

# Burton C English

## List of Publications by Year in descending order

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107  
papers

2,006  
citations

304743

22  
h-index

302126

39  
g-index

110  
all docs

110  
docs citations

110  
times ranked

1944  
citing authors

#	ARTICLE	IF	CITATIONS
1	Does a trade-off exist between economic and environmental impacts of forest carbon payment programs?. Sustainability Science, 2022, 17, 2031-2047.	4.9	1
2	Profitability of irrigating for corn, cotton, and soybeans under projected drought scenarios in the Southeastern United States. Irrigation Science, 2021, 39, 315-328.	2.8	2
3	Local effects of climate change on row crop production and irrigation adoption. Climate Risk Management, 2021, 32, 100293.	3.2	5
4	Estimating the Rebound Effect of the U.S. Road Freight Transport. Transportation Research Record, 2021, 2675, 165-174.	1.9	3
5	Farmer Interest in and Willingness to Grow Pennycress as an Energy Feedstock. Energies, 2021, 14, 2066.	3.1	7
6	Techno-Economic Analysis of decentralized preprocessing systems for fast pyrolysis biorefineries with blended feedstocks in the southeastern United States. Renewable and Sustainable Energy Reviews, 2021, 143, 110881.	16.4	34
7	Consumer Preferences and Willingness to Pay for Potting Mix with Biochar. Energies, 2021, 14, 3432.	3.1	2
8	Analyzing the Trade-Offs between Meeting Biorefinery Production Capacity and Feedstock Supply Cost: A Chance Constrained Approach. Energies, 2021, 14, 4763.	3.1	1
9	Estimated Economic Impacts of the 2019 Midwest Floods. Economics of Disasters and Climate Change, 2021, 5, 431.	2.2	1
10	Role of complementary and competitive relationships among multiple objectives in conservation investment decisions. Forest Policy and Economics, 2021, 131, 102569.	3.4	3
11	Optimal N Application Rates on Switchgrass for Producers and a Biorefinery. Energies, 2021, 14, 7912.	3.1	1
12	Biofuel Discount Rates and Stochastic Techno-Economic Analysis for a Prospective Pennycress (Thlaspi arvense L.) Sustainable Aviation Fuel Supply Chain. Frontiers in Energy Research, 2021, 9, .	2.3	3
13	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, .	2.3	1
14	Seasonal Hay Feeding for Cattle Production in the Fescue Belt. Journal of Agricultural & Applied Economics, 2020, 52, 16-29.	1.4	4
15	Impacts of uncertain feedstock quality on the economic feasibility of fast pyrolysis biorefineries with blended feedstocks and decentralized preprocessing sites in the Southeastern United States. GCB Bioenergy, 2020, 12, 1014-1029.	5.6	15
16	Multifunctional perennial production systems for bioenergy: performance and progress. Wiley Interdisciplinary Reviews: Energy and Environment, 2020, 9, e375.	4.1	26
17	Impact of government subsidies on a cellulosic biofuel sector with diverse risk preferences toward feedstock uncertainty. Energy Policy, 2020, 146, 111737.	8.8	13
18	Consumer preferences for eco-friendly attributes in disposable dinnerware. Resources, Conservation and Recycling, 2020, 161, 104965.	10.8	23

