Caroline Duchaine

List of Publications by Year
in descending order

154 papers	5,178 citations	71102 41 h-index	123424 61 g-index
157 all docs	157 docs citations	157 times ranked	5323 citing authors

#	Article	IF	Citations
1	Methods for Sampling of Airborne Viruses. Microbiology and Molecular Biology Reviews, 2008, 72, 413-444.	6.6	343
2	Cultureâ€independent approach of the bacterial bioaerosol diversity in the standard swine confinement buildings, and assessment of the seasonal effect. Environmental Microbiology, 2008, 10, 665-675.	3.8	157
3	Comparison of Five Bacteriophages as Models for Viral Aerosol Studies. Applied and Environmental Microbiology, 2014, 80, 4242-4250.	3.1	155
4	Health Effects of Airborne Exposures from Concentrated Animal Feeding Operations. Environmental Health Perspectives, 2007, 115, 298-302.	6.0	149
5	Bioaerosol exposure assessment in the workplace: the past, present and recent advances. Journal of Environmental Monitoring, 2012, 14, 334.	2.1	138
6	Increased Prevalence of Methanosphaera stadtmanae in Inflammatory Bowel Diseases. PLoS ONE, 2014, 9, e87734.	2.5	114
7	Detection and Quantification of Airborne Norovirus During Outbreaks in Healthcare Facilities. Clinical Infectious Diseases, 2015, 61, 299-304.	5.8	90
8	Molecular Detection of Phytophthora ramorum by Real-Time Polymerase Chain Reaction Using TaqMan, SYBR Green, and Molecular Beacons. Phytopathology, 2007, 97, 632-642.	2.2	89
9	Ozone efficacy for the control of airborne viruses: Bacteriophage and norovirus models. PLoS ONE, 2020, 15, e0231164.	2.5	89
10	Culture-Independent Characterization of Archaeal Biodiversity in Swine Confinement Building Bioaerosols. Applied and Environmental Microbiology, 2009, 75, 5445-5450.	3.1	83
11	Detection of Airborne Lactococcal Bacteriophages in Cheese Manufacturing Plants. Applied and Environmental Microbiology, 2011, 77, 491-497.	3.1	83
12	Measurement of Endotoxins in Bioaerosols at Workplace: A Critical Review of Literature and a Standardization Issue. Annals of Occupational Hygiene, 2013, 57, 137-72.	1.9	77
13	Vacuum Cleaner Emissions as a Source of Indoor Exposure to Airborne Particles and Bacteria. Environmental Science & Technology, 2012, 46, 534-542.	10.0	76
14	Influence of Building Maintenance, Environmental Factors, and Seasons on Airborne Contaminants of Swine Confinement Buildings. AIHA Journal, 2000, 61, 56-63.	0.4	73
15	Measurement of Airborne Bacteria and Endotoxin Generated During Dental Cleaning. Journal of Occupational and Environmental Hygiene, 2008, 6, 121-130.	1.0	72
16	Comparison of Endotoxin Exposure Assessment by Bioaerosol Impinger and Filter-Sampling Methods. Applied and Environmental Microbiology, 2001, 67, 2775-2780.	3.1	69
17	Evaluation of Filters for the Sampling and Quantification of RNA Phage Aerosols. Aerosol Science and Technology, 2010, 44, 893-901.	3.1	69
18	Aerosolization of mycobacteria and legionellae during dental treatment: low exposure despite dental unit contamination. Environmental Microbiology, 2007, 9, 2836-2843.	3.8	67

