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List of Publications by Year in descending order

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26
papers

1,259
citations

623734

14
h-index

752698

20
g-index

29
all docs

29
docs citations

29
times ranked

1708
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability of SARS-CoV-2 and other coronaviruses in the environment and on common touch surfaces and the influence of climatic conditions: A review. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 296-312.	3.0	332
2	Greater than 3-Log Reduction in Viable Coronavirus Aerosol Concentration in Ducted Ultraviolet-C (UV-C) Systems. <i>Environmental Science & Technology</i> , 2021, 55, 4174-4182.	10.0	43
3	Comparison of samplers collecting airborne influenza viruses: 1. Primarily impingers and cyclones. <i>PLoS ONE</i> , 2021, 16, e0244977.	2.5	16
4	Durable nanocomposite face masks with high particulate filtration and rapid inactivation of coronaviruses. <i>Scientific Reports</i> , 2021, 11, 24318.	3.3	20
5	Bactericidal Efficacy of a Two-Dimensional Array of Integrated, Coaxial, Microhollow, Dielectric Barrier Discharge Plasma Against <i>Salmonella enterica</i> Serovar Heidelberg. <i>Foodborne Pathogens and Disease</i> , 2020, 17, 157-165.	1.8	18
6	In situ inactivation of human norovirus GII.4 by cold plasma: Ethidium monoazide (EMA)-coupled RT-qPCR underestimates virus reduction and fecal material suppresses inactivation. <i>Food Microbiology</i> , 2020, 85, 103307.	4.2	38
7	Virulence factors and antibiograms of <i>Escherichia coli</i> isolated from diarrheic calves of Egyptian cattle and water buffaloes. <i>PLoS ONE</i> , 2020, 15, e0232890.	2.5	14
8	Inactivation of virus and bacteria using cold atmospheric pressure air plasmas and the role of reactive nitrogen species. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 434004.	2.8	48
9	Rapid inactivation of airborne porcine reproductive and respiratory syndrome virus using an atmospheric pressure air plasma. <i>Plasma Processes and Polymers</i> , 2020, 17, 1900269.	3.0	34
10	Comparative evaluation of the virucidal effect of remote and direct cold air plasmas with UV-C. <i>Plasma Processes and Polymers</i> , 2020, 17, 1900234.	3.0	7
11	On Improving Toll Accuracy for COVID-like Epidemics in Underserved Communities Using User-generated Data. , 2020, , .		5
12	Genetic Diversity of <i>Ornithobacterium rhinotracheale</i> Isolated from Chickens and Turkeys in the United States. <i>Avian Diseases</i> , 2020, 64, 324-329.	1.0	3
13	Involvement of Egyptian Foods in Foodborne Viral Illnesses: The Burden on Public Health and Related Environmental Risk Factors: An Overview. <i>Food and Environmental Virology</i> , 2019, 11, 315-339.	3.4	12
14	Reactive species responsible for the inactivation of feline calicivirus by a two-dimensional array of integrated coaxial microhollow dielectric barrier discharges in air. <i>Plasma Processes and Polymers</i> , 2018, 15, 1700119.	3.0	56
15	Inactivation Kinetics of Epizootic Hemorrhagic Disease Virus (EHDV) By Ingredients Contained in Expect Healthy Deer Technology®. <i>Journal of Animal Science</i> , 2018, 96, 34-34.	0.5	0
16	Cold argon-oxygen plasma species oxidize and disintegrate capsid protein of feline calicivirus. <i>PLoS ONE</i> , 2018, 13, e0194618.	2.5	42
17	Biocidal Efficacy of Non-Equilibrium Plasma Sources: A Comparative Study. , 2018, , .		0
18	Role of Reactive Nitrogen Species in Inactivation of Feline Calicivirus Using Two-Dimensional Array of Micro-Discharges in Air. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Nanomagnetic Biosensor for the Detection of Porcine Interferon Gamma. , 2017, , .		0
20	Inactivation of virus in solution by cold atmospheric pressure plasma: identification of chemical inactivation pathways. Journal Physics D: Applied Physics, 2016, 49, 204001.	2.8	129
21	Methods for Virus Recovery from Foods. , 2016, , 231-276.		8
22	In Vitro Antiviral Activity of Clove and Ginger Aqueous Extracts against Feline Calicivirus, a Surrogate for Human Norovirus. Journal of Food Protection, 2016, 79, 1001-1012.	1.7	67
23	Identification of the biologically active liquid chemistry induced by a nonthermal atmospheric pressure plasma jet. Biointerphases, 2015, 10, 029518.	1.6	226
24	Virucidal Effect of Cold Atmospheric Gaseous Plasma on Feline Calicivirus, a Surrogate for Human Norovirus. Applied and Environmental Microbiology, 2015, 81, 3612-3622.	3.1	82
25	Antiviral Effects of Lactococcus lactis on Feline Calicivirus, A Human Norovirus Surrogate. Food and Environmental Virology, 2014, 6, 282-289.	3.4	37
26	Some factors affecting tannase production by Aspergillus niger Van Tieghem. Brazilian Journal of Microbiology, 2013, 44, 559-567.	2.0	13