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19	Rank-Ordered Analysis of Consumer Preferences for the Attributes of a Value-Added Biofuel Co-Product. Sustainability, 2020, 12, 2363.	3.2	4
20	Economic Impacts from an On-Farm Highly Pathogenic Avian Influenza Event in Tennessee. Review of Regional Studies, 2020, 50, .	0.3	2
21	Outdoor Home Gardener Preferences for Environmental Attributes in Gardening Supplies and Use of Ecofriendly Gardening Practices. HortTechnology, 2020, 30, 552-563.	0.9	4
22	Cost and Profitability Analysis of a Prospective Pennycress to Sustainable Aviation Fuel Supply Chain in Southern USA. Energies, 2019, 12, 3055.	3.1	16
23	Stochastic optimization of cellulosic biofuel supply chain incorporating feedstock yield uncertainty. Energy Procedia, 2019, 158, 1009-1014.	1.8	13
24	US alternative jet fuel deployment scenario analyses identifying key drivers and geospatial patterns for the first billion gallons<sup></sup>. Biofuels, Bioproducts and Biorefining, 2019, 13, 471-485.	3.7	6
25	Supply chain and logistic optimization of industrial Spent Microbial Biomass distribution as a soil amendment for field crop production. Resources, Conservation and Recycling, 2019, 146, 218-231.	10.8	12
26	Targeting payments for forest carbon sequestration given ecological and economic objectives. Forest Policy and Economics, 2019, 100, 214-226.	3.4	18
27	Investigating Lock Delay on the Upper Mississippi River: a Spatial Panel Analysis. Networks and Spatial Economics, 2019, 19, 275-291.	1.6	4
28	Determining a geographic high resolution supply chain network for a large scale biofuel industry. Applied Energy, 2018, 218, 266-281.	10.1	27
29	Effect of land use change for bioenergy production on feedstock cost and water quality. Applied Energy, 2018, 210, 580-590.	10.1	20
30	Automatic Section Control Technologies and GPS Auto-guidance Systems Adoption in Cotton Production. Journal of Agricultural Science, 2018, 10, 282.	0.2	2
31	Policy uncertainty and the optimal investment decisions of second-generation biofuel producers. Energy Economics, 2018, 76, 89-100.	12.1	13
32	Soil Carbon Dioxide Respiration in Switchgrass Fields: Assessing Annual, Seasonal and Daily Flux Patterns. Soil Systems, 2018, 2, 13.	2.6	8
33	Soil Organic Carbon Changes for Switchgrass Farms in East Tennessee, USA. Soil Systems, 2018, 2, 25.	2.6	3
34	Variable-Rate Application on Fertilizer Use in Cotton Production. Journal of Agricultural Science, 2018, 10, 40.	0.2	0
35	â€œResistance is futileâ€ estimating the costs of managing herbicide resistance as a firstâ€order Markov process and the case of U.S. upland cotton producers. Agricultural Economics (United Kingdom), 2017, 48, 387-396.	3.9	5
36	Evaluating a tax-based subsidy approach for forest carbon sequestration. Environmental Conservation, 2017, 44, 234-243.	1.3	14

