

Steven L Trabue

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

1,125
citations

18
h-index

32
g-index

52
ext. papers

1,238
ext. citations

4.8
avg, IF

4.16
L-index

#	Paper	IF	Citations
51	Germination tests for assessing biochar quality. <i>Journal of Environmental Quality</i> , 2012 , 41, 1014-22	3.4	124
50	Bias of Tedlar bags in the measurement of agricultural odorants. <i>Journal of Environmental Quality</i> , 2006 , 35, 1668-77	3.4	99
49	Field sampling method for quantifying volatile sulfur compounds from animal feeding operations. <i>Atmospheric Environment</i> , 2008 , 42, 3332-3341	5.3	79
48	Ruminal fermentation of propylene glycol and glycerol. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 7043-51	5.7	64
47	Identifying and tracking key odorants from cattle feedlots. <i>Atmospheric Environment</i> , 2011 , 45, 4243-4253	5.3	60
46	Alcohol, volatile fatty acid, phenol, and methane emissions from dairy cows and fresh manure. <i>Journal of Environmental Quality</i> , 2008 , 37, 615-22	3.4	54
45	Swine odor analyzed by odor panels and chemical techniques. <i>Journal of Environmental Quality</i> , 2011 , 40, 1510-20	3.4	52
44	Speciation of volatile organic compounds from poultry production. <i>Atmospheric Environment</i> , 2010 , 44, 3538-3546	5.3	49
43	Field sampling method for quantifying odorants in humid environments. <i>Environmental Science & Technology</i> , 2008 , 42, 3745-50	10.3	49
42	Emission of volatile organic compounds from silage: Compounds, sources, and implications. <i>Atmospheric Environment</i> , 2013 , 77, 827-839	5.3	45
41	Evaluation of elevated dietary corn fiber from corn germ meal in growing female pigs. <i>Journal of Animal Science</i> , 2010 , 88, 192-201	0.7	41
40	Carbofuran degradation mediated by three related plasmid systems. <i>FEMS Microbiology Ecology</i> , 2000 , 32, 197-203	4.3	28
39	Comparative sulfur analysis using thermal combustion or inductively coupled plasma methodology and mineral composition of common livestock feedstuffs. <i>Journal of Animal Science</i> , 2008 , 86, 2377-84	0.7	25
38	Emissions of greenhouse gases, ammonia, and hydrogen sulfide from pigs fed standard diets and diets supplemented with dried distillers grains with solubles. <i>Journal of Environmental Quality</i> , 2014 , 43, 1176-86	3.4	22
37	Dietary protein and cellulose effects on chemical and microbial characteristics of Swine feces and stored manure. <i>Journal of Environmental Quality</i> , 2009 , 38, 2138-46	3.4	21
36	Dynamics of carbofuran-degrading microbial communities in soil during three successive annual applications of carbofuran. <i>Soil Biology and Biochemistry</i> , 2001 , 33, 75-81	7.5	21
35	Odor mitigation with tree buffers: Swine production case study. <i>Agriculture, Ecosystems and Environment</i> , 2012 , 149, 154-163	5.7	20

34	Effects of soil storage on the microbial community and degradation of metsulfuron-methyl. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 142-51	5-7	20
33	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, 1530-40	3-4	18
32	TSP, PM 10 , and PM 2.5 emissions from a beef cattle feedlot using the flux-gradient technique. <i>Atmospheric Environment</i> , 2015 , 101, 49-57	5-3	15
31	Comparison of AERMOD and WindTrax dispersion models in determining PM10 emission rates from a beef cattle feedlot. <i>Journal of the Air and Waste Management Association</i> , 2013 , 63, 545-56	2-4	15
30	Managing agricultural emissions to the atmosphere: state of the science, fate and mitigation, and identifying research gaps. <i>Journal of Environmental Quality</i> , 2011 , 40, 1347-58	3-4	15
29	Odorous compounds sources and transport from a swine deep-pit finishing operation: A case study. <i>Journal of Environmental Management</i> , 2019 , 233, 12-23	7-9	15
28	Utilizing single particle Raman microscopy as a non-destructive method to identify sources of PM10 from cattle feedlot operations. <i>Atmospheric Environment</i> , 2013 , 66, 17-24	5-3	14
27	Influence of functionalized pyridine ligands on the radio/chemical behavior of [M(I)(CO)3](+) (M = Re and (99m)Tc) 2 + 1 complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 1528-34	5-1	14
26	Impact of fiber source and feed particle size on swine manure properties related to spontaneous foam formation during anaerobic decomposition. <i>Bioresource Technology</i> , 2016 , 202, 84-92	11	12
25	Carbofuran degradation in soil profiles. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 1997 , 32, 861-78	2-2	12
24	Kinetics and mechanism of cymoxanil degradation in buffer solutions. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 99-104	5-7	12
23	Odor and Odorous Compound Emissions From Manure of Swine Fed Standard and Dried Distillers Grains with Soluble Supplemented Diets. <i>Journal of Environmental Quality</i> , 2016 , 45, 915-23	3-4	11
22	Swine diets impact manure characteristics and gas emissions: Part I sulfur level. <i>Science of the Total Environment</i> , 2019 , 687, 800-807	10.2	10
21	Microbial Community and Chemical Characteristics of Swine Manure during Maturation. <i>Journal of Environmental Quality</i> , 2016 , 45, 1144-52	3-4	10
20	Nitrous Oxide Fluxes from a Commercial Beef Cattle Feedlot in Kansas. <i>Air, Soil and Water Research</i> , 2014 , 7, ASWR.S12841	3-3	9
19	Concentrations of particulate matter emitted from large cattle feedlots in Kansas. <i>Journal of the Air and Waste Management Association</i> , 2011 , 61, 1026-35	2-4	7
18	Gravimetric/FT-IR apparatus for the study of vapor sorption on clay films. <i>Review of Scientific Instruments</i> , 1993 , 64, 1091-1092	1-7	7
17	Swine diets impact manure characteristics and gas emissions: Part I protein level. <i>Science of the Total Environment</i> , 2021 , 755, 142528	10.2	7

