Syed A Sattar

List of Publications by Year
in descending order

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100	2,652	196777	223390
papers	citations	29	49
		h-index	g-index

108	108	108	2543
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Direct and quantitative capture of viable bacteriophages from experimentally contaminated indoor air: A model for the study of airborne vertebrate viruses including SARSâ€CoVâ€2. Journal of Applied Microbiology, 2022, 132, 1489-1495.	1.4	7
2	Quantifying pathogen infection risks from household laundry practices. Journal of Applied Microbiology, 2022, 132, 1435-1448.	1.4	7
3	Highly sensitive magnetic-microparticle-based aptasensor for Cryptosporidium parvum oocyst detection in river water and wastewater: Effect of truncation on aptamer affinity. Talanta, 2021, 222, 121618.	2.9	13
4	The pandemic of coronavirus disease 2019 (COVID-19): The good, the bad and the ugly!. Infection Control and Hospital Epidemiology, 2021, , 1-2.	1.0	0
5	A review ofCryptosporidiumspp. and their detection in water. Water Science and Technology, 2021, 83, 1-25.	1.2	32
6	Analysis of an indoor air decontamination device inside an aerobiology chamber: a numerical-experimental study. Air Quality, Atmosphere and Health, 2020, 13, 281-288.	1.5	8
7	Potential Role of Oral Rinses Targeting the Viral Lipid Envelope in SARS-CoV-2 Infection. Function, 2020, 1, zqaa002.	1.1	118
8	Combating SARS-CoV-2: leveraging microbicidal experiences with other emerging/re-emerging viruses. PeerJ, 2020, 8, e9914.	0.9	20
9	Development and application of DNA-aptamer-coupled magnetic beads and aptasensors for the detection of Cryptosporidium parvum oocysts in drinking and recreational water resources. Canadian Journal of Microbiology, 2019, 65, 851-857.	0.8	21
10	â€˜Chemical-freeâ€™ cleaningâ€”Need for a closer look. Infection Control and Hospital Epidemiology, 2019, 40, 1326-1327.	1.0	2
11	Cryptosporidium parvum oocyst directed assembly of gold nanoparticles and graphene oxide. Frontiers of Chemical Science and Engineering, 2019, 13, 608-615.	2.3	12
12	Complete Genome Sequences of a Diverse Group of 13 Propionibacterium acnes Bacteriophages Isolated from Urban Raw Sewage. Genome Announcements, 2018, 6, .	0.8	1
13	Airborne Pathogens inside Automobiles for Domestic Use: Assessing In-Car Air Decontamination Devices Using Staphylococcus aureus as the Challenge Bacterium. Applied and Environmental Microbiology, 2017, 83, .	1.4	15
14	Airborne Infectious Agents and Other Pollutants in Automobiles for Domestic Use: Potential Health Impacts and Approaches to Risk Mitigation. Journal of Environmental and Public Health, 2016, 2016, 1-12.	0.4	12
15	Generic aspects of the airborne spread of human pathogens indoors and emerging air decontamination technologies. American Journal of Infection Control, 2016, 44, S109-S120.	1.1	91
16	Mathematical modeling and simulation of bacterial distribution in an aerobiology chamber using computational fluid dynamics. American Journal of Infection Control, 2016, 44, S127-S137.	1.1	15
17	Decontamination of indoor air to reduce the risk of airborne infections: Studies on survival and inactivation of airborne pathogens using an aerobiology chamber. American Journal of Infection Control, 2016, 44, e177-e182.	1.1	28
18	Indoor air as a vehicle for human pathogens: Introduction, objectives, and expectation of outcome. American Journal of Infection Control, 2016, 44, S95-S101.	1.1	15

