

Christopher N Boyer

List of Publications by Year in descending order

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63
papers

584
citations

687220

13
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752573

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63
all docs

63
docs citations

63
times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	Switchgrass Yield Response Functions and Profitâ€Maximizing Nitrogen Rates on Four Landscapes in Tennessee. <i>Agronomy Journal</i> , 2012, 104, 1579-1588.	0.9	42
2	Profitability of variable rate nitrogen application in wheat production. <i>Precision Agriculture</i> , 2011, 12, 473-487.	3.1	39
3	Stochastic Corn Yield Response Functions to Nitrogen for Corn after Corn, Corn after Cotton, and Corn after Soybeans. <i>Journal of Agricultural & Applied Economics</i> , 2013, 45, 669-681.	0.8	37
4	Investment Analysis of Cover Crop and Noâ€Tillage Systems on Tennessee Cotton. <i>Agronomy Journal</i> , 2018, 110, 331-338.	0.9	34
5	Forage Attributes and Animal Performance from Native Grass Interâ€Seeded with Red Clover. <i>Agronomy Journal</i> , 2016, 108, 373-383.	0.9	25
6	Effects of soil type and landscape on yield and profit maximizing nitrogen rates for switchgrass production. <i>Biomass and Bioenergy</i> , 2013, 48, 33-42.	2.9	24
7	Tillage and Cover Crop Impacts on Economics of Cotton Production in Tennessee. <i>Agronomy Journal</i> , 2017, 109, 2087-2096.	0.9	23
8	Profitability and Risk Analysis of Soybean Planting Date by Maturity Group. <i>Agronomy Journal</i> , 2015, 107, 2253-2262.	0.9	19
9	Profitability of Beef and Biomass Production from Native Warm-Season Grasses in Tennessee. <i>Agronomy Journal</i> , 2015, 107, 1733-1740.	0.9	18
10	RISK AND RETURNS OF SPRING AND FALL CALVING FOR BEEF CATTLE IN TENNESSEE. <i>Journal of Agricultural & Applied Economics</i> , 2016, 48, 257-278.	0.8	15
11	The cost of feeding bred dairy heifers on native warm-season grasses and harvested feedstuffs. <i>Journal of Dairy Science</i> , 2016, 99, 634-643.	1.4	15
12	Factors Driving Water Utility Rate Structure Choice: Evidence from Four Southern U.S. States. <i>Water Resources Management</i> , 2012, 26, 2747-2760.	1.9	14
13	Modeling skewness with the linear stochastic plateau model to determine optimal nitrogen rates. <i>Agricultural Economics (United Kingdom)</i> , 2015, 46, 1-10.	2.0	14
14	The impact of field size and energy cost on the profitability of supplemental corn irrigation. <i>Agricultural Systems</i> , 2014, 127, 61-69.	3.2	13
15	Stochastic optimization of cellulosic biofuel supply chain incorporating feedstock yield uncertainty. <i>Energy Procedia</i> , 2019, 158, 1009-1014.	1.8	13
16	Impact of government subsidies on a cellulosic biofuel sector with diverse risk preferences toward feedstock uncertainty. <i>Energy Policy</i> , 2020, 146, 111737.	4.2	13
17	Influence of particle size and packaging on storage dry matter losses for switchgrass. <i>Biomass and Bioenergy</i> , 2015, 73, 135-144.	2.9	12
18	Price Determinants of Performance-Tested Bulls over Time. <i>Journal of Agricultural & Applied Economics</i> , 2019, 51, 304-314.	0.8	12

