

Michael D Buser

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

309
citations

759233

12
h-index

888059

17
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docs citations

27
times ranked

367
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence and Characterization of Steroid Growth Promoters Associated with Particulate Matter Originating from Beef Cattle Feedyards. <i>Environmental Science & Technology</i> , 2015, 49, 8796-8803.	10.0	30
2	Pyrolysis of eastern redcedar: Distribution and characteristics of fast and slow pyrolysis products. <i>Fuel</i> , 2016, 166, 157-165.	6.4	30
3	Whole-chain traceability, is it possible to trace your hamburger to a particular steer, a U. S. perspective. <i>Meat Science</i> , 2013, 95, 137-144.	5.5	28
4	Effects of Extrusion Temperature and Dwell Time on Aflatoxin Levels in Cottonseed. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 2556-2559.	5.2	21
5	Characterization of trenbolone acetate and estradiol metabolite excretion profiles in implanted steers. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2850-2858.	4.3	21
6	Effect of Alum Additions to Poultry Litter on In-House Ammonia and Greenhouse Gas Concentrations and Emissions. <i>Journal of Environmental Quality</i> , 2015, 44, 1530-1540.	2.0	21
7	Modification and validation of the Gaussian plume model (GPM) to predict ammonia and particulate matter dispersion. <i>Atmospheric Pollution Research</i> , 2020, 11, 1063-1072.	3.8	20
8	Assessment of particulate matter and ammonia emission concentrations and respective plume profiles from a commercial poultry house. <i>Environmental Pollution</i> , 2018, 238, 10-16.	7.5	19
9	Spatially and temporally disparate data in systems agriculture: Issues and prospective solutions. <i>Agronomy Journal</i> , 2020, 112, 4498-4510.	1.8	19
10	Techniques for measuring particle size distribution of particulate matter emitted from animal feeding operations. <i>Atmospheric Environment</i> , 2013, 66, 25-32.	4.1	18
11	Transformation kinetics of trenbolone acetate metabolites and estrogens in urine and feces of implanted steers. <i>Chemosphere</i> , 2015, 138, 901-907.	8.2	14
12	Particulate capture efficiency of a vegetative environmental buffer surrounding an animal feeding operation. <i>Agriculture, Ecosystems and Environment</i> , 2017, 240, 101-108.	5.3	14
13	Conceptual design of a biofeedstock supply chain model for eastern redcedar. <i>Computers and Electronics in Agriculture</i> , 2016, 121, 12-24.	7.7	10
14	Lidar Method to Estimate Emission Rates from Extended Sources. <i>Journal of Atmospheric and Oceanic Technology</i> , 2017, 34, 335-345.	1.3	9
15	Envisioning the manureshed: Toward comprehensive integration of modern crop and animal production. <i>Journal of Environmental Quality</i> , 2022, 51, 481-493.	2.0	8
16	MECHANICALLY PROCESSING COTTONSEED TO REDUCE GOSSYPOL AND AFLATOXIN LEVELS. <i>Toxin Reviews</i> , 2001, 20, 179-208.	1.5	6
17	Using a Vegetative Environmental Buffer to Reduce the Concentrations of Volatile Organic Compounds in Poultry-House Atmospheric Emissions. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8231-8236.	5.2	6
18	Modelling and validation of maize seed orientation by pushing. <i>Biosystems Engineering</i> , 2016, 151, 338-349.	4.3	5

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19	Measurement of termite resistance of particleboard panels made from Eastern redcedar using nano particle added modified starch as binder. Measurement: Journal of the International Measurement Confederation, 2018, 120, 169-174.	5.0	4
20	Theoretical Study of the Impact of Particulate Matter Gravitational Settling on Ambient Coarse Particulate Matter Monitoring for Agricultural Emissions. Journal of the Air and Waste Management Association, 2007, 57, 111-115.	1.9	2
21	Web-Based Deployment of Single-Factor Biofeedstock Supply Chain Sensitivity Analysis Using Monte Carlo Simulation. Transactions of the ASABE, 2016, 59, 1555-1561.	1.1	1
22	Characterization of nano particle added composite panels manufactured from Eastern redcedar. Journal of Composite Materials, 2018, 52, 1605-1615.	2.4	1
23	The Impact of Historical Gin Stand Technologies on Cotton Fiber and Seed Quality. Applied Engineering in Agriculture, 2019, 35, 775-785.	0.7	1
24	Improving modeling of low-altitude particulate matter emission and dispersion: A cotton gin case study. Journal of Environmental Sciences, 2023, 133, 8-22.	6.1	1
25	Computer Systems for Whole-Chain Traceability in Beef Production Systems. , 2015, , 9-16.		0
26	STATISTICAL MODEL FOR THE RELATIONSHIP BETWEEN MAIZE KERNEL ORIENTATION AND SEED LEAF AZIMUTH. Experimental Agriculture, 2016, 52, 359-370.	0.9	0