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37	Soil Carbon Dioxide Respiration in Switch Grass Fields: Assessing Annual, Seasonal and Daily Flux Patterns. <i>Journal of Agriculture and Environmental Sciences</i> , 2017, 6, .	0.0	0
38	A Principal Component Analysis in Switchgrass Chemical Composition. <i>Energies</i> , 2016, 9, 913.	3.1	8
39	Assessing multimetric aspects of sustainability: Application to a bioenergy crop production system in East Tennessee. <i>Ecosphere</i> , 2016, 7, e01206.	2.2	19
40	Analysis of environmental and economic tradeoffs in switchgrass supply chains for biofuel production. <i>Energy</i> , 2016, 107, 791-803.	8.8	16
41	Differences in Glyphosate-Resistant Weed Management Practices over Time and Regions. <i>Weed Technology</i> , 2016, 30, 1-12.	0.9	5
42	Regional woody biomass supply and economic impacts from harvesting in the southern U.S. <i>Energy Economics</i> , 2016, 60, 151-161.	12.1	18
43	Projected changes in stream system nitrogen runoff associated with a mature cellulosic ethanol industry in the southeastern United States. <i>Land Use Policy</i> , 2016, 56, 291-302.	5.6	3
44	Economic analysis of alternative logistics systems for Tennessee-produced switchgrass to penetrate energy markets. <i>Biomass and Bioenergy</i> , 2016, 85, 25-34.	5.7	11
45	Analyzing Economic and Environmental Performance of Switchgrass Biofuel Supply Chains. <i>Bioenergy Research</i> , 2016, 9, 566-577.	3.9	22
46	Co-firing switchgrass in a 60-megawatt pulverized coal-fired boiler: Effects on combustion behavior and pollutant emissions. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 322-329.	2.3	5
47	Impact of an innovated storage technology on the quality of preprocessed switchgrass bales. <i>AIMS Bioengineering</i> , 2016, 3, 125-138.	1.1	1
48	Regional Economic Impacts of Biochemical and Pyrolysis Biofuel Production in the Southeastern US: A Systems Modeling Approach. <i>Agricultural Sciences</i> , 2016, 07, 407-419.	0.3	3
49	CATTLE PRODUCERSâ€™ WILLINGNESS TO ADOPT OR EXPAND PRESCRIBED GRAZING IN THE UNITED STATES. <i>Journal of Agricultural &amp; Applied Economics</i> , 2015, 47, 213-242.	1.4	17
50	Biomass supply and nutrient runoff abatement under alternative biofuel feedstock production subsidies. <i>Agricultural Systems</i> , 2015, 139, 250-259.	6.1	6
51	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.	5.7	7
52	Influence of particle size and packaging on storage dry matter losses for switchgrass. <i>Biomass and Bioenergy</i> , 2015, 73, 135-144.	5.7	12
53	Effect of outdoor storage losses on feedstock inventory management and plant-gate cost for a switchgrass conversion facility in East Tennessee. <i>Renewable Energy</i> , 2015, 74, 803-814.	8.9	18
54	Investigating the impact of biomass quality on near-infrared models for switchgrass feedstocks. <i>AIMS Bioengineering</i> , 2015, 3, 1-22.	1.1	12

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55	Optimal Fertilizer Application and Crop Choice between A Perennial Bioenergy Feedstock and an Annual Crop. <i>Journal of Agriculture and Environmental Sciences</i> , 2015, 4, .	0.0	0
56	Designing a Dedicated Energy Crop Supply System in Tennessee: A Multiobjective Optimization Analysis. <i>Journal of Agricultural &amp; Applied Economics</i> , 2014, 46, 357-373.	1.4	15
57	Timing of precision agriculture technology adoption in US cotton production. <i>Precision Agriculture</i> , 2014, 15, 427-446.	6.0	44
58	Woody biomass potential for energy feedstock in United States. <i>Journal of Forest Economics</i> , 2014, 20, 174-191.	0.2	12
59	Consumer purchase intentions for flexible-fuel and hybrid-electric vehicles. <i>Transportation Research, Part D: Transport and Environment</i> , 2013, 18, 9-15.	6.8	46
60	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.	5.7	24
61	Economic Impacts of Using Switchgrass as a Feedstock for Ethanol Production: A Case Study Located in East Tennessee. <i>Economics Research International</i> , 2013, 2013, 1-14.	0.5	19
62	Changes in Producers' Perceptions of Within-Field Yield Variability after Adoption of Cotton Yield Monitors. <i>Journal of Agricultural &amp; Applied Economics</i> , 2013, 45, 295-312.	1.4	4
63	Effects of No-Till on Yields as Influenced by Crop and Environmental Factors. <i>Agronomy Journal</i> , 2012, 104, 530-541.	1.8	90
64	Greenhouse gas emission reductions as a motivator of E85 purchases across market segments. <i>Energy, Sustainability and Society</i> , 2012, 2, .	3.8	4
65	Effects of Demographics and Attitudes on Willingness-to-Pay for Fuel Import Reductions through Ethanol Purchases. <i>Agriculture (Switzerland)</i> , 2012, 2, 165-181.	3.1	4
66	Switchgrass Yield Response Functions and Profit-Maximizing Nitrogen Rates on Four Landscapes in Tennessee. <i>Agronomy Journal</i> , 2012, 104, 1579-1588.	1.8	42
67	Analysis of factors affecting willingness to produce switchgrass in the southeastern United States. <i>Biomass and Bioenergy</i> , 2012, 39, 159-167.	5.7	51
68	Effect of dry matter loss on profitability of outdoor storage of switchgrass. <i>Biomass and Bioenergy</i> , 2012, 44, 33-41.	5.7	29
69	Evaluating the Optimal Logistics System of Biomass Feedstocks for a Biorefinery with Alternative Harvest, Storage and Preprocessing Options: A Case Study of East Tennessee. , 2011, , .		0
70	Factors Influencing the Selection of Precision Farming Information Sources by Cotton Producers. <i>Agricultural and Resource Economics Review</i> , 2011, 40, 307-320.	1.1	17
71	Intensity of Precision Agriculture Technology Adoption by Cotton Producers. <i>Agricultural and Resource Economics Review</i> , 2011, 40, 133-144.	1.1	57
72	Willingness to pay for E85 from corn, switchgrass, and wood residues. <i>Energy Economics</i> , 2010, 32, 1253-1262.	12.1	37