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19	Investigating the impact of biomass quality on near-infrared models for switchgrass feedstocks. <i>AIMS Bioengineering</i> , 2015, 3, 1-22.	0.6	12
20	Changes in Beef Packers' Market Power after the Livestock Mandatory Price Reporting Act: An Agent-Based Auction. <i>American Journal of Agricultural Economics</i> , 2013, 95, 859-876.	2.4	11
21	TEMPORAL FREQUENCY OF SOIL TEST INFORMATION EFFECTS ON RETURNS TO POTASSIUM FERTILIZATION IN COTTON PRODUCTION. <i>Journal of Agricultural & Applied Economics</i> , 2017, 49, 251-272.	0.8	11
22	Drivers of Price and Nonprice Water Conservation by Urban and Rural Water Utilities: An Application of Predictive Models to Four Southern States. <i>Journal of Agricultural & Applied Economics</i> , 2014, 46, 41-56.	0.8	10
23	Consumers'™ willingness to pay for local muscadine wine. <i>International Journal of Wine Business Research</i> , 2018, 30, 58-73.	1.0	10
24	EFFICIENCY OF PRE-PLANT, TOPDRESS, AND VARIABLE RATE APPLICATION OF NITROGEN IN WINTER WHEAT. <i>Journal of Plant Nutrition</i> , 2012, 35, 1776-1790.	0.9	9
25	Estimating restaurant willingness to pay for local beef. <i>Agribusiness</i> , 2019, 35, 610-624.	1.9	9
26	A Principal Component Analysis in Switchgrass Chemical Composition. <i>Energies</i> , 2016, 9, 913.	1.6	8
27	Breakeven price of biomass from switchgrass, big bluestem, and Indiangrass in a dual-purpose production system in Tennessee. <i>Biomass and Bioenergy</i> , 2015, 83, 284-289.	2.9	7
28	EFFECTS OF RECENT CORN AND ENERGY PRICES ON IRRIGATION INVESTMENT IN THE HUMID CLIMATE OF TENNESSEE. <i>Journal of Agricultural & Applied Economics</i> , 2015, 47, 105-122.	0.8	7
29	Price Determinants for Feeder Cattle in Tennessee. <i>Journal of Agricultural & Applied Economics</i> , 2021, 53, 552-562.	0.8	7
30	Implications of a Reserve Price in an Agent-Based Common-Value Auction. <i>Computational Economics</i> , 2014, 43, 33-51.	1.5	6
31	Biomass supply and nutrient runoff abatement under alternative biofuel feedstock production subsidies. <i>Agricultural Systems</i> , 2015, 139, 250-259.	3.2	6
32	Risk Effects on Optimal Nitrogen Rates for Corn Rotations in Tennessee. <i>Agronomy Journal</i> , 2015, 107, 896-902.	0.9	6
33	DOES PREPARTUM SUPPLEMENTAL FEED IMPACT BEEF CATTLE PROFITABILITY THROUGH FINISHING?. <i>Journal of Agricultural & Applied Economics</i> , 2016, 48, 173-191.	0.8	6
34	PROBABILITY OF RECEIVING AN INDEMNITY PAYMENT FROM FEEDER CATTLE LIVESTOCK RISK PROTECTION INSURANCE. <i>Journal of Agricultural & Applied Economics</i> , 2017, 49, 363-381.	0.8	6
35	BEEF CATTLE RETAINED OWNERSHIP AND PROFITABILITY IN TENNESSEE. <i>Journal of Agricultural & Applied Economics</i> , 2017, 49, 571-591.	0.8	6
36	Risk and returns from grazing beef cattle on warm-season grasses in Tennessee. <i>Agronomy Journal</i> , 2020, 112, 301-308.	0.9	6

