

Yang Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10461592/publications.pdf>

Version: 2024-02-01

16
papers

676
citations

840776

11
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

882
citing authors

#	ARTICLE	IF	CITATIONS
1	Airborne particulate matter from livestock production systems: A review of an air pollution problem. <i>Environmental Pollution</i> , 2010, 158, 1-17.	7.5	302
2	Airborne Microorganisms From Livestock Production Systems and Their Relation to Dust. <i>Critical Reviews in Environmental Science and Technology</i> , 2014, 44, 1071-1128.	12.8	79
3	Airborne transmission may have played a role in the spread of 2015 highly pathogenic avian influenza outbreaks in the United States. <i>Scientific Reports</i> , 2019, 9, 11755.	3.3	78
4	Effects of Temperature, Relative Humidity, Absolute Humidity, and Evaporation Potential on Survival of Airborne Gumboro Vaccine Virus. <i>Applied and Environmental Microbiology</i> , 2012, 78, 1048-1054.	3.1	42
5	Free chlorine loss during spraying of membraneless acidic electrolyzed water and its antimicrobial effect on airborne bacteria from poultry house. <i>Annals of Agricultural and Environmental Medicine</i> , 2014, 21, 249-255.	1.0	29
6	Evaluation of an impaction and a cyclone pre-separator for sampling high PM10 and PM2.5 concentrations in livestock houses. <i>Journal of Aerosol Science</i> , 2009, 40, 868-878.	3.8	25
7	Investigation of the Efficiencies of Bioaerosol Samplers for Collecting Aerosolized Bacteria Using a Fluorescent Tracer. I: Effects of Non-sampling Processes on Bacterial Culturability. <i>Aerosol Science and Technology</i> , 2011, 45, 423-431.	3.1	25
8	Airborne virus sampling: Efficiencies of samplers and their detection limits for infectious bursal disease virus (IBDV). <i>Annals of Agricultural and Environmental Medicine</i> , 2014, 21, 464-471.	1.0	21
9	Investigation of the Efficiencies of Bioaerosol Samplers for Collecting Aerosolized Bacteria Using a Fluorescent Tracer. II: Sampling Efficiency and Half-Life Time. <i>Aerosol Science and Technology</i> , 2011, 45, 432-442.	3.1	20
10	Inactivation of airborne <i>Enterococcus faecalis</i> and infectious bursal disease virus using a pilot-scale ultraviolet photocatalytic oxidation scrubber. <i>Journal of the Air and Waste Management Association</i> , 2014, 64, 38-46.	1.9	17
11	Mitigating airborne bacteria generations from cage-free layer litter by spraying acidic electrolysed water. <i>Biosystems Engineering</i> , 2018, 170, 61-71.	4.3	16
12	Survival of <i>Escherichia coli</i> in Airborne and Settled Poultry Litter Particles. <i>Animals</i> , 2022, 12, 284.	2.3	12
13	Field Evaluation of an Electrostatic Air Filtration System for Reducing Incoming Particulate Matter of a Hen House. <i>Transactions of the ASABE</i> , 2018, 61, 295-304.	1.1	6
14	Stability and Oxidizing Effect of Membraneless Electrolyzed Water. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2015, 92, 371-381.	1.9	3
15	Shedding and Emission of Airborne Viral Microorganisms from Animal Houses. , 2012, , .		1
16	Measurement and Reduction of Airborne Microorganisms and Dust Associated with Livestock Production. , 2013, , .		0