

# 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  | Survival of Escherichia coli in Airborne and Settled Poultry Litter Particles. <i>Animals</i> , 2022, 12, 284.   | 2.3  | 12        |
| 2  | 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        |
| 3  | 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         |
| 4  | 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        |
| 5  | 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         |
| 6  | 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        |
| 7  | 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        |
| 8  | 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        |
| 9  | 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        |
| 10 | Measurement and Reduction of Airborne Microorganisms and Dust Associated with Livestock Production. , 2013, , .  |      | 0         |
| 11 | 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        |
| 12 | Shedding and Emission of Airborne Viral Microorganisms from Animal Houses. , 2012, , .   |      | 1         |
| 13 | 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        |
| 14 | 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        |
| 15 | 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       |
| 16 | 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        |