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19	Metalworking Fluid with Mycobacteria and Endotoxin Induces Hypersensitivity Pneumonitis in Mice. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 759-768.	5.6	64
20	Elaboration of an electroporation protocol for Bacillus cereus ATCC 14579. Journal of Microbiological Methods, 2006, 67, 543-548.	1.6	63
21	Airborne bacteria and antibiotic resistance genes in hospital rooms. Aerobiologia, 2010, 26, 185-194.	1.7	63
22	Characterization of Bioaerosols from Dairy Barns: Reconstructing the Puzzle of Occupational Respiratory Diseases by Using Molecular Approaches. Applied and Environmental Microbiology, 2012, 78, 3242-3248.	3.1	60
23	Non-culturable bioaerosols in indoor settings: Impact on health and molecular approaches for detection. Atmospheric Environment, 2015, 110, 45-53.	4.1	60
24	Immunogenic Properties of Archaeal Species Found in Bioaerosols. PLoS ONE, 2011, 6, e23326.	2.5	60
25	Field sampling of indoor bioaerosols. Aerosol Science and Technology, 2020, 54, 572-584.	3.1	58
26	A next generation sequencing approach with a suitable bioinformatics workflow to study fungal diversity in bioaerosols released from two different types of composting plants. Science of the Total Environment, 2017, 601-602, 1306-1314.	8.0	57
27	Human viral pathogens are pervasive in wastewater treatment center aerosols. Journal of Environmental Sciences, 2018, 67, 45-53.	6.1	57
28	Influence of Building Maintenance, Environmental Factors, and Seasons on Airborne Contaminants of Swine Confinement Buildings. AIHAJ: A Journal for the Science of Occupational and Environmental Health and Safety, 2000, 61, 56-63.	0.4	55
29	An aerobiological perspective of dust in cage-housed and floor-housed poultry operations. Journal of Occupational Medicine and Toxicology, 2009, 4, 13.	2.2	55
30	Human pathogens and tetracycline-resistant bacteria in bioaerosols of swine confinement buildings and in nasal flora of hog producers. International Journal of Hygiene and Environmental Health, 2010, 213, 444-449.	4.3	55
31	Metalworking fluids biodiversity characterization. Journal of Applied Microbiology, 2010, 108, 437-449.	3.1	54
32	Detection of Streptococcus suis in Bioaerosols of Swine Confinement Buildings. Applied and Environmental Microbiology, 2014, 80, 3296-3304.	3.1	54
33	Bioaerosol sampling and detection methods based on molecular approaches: No pain no gain. Science of the Total Environment, 2017, 599-600, 2095-2104.	8.0	54
34	Comparison of the performance of ITS1 and ITS2 as barcodes in amplicon-based sequencing of bioaerosols. PeerJ, 2020, 8, e8523.	2.0	54
35	Bacterial diversity characterization of bioaerosols from cage-housed and floor-housed poultry operations. Environmental Research, 2011, 111, 492-498.	7.5	53
36	Six Month Tracking of Microbial Growth in a Metalworking Fluid After System Cleaning and Recharging. Annals of Occupational Hygiene, 2004, 48, 541-6.	1.9	52

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37	Airborne porcine circovirus in Canadian swine confinement buildings. Veterinary Microbiology, 2010, 141, 224-230.	1.9	51
38	Bioaerosol Sampler Choice Should Consider Efficiency and Ability of Samplers To Cover Microbial Diversity. Applied and Environmental Microbiology, 2018, 84, .	3.1	47
39	Hypersensitivity Pneumonitis in Peat Moss Processing Plant Workers. American Journal of Respiratory and Critical Care Medicine, 1998, 158, 412-417.	5.6	46
40	Bioaerosols in the Barcelona subway system. Indoor Air, 2017, 27, 564-575.	4.3	45
41	SARS-CoV-2 and Health Care Worker Protection in Low-Risk Settings: a Review of Modes of Transmission and a Novel Airborne Model Involving Inhalable Particles. Clinical Microbiology Reviews, 2020, 34, .	13.6	45
42	Variations in coil temperature/power and eâ€liquid constituents change size and lung deposition of particles emitted by an electronic cigarette. Physiological Reports, 2019, 7, e14093.	1.7	44
43	Flow cytometry analysis of germinating Bacillus spores, using membrane potential dye. Archives of Microbiology, 2005, 183, 107-112.	2.2	42
44	Impact of Production Systems on Swine Confinement Buildings Bioaerosols. Journal of Occupational and Environmental Hygiene, 2009, 7, 94-102.	1.0	41
45	Natural sources and experimental generation of bioaerosols: Challenges and perspectives. Aerosol Science and Technology, 2020, 54, 547-571.	3.1	40
46	The Pollution Particulate Concentrator (PoPCon): A platform to investigate the effects of particulate air pollutants on viral infectivity. Science of the Total Environment, 2018, 628-629, 1101-1107.	8.0	39
47	On the interpretation of bioaerosol exposure measurements and impacts on health. Journal of the Air and Waste Management Association, 2019, 69, 789-804.	1.9	39
48	Low incidence of airborne SARS-CoV-2 in acute care hospital rooms with optimized ventilation. Emerging Microbes and Infections, 2020, 9, 2597-2605.	6.5	39
49	Resistance of Aerosolized Bacterial Viruses to Relative Humidity and Temperature. Applied and Environmental Microbiology, 2015, 81, 7305-7311.	3.1	38
50	Exposure to indoor air contaminants in school buildings with and without reported indoor air quality problems. Environment International, 2020, 141, 105781.	10.0	38
51	Respiratory Health Impact of Working in Sawmills in Eastern Canada. Archives of Environmental Health, 2000, 55, 424-430.	0.4	37
52	Fungal aerosols at dairy farms using molecular and culture techniques. Science of the Total Environment, 2019, 653, 253-263.	8.0	37
53	Autofluorescence as a viability marker for detection of bacterial spores. Frontiers in Bioscience - Landmark, 2005, 10, 1647.	3.0	34
54	Inactivation of dairy bacteriophages by commercial sanitizers and disinfectants. International Journal of Food Microbiology, 2014, 171, 41-47.	4.7	34

