Steven L Trabue

List of Publications by Year in Descending Order

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	Swine diets: Impact of carbohydrate sources on manure characteristics and gas emissions.. *Science of the Total Environment*, **2022**, 825, 153911	10.2	0
50	Swine manure dilution with lagoon effluent impact on odor reduction and manure digestion. *Journal of Environmental Quality*, **2021**, 50, 336-349	3.4	1
49	Swine diets impact manure characteristics and gas emissions: Part II protein source. *Science of the Total Environment*, **2021**, 763, 144207	10.2	2
48	Swine diets impact manure characteristics and gas emissions: Part I protein level. *Science of the Total Environment*, **2021**, 755, 142528	10.2	7
47	Microbial assemblages and methanogenesis pathways impact methane production and foaming in manure deep-pit storages. *PLoS ONE*, **2021**, 16, e0254730	3.7	1
46	Dietary composition and particle size effects on swine manure characteristics and gas emissions. *Journal of Environmental Quality*, **2020**, 49, 1384-1395	3.4	2
45	Swine diets impact manure characteristics and gas emissions: Part I sulfur level. *Science of the Total Environment*, **2019**, 687, 800-807	10.2	10
44	Swine diets impact manure characteristics and gas emissions: Part II sulfur source. *Science of the Total Environment*, **2019**, 689, 1115-1124	10.2	6
43	Odorous compounds sources and transport from a swine deep-pit finishing operation: A case study. *Journal of Environmental Management*, **2019**, 233, 12-23	7.9	15
42	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. *Journal of Animal Science*, **2018**, 96, 1317-1329	0.7	3
41	Narasin as a Manure Additive to Reduce Methane Production from Swine Manure. *Transactions of the ASABE*, **2018**, 61, 943-953	0.9	1
40	Impact of fiber source and feed particle size on swine manure properties related to spontaneous foam formation during anaerobic decomposition. *Bioresource Technology*, **2016**, 202, 84-92	11	12
39	Isothiocyanate-Functionalized Bifunctional Chelates and fac-[M(I)(CO)3](+) (M = Re, (99m)Tc) Complexes for Targeting uPAR in Prostate Cancer. *Bioconjugate Chemistry*, **2016**, 27, 130-42	6.3	6
38	Odor and Odorous Compound Emissions from Manure of Swine Fed Standard and Dried Distillers Grains with Soluble Supplemented Diets. *Journal of Environmental Quality*, **2016**, 45, 915-23	3.4	11
37	Microbial Community and Chemical Characteristics of Swine Manure during Maturation. *Journal of Environmental Quality*, **2016**, 45, 1144-52	3.4	10
36	Lab-assay for estimating methane emissions from deep-pit swine manure storages. *Journal of Environmental Management*, **2015**, 159, 18-26	7.9	3
35	TSP, PM 10 , and PM 2.5 emissions from a beef cattle feedlot using the flux-gradient technique. *Atmospheric Environment*, **2015**, 101, 49-57	5.3	15