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73	Estimating the demand and willingness-to-pay for cotton yield monitors. <i>Precision Agriculture</i> , 2010, 11, 215-238.	6.0	11
74	Grid soil sampling adoption and abandonment in cotton production. <i>Precision Agriculture</i> , 2010, 11, 135-147.	6.0	18
75	Expanded ethanol production: Implications for agriculture, water demand, and water quality. <i>Biomass and Bioenergy</i> , 2010, 34, 1586-1596.	5.7	18
76	Farmer Willingness to Supply Poultry Litter for Energy Conversion and to Invest in an Energy Conversion Cooperative. <i>Journal of Agricultural &amp; Applied Economics</i> , 2010, 42, 105-119.	1.4	7
77	Factors Influencing Farmer Adoption of Portable Computers for Site-Specific Management: A Case Study for Cotton Production. <i>Journal of Agricultural &amp; Applied Economics</i> , 2010, 42, 193-209.	1.4	21
78	Cost evaluation of alternative switchgrass producing, harvesting, storing, and transporting systems and their logistics in the Southeastern USA. <i>Agricultural Finance Review</i> , 2010, 70, 184-200.	1.3	56
79	Yield and Breakeven Price of "Alamo"™ Switchgrass for Biofuels in Tennessee. <i>Agronomy Journal</i> , 2009, 101, 1234-1242.	1.8	88
80	Estimating Annualized Riparian Buffer Costs for the Harpeth River Watershed. <i>Applied Economic Perspectives and Policy</i> , 2009, 31, 894-913.	1.0	9
81	Effects of high-pressure homogenization on physicochemical properties and storage stability of switchgrass bio-oil. <i>Fuel Processing Technology</i> , 2009, 90, 415-421.	7.2	15
82	Influence of pyrolysis condition on switchgrass bio-oil yield and physicochemical properties. <i>Bioresource Technology</i> , 2009, 100, 5305-5311.	9.6	107
83	Factors affecting farmer adoption of remotely sensed imagery for precision management in cotton production. <i>Precision Agriculture</i> , 2008, 9, 195-208.	6.0	58
84	A Binary Logit Estimation of Factors Affecting Adoption of GPS Guidance Systems by Cotton Producers. <i>Journal of Agricultural &amp; Applied Economics</i> , 2008, 40, 345-355.	1.4	22
85	A Binary Logit Estimation of Factors Affecting Adoption of GPS Guidance Systems by Cotton Producers. <i>Journal of Agricultural &amp; Applied Economics</i> , 2008, 40, 345-355.	1.4	10
86	Sixty Billion Gallons by 2030: Economic and Agricultural Impacts of Ethanol and Biodiesel Expansion. <i>American Journal of Agricultural Economics</i> , 2007, 89, 1290-1295.	4.3	63
87	Agricultural Impacts of Biofuels Production. <i>Journal of Agricultural &amp; Applied Economics</i> , 2007, 39, 365-372.	1.4	13
88	Economic Impacts of Carbon Taxes and Biomass Feedstock Usage in Southeastern United States Coal Utilities. <i>Journal of Agricultural &amp; Applied Economics</i> , 2007, 39, 103-119.	1.4	9
89	Farmer willingness to grow switchgrass for energy production. <i>Biomass and Bioenergy</i> , 2007, 31, 773-781.	5.7	154
90	Perceived importance of precision farming technologies in improving phosphorus and potassium efficiency in cotton production. <i>Precision Agriculture</i> , 2007, 8, 127-137.	6.0	27