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55	Airborne viable fungi in school environments in different climatic regions â€“ A review. Atmospheric Environment, 2015, 104, 186-194.	4.1	34
56	Exacerbation induces a microbiota shift in sputa of COPD patients. PLoS ONE, 2018, 13, e0194355.	2.5	34
57	Positive no-touch surfaces and undetectable SARS-CoV-2 aerosols in long-term care facilities: An attempt to understand the contributing factors and the importance of timing in air sampling campaigns. American Journal of Infection Control, 2021, 49, 701-706.	2.3	34
58	Bioaerosols in industrial environments: a reviewThis article is one of a selection of papers published in this Special Issue on Biological Air Treatment.. Canadian Journal of Civil Engineering, 2009, 36, 1873-1886.	1.3	31
59	Assessment of Particulates and Bioaerosols in Eastern Canadian Sawmills. AIHA Journal, 2000, 61, 727-732.	0.4	31
60	Airborne Microflora in Quebec Dairy Farms: Lack of Effect of Bacterial Hay Preservatives. AIHA Journal, 1999, 60, 89-95.	0.4	30
61	Bacteria emitted in ambient air during bronchoscopyâ€"a risk to health care workers?. American Journal of Infection Control, 2016, 44, 1634-1638.	2.3	30
62	Assessment of Particulates and Bioaerosols in Eastern Canadian Sawmills. AIHAJ: A Journal for the Science of Occupational and Environmental Health and Safety, 2000, 61, 727-732.	0.4	29
63	Permeabilization and hybridization protocols for rapid detection of Bacillus spores using fluorescence in situ hybridization. Journal of Microbiological Methods, 2009, 77, 29-36.	1.6	27
64	Comparison of Polycarbonate and Polytetrafluoroethylene Filters for Sampling of Airborne Bacteriophages. Aerosol Science and Technology, 2010, 44, 197-201.	3.1	27
65	Bioaerosols Play a Major Role in the Nasopharyngeal Microbiota Content in Agricultural Environment. International Journal of Environmental Research and Public Health, 2019, 16, 1375.	2.6	27
66	Workers' exposure to bioaerosols from three different types of composting facilities. Journal of Occupational and Environmental Hygiene, 2017, 14, 815-822.	1.0	26
67	Title is missing!. Aerobiologia, 2001, 17, 121-125.	1.7	25
68	Hypersensitivity Pneumonitis in a Hardwood Processing Plant Related to Heavy Mold Exposure. Journal of Occupational and Environmental Hygiene, 2006, 3, 301-307.	1.0	25
69	Metalworking Fluid-Related Aerosols in Machining Plants. Journal of Occupational and Environmental Hygiene, 2010, 7, 280-289.	1.0	25
70	Microbial Contents of Vacuum Cleaner Bag Dust and Emitted Bioaerosols and Their Implications for Human Exposure Indoors. Applied and Environmental Microbiology, 2013, 79, 6331-6336.	3.1	25
71	Endotoxin levels and contribution factors of endotoxins in resident, school, and office environments â€" A review. Atmospheric Environment, 2016, 142, 360-369.	4.1	25
72	Particle and bioaerosol characteristics in a paediatric intensive care unit. Environment International, 2017, 107, 89-99.	10.0	25

