

Robert Grisso

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

545
citations

840776

11
h-index

677142

22
g-index

54
all docs

54
docs citations

54
times ranked

352
citing authors

#	ARTICLE	IF	CITATIONS
1	Central Control for Optimized Herbaceous Feedstock Delivery to a Biorefinery from Satellite Storage Locations. <i>AgriEngineering</i> , 2022, 4, 544-565.	3.2	2
2	Rapid Truck Loading for Efficient Feedstock Logistics. <i>AgriEngineering</i> , 2021, 3, 158-167.	3.2	4
3	Load and Unload Technology to Improve Round-Bale Hauling Efficiency. <i>AgriEngineering</i> , 2021, 3, 584-604.	3.2	2
4	Predicting Field Efficiency of Round-Baling Operations in High-Yielding Biomass Crops. <i>AgriEngineering</i> , 2020, 2, 447-457.	3.2	1
5	In-Field Performance of Biomass Balers. <i>AgriEngineering</i> , 2020, 2, 568-580.	3.2	0
6	Feedstock Contract Considerations for a Piedmont Biorefinery. <i>AgriEngineering</i> , 2020, 2, 607-630.	3.2	4
7	Multi-Bale Handling Unit for Efficient Logistics. <i>AgriEngineering</i> , 2020, 2, 336-349.	3.2	7
8	Harvest schedule to fill storage for year-round delivery of grasses to biorefinery. <i>Biomass and Bioenergy</i> , 2013, 55, 331-338.	5.7	26
9	Parametric Study of Machinery Management Relationships on Forage Equipment. , 2013, , .		3
10	In-Field Performance of Hay Balers Using DGPS. , 2013, , .		1
11	Discrete Event Simulation of Switchgrass Harvest Schedules. , 2013, , .		1
12	Harvest Systems and Analysis for Herbaceous Biomass. , 2013, , .		4
13	Design of a System to Monitor Youth Workers' Heat Stress and Positioning Using Non-Invasive Techniques. , 2012, , .		0
14	Comparison of Bale Operations for Smaller Production Fields in the Southeast. , 2011, , .		4
15	An Optimal Storage and Transportation System for a Cellulosic Ethanol Bio-energy Plant. , 2010, , .		2
16	Operations at Satellite Storage Locations (SSL) to deliver Round Bales to a Biorefinery Plant. , 2009, , .		3
17	Operating Agricultural Equipment on Public Roads. , 2009, , .		0
18	Containerized handling to minimize hauling cost of herbaceous biomass. <i>Biomass and Bioenergy</i> , 2008, 32, 308-313.	5.7	57

#	ARTICLE	IF	CITATIONS
19	Fuel Prediction for Specific Tractor Models. Applied Engineering in Agriculture, 2008, 24, 423-428.	0.7	14
20	Depression as a Risk Factor for Agricultural Injuries. , 2008, , .		1
21	Machinery Productivity Estimates from Seed Tenders. , 2008, , .		1
22	Investigating Machinery Management Parameters with Computer Tools. , 2007, , .		1
23	Spreadsheet for Matching Tractors and Drawn Implements. Applied Engineering in Agriculture, 2007, 23, 259-265.	0.7	15
24	Comparison between Two Policy Strategies for Scheduling in a Biomass Logistic System. , 2007, , .		1
25	Virginia Agricultural Safety and Health Survey. , 2007, , .		1
26	Economic Analysis of two Receiving Facility Designs for a Bioenergy Plant. , 2007, , .		2
27	Uniform Stand and Narrow Rows are Needed for Higher Double-crop Soybean Yield. Crop Management, 2006, 5, CM-2006-0417-01-RS.	0.3	2
28	Method for Fuel Prediction for Specific Tractor Models. , 2006, , .		7
29	An empirical model for tractive performance of rubber-tracks in agricultural soils. Journal of Terramechanics, 2006, 43, 225-236.	3.1	25
30	Machinery Performance Assessment Based on Records of Geographic Positiona. , 2004, , .		4
31	Management System for Biomass Delivery at a Plant Conversion. , 2004, , .		4
32	PREDICTING TRACTOR FUEL CONSUMPTION. Applied Engineering in Agriculture, 2004, 20, 553-561.	0.7	70
33	Cotton Logistics as a Model for Analysis of Biomass Transportation Issues. , 2003, , .		1
34	Mass Flow Rate Measurement of Anhydrous Ammonia to a Single Knife on an Applicator Using a Simple Thermodynamic Model. , 2001, , .		2
35	Causes of Fatalities in Older Farmers vs. Perception of Risk. Journal of Agromedicine, 1998, 5, 13-22.	1.5	8
36	Innovative Approaches to Farm Safety and Health for Youth, Senior Farmers and Health Care Providers. Journal of Agromedicine, 1998, 5, 99-106.	1.5	5

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37	Tillage Implement Forces Operating in Silty Clay Loam. Transactions of the American Society of Agricultural Engineers, 1996, 39, 1977-1982.	0.9	58
38	A Vehicle Number to Predict Tractive Performance. Applied Engineering in Agriculture, 1995, 11, 495-498.	0.7	1
39	Long Term Tillage Effects on Grain Yield and Soil Properties in a Soybean/Grain Sorghum Rotation. Journal of Production Agriculture, 1994, 7, 465-470.	0.4	34
40	Bi-level Subsoiler Performance Using Tandem Shanks. Applied Engineering in Agriculture, 1994, 10, 345-349.	0.7	5
41	Golden section search as an optimization tool for spreadsheets. Computers and Electronics in Agriculture, 1992, 7, 323-335.	7.7	6
42	Sprayer Application Accuracy Database/Spreadsheet. Journal of Natural Resources and Life Sciences Education, 1992, 21, 41-47.	0.2	0
43	Area Conservation Tillage Meetings-A Successful Educational Program. Journal of Agronomic Education, 1991, 20, 115-119.	0.2	5
44	Peristaltic Pump Accuracy in Metering Herbicides. Applied Engineering in Agriculture, 1990, 6, 273-276.	0.7	7
45	Calibration Accuracy of Golf Course Pesticide Applicators. Applied Engineering in Agriculture, 1990, 6, 405-411.	0.7	5
46	A Survey of Ag Tractor Service Intervals – Part I. Applied Engineering in Agriculture, 1990, 6, 537-541.	0.7	4
47	A Survey of Ag Tractor Ballasting and Tire Configurations – Part II. Applied Engineering in Agriculture, 1990, 6, 542-547.	0.7	1
48	Chemical Flow Control System for Injection-Type Sprayers. , 1990, , .		1
49	The Cost of Misapplication of Herbicides. Applied Engineering in Agriculture, 1989, 5, 344-347.	0.7	18
50	A Stress State Transducer for Soil. Transactions of the American Society of Agricultural Engineers, 1987, 30, 1237-1241.	0.9	89
51	The Influence of Stress Path on Distortion During Soil Compaction. Transactions of the American Society of Agricultural Engineers, 1987, 30, 1302-1307.	0.9	7
52	A compaction model for agricultural soil. Journal of Terramechanics, 1985, 22, 171.	3.1	2
53	Review of Models for Predicting Performance of Narrow Tillage Tool. Transactions of the American Society of Agricultural Engineers, 1985, 28, 1062-1067.	0.9	12
54	Influence of Four Cover Conditions in Cotton Production. Transactions of the American Society of Agricultural Engineers, 1985, 28, 435-438.	0.9	5