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37	Breakeven Cost of Irrigating Bermudagrass, Tall Fescue, and Orchardgrass Hay Production in Tennessee. <i>Agronomy Journal</i> , 2014, 106, 2227-2234.	0.9	5
38	Common-value auction versus posted-price selling: an agent-based model approach. <i>Journal of Economic Interaction and Coordination</i> , 2014, 9, 129-149.	0.4	5
39	Evaluating Changes to Prevented Planting Provision on Moral Hazard. <i>Journal of Agricultural & Applied Economics</i> , 2019, 51, 315-327.	0.8	5
40	Profitability of Enhanced Efficiency Urea Fertilizers in No-Tillage Corn Production. <i>Agronomy Journal</i> , 2018, 110, 1439-1446.	0.9	4
41	Seasonal Hay Feeding for Cattle Production in the Fescue Belt. <i>Journal of Agricultural & Applied Economics</i> , 2020, 52, 16-29.	0.8	4
42	Effects of Landscape, Soils, and Weather on Yields, Nitrogen Use, and Profitability with Sensor-Based Variable Rate Nitrogen Management in Cotton. <i>Agronomy</i> , 2020, 10, 1858.	1.3	4
43	Evaluating optimal purchasing and selling decisions of beef cattle replacement females. <i>Agricultural Finance Review</i> , 2021, 81, 430-443.	0.7	4
44	Private-Value Auction Versus Posted-Price Selling: An Agent-Based Model Approach. <i>Intelligent Systems in Accounting, Finance and Management</i> , 2015, 22, 249-262.	2.8	3
45	Factors influencing bred beef heifer sale prices in a sequential auction. <i>Applied Animal Science</i> , 2020, 36, 754-759.	0.4	3
46	Analyzing corn and cotton producers optimal prevented planting decision on moral hazard. <i>Agronomy Journal</i> , 2020, 112, 2047-2057.	0.9	3
47	Corn and soybean prevented planting acres response to weather. <i>Applied Economic Perspectives and Policy</i> , 2023, 45, 970-983.	3.1	3
48	Factors Influencing Use and Frequency of Rotational Grazing for Beef Cattle in Tennessee. <i>Journal of Agricultural & Applied Economics</i> , 2022, 54, 394-406.	0.8	3
49	Profit-Maximizing Irrigation for Cotton on High Available Water Holding Capacity Soils. <i>Agronomy Journal</i> , 2016, 108, 1571-1580.	0.9	2
50	Selecting cotton yield response function to estimate profit-maximizing potassium fertilization rates for cotton production in Tennessee. <i>Journal of Plant Nutrition</i> , 2017, 40, 1547-1556.	0.9	2
51	Analyzing determinants of US distillers dried grains with solubles exports. <i>Agribusiness</i> , 2019, 35, 168-181.	1.9	2
52	Profitability of irrigating for corn, cotton, and soybeans under projected drought scenarios in the Southeastern United States. <i>Irrigation Science</i> , 2021, 39, 315-328.	1.3	2
53	Spatial-temporal heteroskedastic robust covariance estimation for Markov transition probabilities: an application examining land use change. <i>Letters in Spatial and Resource Sciences</i> , 2016, 9, 353-362.	1.2	1
54	Profitability, risk and cash flow deficit for beginning cow-calf producers. <i>Agricultural Finance Review</i> , 2022, 82, 1-19.	0.7	1

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55	Impact of an innovated storage technology on the quality of preprocessed switchgrass bales. AIMS Bioengineering, 2016, 3, 125-138.	0.6	1
56	Economic Analysis of Developing a Sustainable Aviation Fuel Supply Chain Incorporating With Carbon Credits: A Case Study of the Memphis International Airport. Frontiers in Energy Research, 2021, 9, .	1.2	1
57	Is Harvesting Cover Crops for Hay Profitable When Planting Corn and Soybean in Tennessee?. Agronomy, 2022, 12, 1353.	1.3	1
58	Considering risk in nitrogen application decisions for corn rotations in Tennessee. Crops & Soils, 2015, 48, 26-27.	0.1	0
59	Value of Damage Control with Foliar Fungicide in Soybean Production in Tennessee. Agronomy Journal, 2017, 109, 1573-1581.	0.9	0
60	Identifying Tennessee school-based agricultural education student growth and program accountability metrics. Advancements in Agricultural Development, 2021, 2, 86-96.	0.2	0
61	Academic-related perceptions, beliefs, and strategies of undergraduate agricultural students. Advancements in Agricultural Development, 2020, 1, 75-85.	0.2	0
62	Ad hoc government payments impact on non-real estate farm debt. Agricultural Finance Review, 2022, ahead-of-print, .	0.7	0
63	Price ranges from fed cattle negotiated cash sales. Applied Economic Perspectives and Policy, 0, , .	3.1	0