16	Isothiocyanate-Functionalized Bifunctional Chelates and fac-[M(I)(CO) ₃](+) (M = Re, (99m)Tc) Complexes for Targeting uPAR in Prostate Cancer. <i>Bioconjugate Chemistry</i> , 2016 , 27, 130-42	6.3	6
15	Swine diets impact manure characteristics and gas emissions: Part II sulfur source. <i>Science of the Total Environment</i> , 2019 , 689, 1115-1124	10.2	6
14	Synthesis and characterization of 2,5-bis(benzylthio)-1,3,4-thiadiazole complexes with fac-ReBr ₃ (CO) ₃ 2-. <i>Inorganica Chimica Acta</i> , 2009 , 362, 1289-1294	2.7	6
13	Particulate emissions from a beef cattle feedlot using the flux-gradient technique. <i>Journal of Environmental Quality</i> , 2013 , 42, 1341-52	3.4	5
12	Experimental research on the effects of water application on greenhouse gas emissions from beef cattle feedlots. <i>International Journal of Energy and Environmental Engineering</i> , 2014 , 5, 1	4	4
11	Performance of commercial nonmethane hydrocarbon analyzers in monitoring oxygenated volatile organic compounds emitted from animal feeding operations. <i>Journal of the Air and Waste Management Association</i> , 2013 , 63, 1163-72	2.4	4
10	Lab-assay for estimating methane emissions from deep-pit swine manure storages. <i>Journal of Environmental Management</i> , 2015 , 159, 18-26	7.9	3
9	Impact of narasin on manure composition, microbial ecology, and gas emissions from finishing pigs fed either a corn-soybean meal or a corn-soybean meal-dried distillers grains with solubles diets. <i>Journal of Animal Science</i> , 2018 , 96, 1317-1329	0.7	3
8	NOx emissions from a Central California dairy. <i>Atmospheric Environment</i> , 2013 , 70, 328-336	5.3	3
7	Dietary composition and particle size effects on swine manure characteristics and gas emissions. <i>Journal of Environmental Quality</i> , 2020 , 49, 1384-1395	3.4	2
6	Particulate Emissions from a Beef Cattle Feedlot Using the Flux-Gradient Technique. <i>Journal of Environmental Quality</i> , 2014 , 43, 1131-1142	3.4	2
5	Swine diets impact manure characteristics and gas emissions: Part II protein source. <i>Science of the Total Environment</i> , 2021 , 763, 144207	10.2	2
4	Swine manure dilution with lagoon effluent impact on odor reduction and manure digestion. <i>Journal of Environmental Quality</i> , 2021 , 50, 336-349	3.4	1
3	Narasin as a Manure Additive to Reduce Methane Production from Swine Manure. <i>Transactions of the ASABE</i> , 2018 , 61, 943-953	0.9	1
2	Microbial assemblages and methanogenesis pathways impact methane production and foaming in manure deep-pit storages. <i>PLoS ONE</i> , 2021 , 16, e0254730	3.7	1
1	Swine diets: Impact of carbohydrate sources on manure characteristics and gas emissions.. <i>Science of the Total Environment</i> , 2022 , 825, 153911	10.2	0