

John Fike

List of Publications by Year in descending order

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36
papers

1,816
citations

516561

16
h-index

395590

33
g-index

39
all docs

39
docs citations

39
times ranked

1822
citing authors

#	ARTICLE	IF	CITATIONS
1	The Biology and Agronomy of Switchgrass for Biofuels. <i>Critical Reviews in Plant Sciences</i> , 2005, 24, 423-459.	2.7	697
2	Long-term yield potential of switchgrass-for-biofuel systems. <i>Biomass and Bioenergy</i> , 2006, 30, 198-206.	2.9	194
3	Switchgrass production for the upper southeastern USA: Influence of cultivar and cutting frequency on biomass yields. <i>Biomass and Bioenergy</i> , 2006, 30, 207-213.	2.9	166
4	Industrial Hemp: Renewed Opportunities for an Ancient Crop. <i>Critical Reviews in Plant Sciences</i> , 2016, 35, 406-424.	2.7	138
5	Hail Damage Impacts on Corn Productivity: A Review. <i>Crop Science</i> , 2019, 59, 1-14.	0.8	69
6	Switchgrass nitrogen response and estimated production costs on diverse sites. <i>GCB Bioenergy</i> , 2017, 9, 1526-1542.	2.5	54
7	The broad impacts of corn stover and wheat straw removal for biofuel production on crop productivity, soil health and greenhouse gas emissions: A review. <i>GCB Bioenergy</i> , 2021, 13, 45-57.	2.5	54
8	Biomass production of herbaceous energy crops in the United States: field trial results and yield potential maps from the multiyear regional feedstock partnership. <i>GCB Bioenergy</i> , 2018, 10, 698-716.	2.5	51
9	Impacts of nitrogen fertilization rate and landscape position on select soil properties in switchgrass field at four sites in the USA. <i>Catena</i> , 2019, 180, 183-193.	2.2	44
10	Forage Nutritive Value in an Emulated Silvopasture. <i>Agronomy Journal</i> , 2006, 98, 1265-1273.	0.9	32
11	Logistic Constraints in Developing Dedicated Large-Scale Bioenergy Systems in the Southeastern United States. <i>Journal of Environmental Engineering, ASCE</i> , 2009, 135, 1086-1096.	0.7	29
12	Impacts of Nitrogen Rate and Landscape Position on Soils and Switchgrass Root Growth Parameters. <i>Agronomy Journal</i> , 2019, 111, 1046-1059.	0.9	28
13	Selecting, Establishing, and Managing Switchgrass (<i>Panicum virgatum</i>) for Biofuels. <i>Methods in Molecular Biology</i> , 2009, 581, 27-40.	0.4	27
14	Agroforestry for healthy ecosystems: constraints, improvement strategies and extension in Pakistan. <i>Agroforestry Systems</i> , 2021, 95, 995.	0.9	26
15	Botanical Composition and Forage Production in an Emulated Silvopasture. <i>Agronomy Journal</i> , 2005, 97, 1141-1147.	0.9	24
16	Hair sheep performance in a mid-stage deciduous Appalachian silvopasture. <i>Agroforestry Systems</i> , 2019, 93, 81-93.	0.9	20
17	Effects of harvest frequency and biosolids application on switchgrass yield, feedstock quality, and theoretical ethanol yield. <i>GCB Bioenergy</i> , 2015, 7, 112-121.	2.5	18
18	Ewe lamb vaginal temperatures in hardwood silvopastures. <i>Agroforestry Systems</i> , 2021, 95, 21-32.	0.9	18

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19	Tree effects on forage growth and soil water in an Appalachian silvopasture. <i>Agroforestry Systems</i> , 2011, 83, 189-200.	0.9	14
20	Challenges for deploying dedicated, large-scale, bioenergy systems in the USA.. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , .	0.6	12
21	Switchgrass Response to Cutting Frequency and Biosolids Amendment: Biomass Yield, Feedstock Quality, and Theoretical Ethanol Yield. <i>Bioenergy Research</i> , 2014, 7, 1191-1200.	2.2	11
22	Lamb performance in hardwood silvopastures, II: animal behavior in summer1. <i>Translational Animal Science</i> , 2020, 4, 363-375.	0.4	11
23	Impact of increasing shade levels on the dry-matter yield and botanical composition of multispecies forage stands. <i>Grass and Forage Science</i> , 2020, 75, 291-302.	1.2	10
24	Lamb productivity on stockpiled fescue in honeylocust and black walnut silvopastures. <i>Agroforestry Systems</i> , 2019, 93, 113-121.	0.9	9
25	Lamb performance in hardwood silvopastures, I: animal gains and forage measures in summer. <i>Translational Animal Science</i> , 2020, 4, 385-399.	0.4	8
26	Warm-Season Grass Production Responses to Site and Defoliation Frequency. <i>Forage and Grazinglands</i> , 2005, 3, 1-8.	0.2	8
27	Millwood honeylocust trees: seedpod nutritive value and yield characteristics. <i>Agroforestry Systems</i> , 2013, 87, 849-856.	0.9	7
28	Millwood and Wild-type Honeylocust Seedpod Nutritive Value Changes Over Winter. <i>Crop Science</i> , 2012, 52, 2807-2816.	0.8	6
29	Biosolids Amendment and Harvest Frequency Affect Nitrogen Use Dynamics of Switchgrass Grown for Biofuel Production. <i>Bioenergy Research</i> , 2015, 8, 560-569.	2.2	6
30	Thinning forests or planting fields? Producer preferences for establishing silvopasture. <i>Agroforestry Systems</i> , 2022, 96, 553-564.	0.9	5
31	Feedstock Contract Considerations for a Piedmont Biorefinery. <i>AgriEngineering</i> , 2020, 2, 607-630.	1.7	4
32	Corn and Wheat Residue Management Effects on Greenhouse Gas Emissions in the Mid-Atlantic USA. <i>Land</i> , 2022, 11, 846.	1.2	4
33	Hair Cortisol as a Measure of Chronic Stress in Ewes Grazing Either Hardwood Silvopastures or Open Pastures. <i>Agronomy</i> , 2022, 12, 1566.	1.3	4
34	Evaluating herbicide tolerance of industrial hemp (<i>Cannabis sativa</i> L.). <i>Crop Science</i> , 2020, 60, 419-427.	0.8	3
35	Key environmental and production factors for understanding variation in switchgrass chemical attributes. <i>GCB Bioenergy</i> , 0, , .	2.5	2
36	Chapter 2 Switchgrass for Bioenergy: Agro-ecological Sustainability. , 2015, , 21-58.		0