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91	Economic Competitiveness of Bioenergy Production and Effects on Agriculture of the Southern Region. <i>Journal of Agricultural &amp; Applied Economics</i> , 2006, 38, 389-402.	1.4	45
92	Simultaneous Adoption of Herbicide-Resistant and Conservation-Tillage Cotton Technologies. <i>Journal of Agricultural &amp; Applied Economics</i> , 2006, 38, 629-643.	1.4	18
93	Factors Affecting Perceived Improvements in Environmental Quality from Precision Farming. <i>Journal of Agricultural &amp; Applied Economics</i> , 2005, 37, 577-588.	1.4	9
94	Consumers' Willingness to Pay for Eco-Certified Wood Products. <i>Journal of Agricultural &amp; Applied Economics</i> , 2004, 36, 617-626.	1.4	27
95	Optimal Nitrogen Fertilization Rates in Winter Wheat Production as Affected by Risk, Disease, and Nitrogen Source. <i>Journal of Agricultural &amp; Applied Economics</i> , 2004, 36, 199-211.	1.4	3
96	Assessing Spatial Break-even Variability in Fields with Two or More Management Zones. <i>Journal of Agricultural &amp; Applied Economics</i> , 2001, 33, 551-565.	1.4	6
97	Genetic Progress in Soybean of the U.S. Midsouth. <i>Crop Science</i> , 2001, 41, 993-998.	1.8	59
98	Evaluating the Returns to Variable Rate Nitrogen Application. <i>Journal of Agricultural &amp; Applied Economics</i> , 2000, 32, 133-143.	1.4	16
99	Economic Comparison of Herbicides for Johnsongrass ( <i>Sorghum halepense</i> ) Control in Glyphosate-Tolerant Soybean ( <i>Glycine max</i> ). <i>Weed Technology</i> , 1999, 13, 30-36.	0.9	15
100	TOWARD CONTROLLING NONPOINT SOURCE POLLUTION OF GROUNDWATER: A HIERARCHICAL POLICY FORMULATION GAME. <i>Natural Resource Modelling</i> , 1998, 11, 379-403.	2.0	2
101	The Pricing of Revenue Assurance. <i>American Journal of Agricultural Economics</i> , 1997, 79, 439-451.	4.3	26
102	Stewardship Incentives in Forestry: Participation Factors in Tennessee. <i>Southern Journal of Applied Forestry</i> , 1997, 21, 5-10.	0.3	24
103	The flexible planting program: divergent national and regional economic impacts. <i>International Journal of Public Administration</i> , 1995, 18, 149-165.	2.3	0
104	A Logit Analysis of Participation in Tennessee's Forest Stewardship Program. <i>Journal of Agricultural &amp; Applied Economics</i> , 1994, 26, 463-472.	1.4	53
105	Cotton Acreage Response and Fertilizer Use. <i>Journal of Production Agriculture</i> , 1992, 5, 158-162.	0.4	0
106	Dedicated Energy Crop Supply Chain and Associated Feedstock Transportation Emissions: A Case Study of Tennessee. <i>Journal of the Transportation Research Forum</i> , 0, , .	0.2	0
107	A Multiregional Input-Output Analysis of Water Withdrawals in the Southeastern United States. <i>Review of Regional Studies</i> , 0, , .	0.3	0