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73	Airborne Microflora in Quebec Dairy Farms: Lack of Effect of Bacterial Hay Preservatives. AIHA Journal, 1999, 60, 89-95.	0.4	25
74	Identification of mycobacteria in peat moss processing plants: application of molecular biology approaches. Canadian Journal of Microbiology, 2007, 53, 92-99.	1.7	24
75	Evaluation of the plasmid copy number in B. cereus spores, during germination, bacterial growth and sporulation using real-time PCR. Plasmid, 2008, 60, 118-124.	1.4	24
76	Evaluation of bacterial contaminants found on unused paper towels and possible postcontamination after handwashing: A pilot study. American Journal of Infection Control, 2012, 40, e5-e9.	2.3	24
77	Archaeal characterization of bioaerosols from cage-housed and floor-housed poultry operations. Canadian Journal of Microbiology, 2013, 59, 46-50.	1.7	24
78	Report of the workshop for life detection in samples from Mars. Life Sciences in Space Research, 2014, 2, 1-5.	2.3	24
79	Production of recycled manure solids for use as bedding in Canadian dairy farms: II. Composting methods. Journal of Dairy Science, 2019, 102, 1847-1865.	3.4	24
80	Microbiological and molecular characterization of denitrification in biofilters treating pig manure. Bioresource Technology, 2008, 99, 4495-4502.	9.6	23
81	Airborne culturable fungi in naturally ventilated primary school environments in a subtropical climate. Atmospheric Environment, 2015, 106, 412-418.	4.1	23
82	Preferential aerosolization of bacteria in bioaerosols generatedinÂvitro. Journal of Applied Microbiology, 2017, 123, 688-697.	3.1	23
83	Bioaerosols and Transmission, a Diverse and Growing Community of Practice. Frontiers in Public Health, 2019, 7, 23.	2.7	23
84	Saccharopolyspora rectivirgula from Quebec dairy barns: application of simplified criteria for the identification of an agent responsible for farmer's lung disease. Journal of Medical Microbiology, 1999, 48, 173-180.	1.8	21
85	Endotoxins in Indoor Air and Settled Dust in Primary Schools in a Subtropical Climate. Environmental Science & Technology, 2013, 47, 9882-9890.	10.0	21
86	Evaluation of bioaerosol exposures during hospital bronchoscopy examinations. Environmental Sciences: Processes and Impacts, 2015, 17, 288-299.	3.5	21
87	Preferential aerosolization of Actinobacteria during handling of composting organic matter. Journal of Aerosol Science, 2018, 116, 83-91.	3.8	21
88	Recovery of Fungal Cells from Air Samples: a Tale of Loss and Gain. Applied and Environmental Microbiology, 2019, 85, .	3.1	21
89	Fungal bioaerosols in biomethanization facilities. Journal of the Air and Waste Management Association, 2018, 68, 1198-1210.	1.9	20
90	Bioaerosols concentrations in working areas in biomethanization facilities. Journal of the Air and Waste Management Association, 2017, 67, 1258-1271.	1.9	19

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91	Quantification of airborne dust, endotoxins, human pathogens and antibiotic and metal resistance genes in Eastern Canadian swine confinement buildings. Aerobiologia, 2019, 35, 283-296.	1.7	19
92	Non-small cell lung cancer microbiota characterization: Prevalence of enteric and potentially pathogenic bacteria in cancer tissues. PLoS ONE, 2021, 16, e0249832.	2.5	19
93	Resistance of Aerosolized Bacterial Viruses to Four Germicidal Products. PLoS ONE, 2016, 11, e0168815.	2.5	19
94	Impact of serotype and sequence type on the preferential aerosolization of Streptococcus suis. BMC Research Notes, 2016, 9, 273.	1.4	18
95	Presence of zoonotic pathogens in physico-chemically characterized manures from hog finishing houses using different production systems. Bioresource Technology, 2010, 101, 4048-4055.	9.6	17
96	Potentially Pathogenic Bacteria and Antimicrobial Resistance in Bioaerosols from Cage-Housed and Floor-Housed Poultry Operations. Annals of Occupational Hygiene, 2012, 56, 440-9.	1.9	17
97	Design of an environmentally controlled rotating chamber for bioaerosol aging studies. Inhalation Toxicology, 2014, 26, 554-558.	1.6	17
98	Effect of growth media and washing on the spectral signatures of aerosolized biological simulants. Applied Optics, 2011, 50, 788.	2.1	16
99	Identification of dichloroacetic acid degrading Cupriavidus bacteria in a drinking water distribution network model. Journal of Applied Microbiology, 2014, 116, 208-221.	3.1	16
100	Evidence for Environmentalâ€“Human Microbiota Transfer at a Manufacturing Facility with Novel Work-related Respiratory Disease. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1678-1688.	5.6	16
101	Methanosphaera stadtmanae induces a type IV hypersensitivity response in a mouse model of airway inflammation. Physiological Reports, 2017, 5, e13163.	1.7	16
102	Biological activities of respirable dust from Eastern Canadian peat moss factories. Toxicology in Vitro, 2010, 24, 1273-1278.	2.4	13
103	First identification of mcr-1/mcr-2 genes in the fecal microbiota of Canadian commercial pigs during the growing and finishing period . Veterinary Medicine: Research and Reports, 2019, Volume 10, 65-67.	0.6	13
104	RAPID DETECTION OF GERMINATING BACILLUS CEREUS CELLS USING FLUORESCENT IN SITU HYBRIDIZATION. Journal of Rapid Methods and Automation in Microbiology, 2009, 17, 80-102.	0.4	12
105	Airborne microfungi from eastern Canadian sawmills. Canadian Journal of Microbiology, 2000, 46, 612-616.	1.7	11
106	Bioaerosols in Peat Moss Processing Plants. Journal of Occupational and Environmental Hygiene, 2006, 3, 408-417.	1.0	11
107	Seasonal variations in work-related health effects in swine farm workers. Annals of Agricultural and Environmental Medicine, 2009, 16, 43-52.	1.0	11
108	Flow Cytometry Sorting Protocol of Bacillus Spore Using Ultraviolet Laser and Autofluorescence as Main Sorting Criterion. Journal of Fluorescence, 2006, 16, 733-737.	2.5	10

