

# Nico Ogink

## List of Publications by Year in descending order

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docs citations

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times ranked

722  
citing authors

#	ARTICLE	IF	CITATIONS
1	AIR SCRUBBING TECHNIQUES FOR AMMONIA AND ODOR REDUCTION AT LIVESTOCK OPERATIONS: REVIEW OF ON-FARM RESEARCH IN THE NETHERLANDS. Transactions of the American Society of Agricultural Engineers, 2005, 48, 2303-2313.	0.9	171
2	Odour from animal production facilities: its relationship to diet. Nutrition Research Reviews, 2005, 18, 3-30.	2.1	161
3	Odor and Irritation Thresholds for Ammonia: A Comparison between Static and Dynamic Olfactometry. Chemical Senses, 2007, 32, 11-20.	1.1	64
4	Particulate Matter Emitted from Poultry and Pig Houses: Source Identification and Quantification. Transactions of the ASABE, 2011, 54, 629-642.	1.1	64
5	NDIR Gas Sensor for Spatial Monitoring of Carbon Dioxide Concentrations in Naturally Ventilated Livestock Buildings. Sensors, 2015, 15, 11239-11257.	2.1	51
6	Effectiveness of Multi-Stage Scrubbers in Reducing Emissions of Air Pollutants from Pig Houses. Transactions of the ASABE, 2011, 54, 285-293.	1.1	46
7	Effects of crystalline amino acid supplementation to the diet on odor from pig manure <sup>1</sup> . Journal of Animal Science, 2007, 85, 791-801.	0.2	30
8	Reduction of Ammonia Emission from a Cow Cubicle House by Flushing with Water or a Formalin Solution. Biosystems Engineering, 1996, 63, 197-204.	0.4	26
9	Ionization for Reducing Particulate Matter Emissions from Poultry Houses. Transactions of the ASABE, 2009, 52, 1757-1771.	1.1	26
10	Uncertainty assessment of the breath methane concentration method to determine methane production of dairy cows. Journal of Dairy Science, 2018, 101, 1554-1564.	1.4	24
11	Calculation of ventilation rates and ammonia emissions: Comparison of sampling strategies for a naturally ventilated dairy barn. Biosystems Engineering, 2020, 198, 15-30.	1.9	22
12	Removal of Particulate Matter (PM <sub>10</sub> ) by Air Scrubbers at Livestock Facilities: Results of an On-Farm Monitoring Program. Transactions of the ASABE, 2012, 55, 689-698.	1.1	20
13	Energy requirements for maintenance and gain of West African Dwarf goats. Small Ruminant Research, 1991, 5, 205-215.	0.6	19
14	Equivalence testing of filter-based, beta-attenuation, TEOM, and light-scattering devices for measurement of PM <sub>10</sub> concentration in animal houses. Journal of Aerosol Science, 2015, 80, 11-26.	1.8	17
15	Dust Reduction in Broiler Houses by Spraying Rapeseed Oil. Transactions of the ASABE, 2011, 54, 1479-1489.	1.1	15
16	Effect of Bedding Material on Dust and Ammonia Emission from Broiler Houses. Transactions of the ASABE, 2012, 55, 219-226.	1.1	15
17	Evaluation of the NH <sub>3</sub> Removal Efficiency of an Acid Packed Bed Scrubber Using Two Methods: A Case Study in a Pig Facility. Transactions of the ASABE, 2011, 54, 1905-1912.	1.1	9
18	Ammonia emissions from a naturally and a mechanically ventilated broiler house in Brazil. Revista Brasileira De Engenharia Agricola E Ambiental, 2014, 18, 1179-1185.	0.4	9

#	ARTICLE	IF	CITATIONS
19	A refined protocol for calculating air flow rate of naturally ventilated broiler barns based on CO <sub>2</sub> mass balance. DYNA (Colombia), 2014, 81, 189.	0.2	7
20	Uncertainty Modelling to Evaluate Nitrogen Balances As a Tool to Determine N <sub>2</sub> and N <sub>2</sub> O Formation in Ammonia Bioscrubbers. Environmental Engineering Science, 2012, 29, 520-525.	0.8	5
21	Assessing fresh urine puddle physics in commercial dairy cow houses. Biosystems Engineering, 2017, 159, 133-142.	1.9	5
22	Content of dietary fermentable protein and odour from pig manure. Animal Feed Science and Technology, 2008, 146, 98-112.	1.1	4
23	Evaluation of the CO <sub>2</sub> mass balance method to calculate ventilation rates from mechanically ventilated livestock buildings. , 2012, , .		3
24	A methodology to select particle morpho-chemical characteristics to use in source apportionment of particulate matter from livestock houses. Computers and Electronics in Agriculture, 2012, 81, 14-23.	3.7	3
25	Top layer humidification of bedding material of laying hen houses to mitigate dust emissions: effects of water spraying on dust, ammonia and odor emissions. , 2012, , .		2
26	Emissions and Concentrations of Dust and Pathogens from Goat Houses. , 2012, , .		2
27	Removal Efficiency of Dust and Bacteria by Multi-Stage Air Scrubbers in Pig Houses. , 2008, , .		1
28	Removal Efficiency of a Wire-to-plate Electrostatic Precipitator for Abatement of Particulate Matter Emission from Poultry Houses. , 2012, , .		1
29	Validation of the Cyclone as a Pre-Separator for Airborne Fine Dust Sampling in Animal Houses. , 2008, , .		1