrease the global warming potential of irrigated continuous corn. <i>Global Change Biology</i> , 2017, 23, 2848-2862.	4.2	45
18	Perennial warm-season grasses for producing biofuel and enhancing soil properties: an alternative to corn residue removal. <i>GCB Bioenergy</i> , 2017, 9, 1510-1521.	2.5	16

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19	Seasonal below-ground metabolism in switchgrass. <i>Plant Journal</i> , 2017, 92, 1059-1075.	2.8	13
20	Corn Residue Use by Livestock in the United States. <i>Agricultural and Environmental Letters</i> , 2017, 2, 160043.	0.8	35
21	Residue Harvest Effects on Irrigated, No-Till Corn Yield and Nitrogen Response. <i>Agronomy Journal</i> , 2016, 108, 384-390.	0.9	14
22	Crop Rotation Affects Corn, Grain Sorghum, and Soybean Yields and Nitrogen Recovery. <i>Agronomy Journal</i> , 2016, 108, 1592-1602.	0.9	38
23	Economic Return versus Crop Water Productivity of Maize for Various Nitrogen Rates under Full Irrigation, Limited Irrigation, and Rainfed Settings in South Central Nebraska. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2016, 142, .	0.6	24
24	CQESTR Simulated Changes in Soil Organic Carbon under Residue Management Practices in Continuous Corn Systems. <i>Bioenergy Research</i> , 2016, 9, 23-30.	2.2	12
25	Long-Term Corn and Soybean Response to Crop Rotation and Tillage. <i>Agronomy Journal</i> , 2015, 107, 2241-2252.	0.9	44
26	Twelve Years of Stover Removal Increases Soil Erosion Potential without Impacting Yield. <i>Soil Science Society of America Journal</i> , 2015, 79, 1169-1178.	1.2	54
27	Sub-surface soil carbon changes affects biofuel greenhouse gas emissions. <i>Biomass and Bioenergy</i> , 2015, 81, 31-34.	2.9	17
28	Can Cover Crop and Manure Maintain Soil Properties After Stover Removal from Irrigated No-Till Corn?. <i>Soil Science Society of America Journal</i> , 2014, 78, 1368-1377.	1.2	55
29	Soil Greenhouse Gas Emissions in Response to Corn Stover Removal and Tillage Management Across the US Corn Belt. <i>Bioenergy Research</i> , 2014, 7, 517-527.	2.2	60
30	Energy Potential and Greenhouse Gas Emissions from Bioenergy Cropping Systems on Marginally Productive Cropland. <i>PLoS ONE</i> , 2014, 9, e89501.	1.1	53
31	Switchgrass Harvest and Storage. <i>Green Energy and Technology</i> , 2012, , 113-127.	0.4	24