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109	In situ detection of antibiotic-resistance elements in single Bacillus cereus spores. Systematic and Applied Microbiology, 2009, 32, 323-333.	2.8	10
110	Neuraminidase Activity as a Potential Enzymatic Marker for Rapid Detection of Airborne Viruses. Aerosol Science and Technology, 2011, 45, 183-195.	3.1	10
111	Assessing microbial decontamination of indoor air with particular focus on human pathogenic viruses. American Journal of Infection Control, 2016, 44, S121-S126.	2.3	10
112	Re-aerosolization in liquid-based air samplers induces bias in bacterial diversity. Aerosol Science and Technology, 2019, 53, 1244-1260.	3.1	10
113	Condensation sampler efficiency for the recovery and infectivity preservation of viral bioaerosols. Aerosol Science and Technology, 2021, 55, 653-664.	3.1	10
114	A sphingosine-1-phosphate receptor 1 agonist inhibits tertiary lymphoid tissue reactivation and hypersensitivity in the lung. Mucosal Immunology, 2018, 11, 112-119.	6.0	9
115	Ozone treatment in a wind tunnel for the reduction of airborne viruses in swine buildings. Aerosol Science and Technology, 2020, 54, 1471-1478.	3.1	9
116	Indoor air quality assessment in dwellings with different ventilation strategies in Nunavik and impacts on bacterial and fungal microbiota. Indoor Air, 2021, 31, 2213-2225.	4.3	9
117	Ozone inactivation of airborne influenza and lack of resistance of respiratory syncytial virus to aerosolization and sampling processes. PLoS ONE, 2021, 16, e0253022.	2.5	9
118	Bioaerosols and airborne transmission: Integrating biological complexity into our perspective. Science of the Total Environment, 2022, 825, 154117.	8.0	9
119	Association Study of Genes Associated to Asthma in a Specific Environment, in an Asthma Familial Collection Located in a Rural Area Influenced by Different Industries. International Journal of Environmental Research and Public Health, 2012, 9, 2620-2635.	2.6	8
120	Swine Production Impact on Residential Ambient Air Quality. Journal of Agromedicine, 2009, 14, 291-298.	1.5	7
121	Work-Related Health Effects in Swine Building Workers After Respiratory Protection Use. Journal of Occupational and Environmental Medicine, 2012, 54, 1126-1132.	1.7	7
122	A simple and rapid fluorescent neuraminidase enzymatic assay on a microfluidic chip. Diagnostic Microbiology and Infectious Disease, 2012, 74, 263-266.	1.8	7
123	Management of the 2012 Legionella crisis in Quebec City: need for a better communication between resources and knowledge transfer. Frontiers in Microbiology, 2014, 5, 182.	3.5	7
124	Development of a robust protocol for the characterization of the pulmonary microbiota. Communications Biology, 2021, 4, 164.	4.4	7
125	Bioaerosols in industrial environments: a review. Journal of Environmental Engineering and Science, 2014, 9, 4-19.	0.8	6
126	Nanoscale aerovirology: An efficient yet simple method to analyze the viral distribution of single bioaerosols. Aerosol Science and Technology, 2016, 50, 732-739.	3.1	5