34	Effect of Alum Additions to Poultry Litter on In-House Ammonia and Greenhouse Gas Concentrations and Emissions. *Journal of Environmental Quality*, **2015**, 44, 1530-40	3.4	18
33	Influence of functionalized pyridine ligands on the radio/chemical behavior of [M(I)(CO)3](+) (M = Re and (99m)Tc) 2 + 1 complexes. *Inorganic Chemistry*, **2015**, 54, 1528-34	5.1	14
32	Experimental research on the effects of water application on greenhouse gas emissions from beef cattle feedlots. *International Journal of Energy and Environmental Engineering*, **2014**, 5, 1	4	4
31	Particulate Emissions from a Beef Cattle Feedlot Using the Flux-Gradient Technique. *Journal of Environmental Quality*, **2014**, 43, 1131-1142	3.4	2
30	Emissions of greenhouse gases, ammonia, and hydrogen sulfide from pigs fed standard diets and diets supplemented with dried distillers grains with solubles. *Journal of Environmental Quality*, **2014**, 43, 1176-86	3.4	22
29	Nitrous Oxide Fluxes from a Commercial Beef Cattle Feedlot in Kansas. *Air, Soil and Water Research*, **2014**, 7, ASWR.S12841	3.3	9
28	Utilizing single particle Raman microscopy as a non-destructive method to identify sources of PM10 from cattle feedlot operations. *Atmospheric Environment*, **2013**, 66, 17-24	5.3	14
27	Emission of volatile organic compounds from silage: Compounds, sources, and implications. *Atmospheric Environment*, **2013**, 77, 827-839	5.3	45
26	NOx emissions from a Central California dairy. *Atmospheric Environment*, **2013**, 70, 328-336	5.3	3
25	Comparison of AERMOD and WindTrax dispersion models in determining PM10 emission rates from a beef cattle feedlot. *Journal of the Air and Waste Management Association*, **2013**, 63, 545-56	2.4	15
24	Performance of commercial nonmethane hydrocarbon analyzers in monitoring oxygenated volatile organic compounds emitted from animal feeding operations. *Journal of the Air and Waste Management Association*, **2013**, 63, 1163-72	2.4	4
23	Particulate emissions from a beef cattle feedlot using the flux-gradient technique. *Journal of Environmental Quality*, **2013**, 42, 1341-52	3.4	5
22	Odor mitigation with tree buffers: Swine production case study. *Agriculture, Ecosystems and Environment*, **2012**, 149, 154-163	5.7	20
21	Germination tests for assessing biochar quality. *Journal of Environmental Quality*, **2012**, 41, 1014-22	3.4	124
20	Managing agricultural emissions to the atmosphere: state of the science, fate and mitigation, and identifying research gaps. *Journal of Environmental Quality*, **2011**, 40, 1347-58	3.4	15
19	Swine odor analyzed by odor panels and chemical techniques. *Journal of Environmental Quality*, **2011**, 40, 1510-20	3.4	52
18	Identifying and tracking key odorants from cattle feedlots. *Atmospheric Environment*, **2011**, 45, 4243-4251	5.3	60
17	Concentrations of particulate matter emitted from large cattle feedlots in Kansas. *Journal of the Air and Waste Management Association*, **2011**, 61, 1026-35	2.4	7

16	Evaluation of elevated dietary corn fiber from corn germ meal in growing female pigs. *Journal of Animal Science*, **2010**, 88, 192-201	0.7	41
15	Speciation of volatile organic compounds from poultry production. *Atmospheric Environment*, **2010**, 44, 3538-3546	5.3	49
14	Dietary protein and cellulose effects on chemical and microbial characteristics of Swine feces and stored manure. *Journal of Environmental Quality*, **2009**, 38, 2138-46	3.4	21
13	Synthesis and characterization of 2,5-bis(benzylthio)-1,3,4-thiadiazole complexes with fac-ReBr3(CO)32-. *Inorganica Chimica Acta*, **2009**, 362, 1289-1294	2.7	6
12	Field sampling method for quantifying volatile sulfur compounds from animal feeding operations. *Atmospheric Environment*, **2008**, 42, 3332-3341	5.3	79
11	Field sampling method for quantifying odorants in humid environments. *Environmental Science & Technology*, **2008**, 42, 3745-50	10.3	49
10	Alcohol, volatile fatty acid, phenol, and methane emissions from dairy cows and fresh manure. *Journal of Environmental Quality*, **2008**, 37, 615-22	3.4	54
9	Comparative sulfur analysis using thermal combustion or inductively coupled plasma methodology and mineral composition of common livestock feedstuffs. *Journal of Animal Science*, **2008**, 86, 2377-84	0.7	25
8	Ruminal fermentation of propylene glycol and glycerol. *Journal of Agricultural and Food Chemistry*, **2007**, 55, 7043-51	5.7	64
7	Bias of Tedlar bags in the measurement of agricultural odorants. *Journal of Environmental Quality*, **2006**, 35, 1668-77	3.4	99
6	Effects of soil storage on the microbial community and degradation of metsulfuron-methyl. *Journal of Agricultural and Food Chemistry*, **2006**, 54, 142-51	5.7	20
5	Kinetics and mechanism of cymoxanil degradation in buffer solutions. *Journal of Agricultural and Food Chemistry*, **2004**, 52, 99-104	5.7	12
4	Dynamics of carbofuran-degrading microbial communities in soil during three successive annual applications of carbofuran. *Soil Biology and Biochemistry*, **2001**, 33, 75-81	7.5	21
3	Carbofuran degradation mediated by three related plasmid systems. *FEMS Microbiology Ecology*, **2000**, 32, 197-203	4.3	28
2	Carbofuran degradation in soil profiles. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **1997**, 32, 861-78	2.2	12
1	Gravimetric/FT-IR apparatus for the study of vapor sorption on clay films. *Review of Scientific Instruments*, **1993**, 64, 1091-1092	1.7	7