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127	Organic components of airborne dust influence the magnitude and kinetics of dendritic cell activation. Toxicology in Vitro, 2018, 50, 391-398.	2.4	5
128	Design and Validation with Influenza A Virus of an Aerosol Transmission Chamber for Ferrets. International Journal of Environmental Research and Public Health, 2019, 16, 609.	2.6	5
129	Sensitization to Airborne Molds and Its Health Effects in Peat Moss Processing Plant Workers. Journal of Occupational and Environmental Hygiene, 2006, 3, 442-447.	1.0	4
130	Immunologic mechanisms in the adaptation of swine farm workers to their work environment. Innate Immunity, 2013, 19, 403-410.	2.4	4
131	Airborne Bacteria, Archaea, and Endotoxin. , 0, , 3.2.6-1-3.2.6-20.		4
132	Archaea and Bacteria Exposure in Danish Livestock Farmers. Annals of Work Exposures and Health, 2019, 63, 965-974.	1.4	4
133	An Overview of Bioinformatics Tools for DNA Meta-Barcoding Analysis of Microbial Communities of Bioaerosols: Digest for Microbiologists. Life, 2020, 10, 185.	2.4	4
134	S1P₁Contributes to Endotoxin-enhanced B-Cell Functions Involved in Hypersensitivity Pneumonitis. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 209-218.	2.9	4
135	Challenge of mechanical and antimicrobial filters against infectious phages artificially agglomerated with inorganic dust with a known particle-size distribution. Aerosol Science and Technology, 2021, 55, 194-204.	3.1	4
136	Microbial composition of bioaerosols in indoor wastewater treatment plants. Aerobiologia, 2022, 38, 35-50.	1.7	4
137	Usefulness of using three different culture media for mold recovery in exposure assessment studies. Aerobiologia, 2002, 18, 245-251.	1.7	3
138	Survival of Staphylococcus and other bacteria in skin prick test antigens solutions. American Journal of Infection Control, 2009, 37, 606-608.	2.3	3
139	Neuraminidase as an enzymatic marker for detecting airborne Influenza virus and other viruses. Canadian Journal of Microbiology, 2017, 63, 119-128.	1.7	3
140	Reduction of Bioaerosols Emitted from a Swine Confinement Building by a Percolating Biofilter During a 10-Month Period. Atmosphere, 2019, 10, 525.	2.3	3
141	Impact of improved indoor air quality in Nunavik homes on childrenâ€™s respiratory health. Indoor Air, 2022, 32, e13009.	4.3	3
142	Nitrification monitoring in a biofilter treating pig manure. Journal of Chemical Technology and Biotechnology, 2007, 82, 905-912.	3.2	2
143	Application of a Simple Method to Study Single-Particle Bioaerosols Including Preferential Aerosolization. Aerosol Science and Technology, 2015, 49, 250-255.	3.1	2
144	Bench-Scale Pig Buildings: Validation of a Model for Studying Airborne Contaminants of Concern for Human and Animal Health. Transactions of the ASABE, 2020, 63, 541-548.	1.1	2

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145	Bioaerosols in public and tourist buses. Aerobiologia, 2021, 37, 525-541.	1.7	2
146	Contaminants and Where to Find Them: Microbiological Quality Control in Axenic Animal Facilities. Frontiers in Microbiology, 2021, 12, 709399.	3.5	2
147	Managing the bacterial contamination risk in an axenic mice animal facility. Canadian Journal of Microbiology, 2021, 67, 657-666.	1.7	2
148	Influence of seasons and sites on bioaerosols in indoor wastewater treatment plants and proposal for air quality indicators. Journal of the Air and Waste Management Association, 2022, 72, 1000-1011.	1.9	2
149	Conifer Needle Phyllosphere as a Potential Passive Monitor of Bioaerosolised Antibiotic Resistance Genes. Antibiotics, 2022, 11, 907.	3.7	2
150	Microbes and Microbial Products in Cigarette Smoke. Implications for Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2014, 11, S76-S76.	3.2	1
151	An amplicon-based sequencing approach for the study of aeromycology. Journal of Xenobiotics, 2018, 8, 7810.	6.7	1
152	Production of composted recycled manure solids from a Canadian dairy farm: Impact on microbial air quality in experimental conditions. Journal of the Air and Waste Management Association, 2021, 71, 413-421.	1.9	1
153	High and low flowrate sampling of airborne influenza in hospital rooms during three outbreaks. Journal of Aerosol Science, 2021, 158, 105824.	3.8	1
154	A case of primary COVID-19 pneumonia: plausible airborne transmission of SARS-CoV-2. European Journal of Medical Research, 2022, 27, 50.	2.2	1