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19	Using Microbicidal Chemicals to Interrupt the Spread of Foodborne Viruses. , 2016, , 393-419.		1
20	Detection of Cryptosporidium parvum Oocysts on Fresh Produce Using DNA Aptamers. PLoS ONE, 2015, 10, e0137455.	1.1	52
21	The crucial role of wiping in decontamination of high-touch environmental surfaces: Review of current status and directions for the future. American Journal of Infection Control, 2013, 41, S97-S104.	1.1	74
22	Antimicrobial Surfaces. , 2012, , 485-499.		0
23	Antimicrobial Dressings. , 2012, , 514-519.		1
24	Antimicrobial Textiles and Testing Techniques. , 2012, , 520-529.		1
25	Natural Products. , 2012, , 550-564.		0
26	Applications of Bacteriophage Technology. , 2012, , 565-575.		1
27	Control of Infectious Bioagents. , 2012, , 576-588.		0
28	Biofilm Recalcitrance: Theories and Mechanisms. , 2012, , 87-94.		0
29	Mechanisms of Action of Microbicides. , 2012, , 95-107.		8
30	Mechanisms of Bacterial Resistance to Microbicides. , 2012, , 108-120.		4
31	Resistance of Bacterial Spores to Chemical Agents. , 2012, , 121-130.		8
32	Transmissible Spongiform Encephalopathies and Decontamination. , 2012, , 208-228.		0
33	Microbicides - The Double-Edged Sword: Environmental Toxicity and Emerging Resistance. , 2012, , 229-235.		1
34	Evaluation of Antimicrobial Efficacy. , 2012, , 236-246.		2
35	Legislation Affecting Disinfectant Products in Europe: The Biocidal Products Directive and the Registration, Evaluation and Authorization of Chemicals Regulations. , 2012, , 255-261.		0
36	Gaseous Sterilization. , 2012, , 306-332.		1

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37	Preservation of Medicines and Cosmetics. , 2012, , 388-407.		0
38	Issues Associated with the Decontamination of Laundry and Clinical Waste. , 2012, , 471-477.		0
39	Filtration Sterilization. , 2012, , 343-370.		1
40	Gas Plasma Sterilization. , 2012, , 333-342.		3
41	Hand Hygiene. , 2012, , 418-444.		2
42	Clospore: A Liquid Medium for Producing High Titers of Semi-purified Spores of Clostridium difficile. Journal of AOAC INTERNATIONAL, 2011, 94, 618-626.	0.7	72
43	In Vivo Comparison of Two Human Norovirus Surrogates for Testing Ethanol-Based Handrubs: The Mouse Chasing the Cat!. PLoS ONE, 2011, 6, e17340.	1.1	44
44	The Influence of Temperature on Norovirus Inactivation by Monochloramine in Potable Waters: Testing with Murine Norovirus as a Surrogate for Human Norovirus. Food and Environmental Virology, 2010, 2, 97-100.	1.5	6
45	Use of a Mixture of Surrogates for Infectious Bioagents in a Standard Approach to Assessing Disinfection of Environmental Surfaces. Applied and Environmental Microbiology, 2010, 76, 6020-6022.	1.4	27
46	Promises and pitfalls of recent advances in chemical means of preventing the spread of nosocomial infections by environmental surfaces. American Journal of Infection Control, 2010, 38, S34-S40.	1.1	58
47	The effect of volatile fatty acids on the inactivation of Clostridium perfringens in anaerobic digestion. World Journal of Microbiology and Biotechnology, 2008, 24, 659-665.	1.7	42
48	Improved Inactivation of Nonenveloped Enteric Viruses and Their Surrogates by a Novel Alcohol-Based Hand Sanitizer. Applied and Environmental Microbiology, 2008, 74, 5047-5052.	1.4	107
49	Identification by Quantitative Carrier Test of Surrogate Spore-Forming Bacteria To Assess Sporicidal Chemicals for Use against Bacillus anthracis. Applied and Environmental Microbiology, 2008, 74, 676-681.	1.4	42
50	Effects of Environmental Chemicals and the Host-Pathogen Relationship: Are There Any Negative Consequences for Human Health?. ACS Symposium Series, 2007, , 2-30.	0.5	9
51	Hierarchy of Susceptibility of Viruses to Environmental Surface Disinfectants: A Predictor of Activity Against New and Emerging Viral Pathogens. Journal of AOAC INTERNATIONAL, 2007, 90, 1655-1658.	0.7	46
52	Application of a Quantitative Carrier Test to Evaluate Microbicides against Mycobacteria. Journal of AOAC INTERNATIONAL, 2007, 90, 817-824.	0.7	12
53	Reducing the health impact of infectious agents: the significance of preventive strategies. GMS Krankenhaushygiene InterdisziplinÃr, 2007, 2, Doc06.	0.3	1
54	Application of a quantitative carrier test to evaluate microbicides against mycobacteria. Journal of AOAC INTERNATIONAL, 2007, 90, 817-24.	0.7	7

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55	Hierarchy of susceptibility of viruses to environmental surface disinfectants: a predictor of activity against new and emerging viral pathogens. Journal of AOAC INTERNATIONAL, 2007, 90, 1655-8.	0.7	14
56	Experimental Evaluation of an Automated Endoscope Reprocessor With In Situ Generation of Peracetic Acid for Disinfection of Semicritical Devices. Infection Control and Hospital Epidemiology, 2006, 27, 1193-1199.	1.0	9
57	Broad-spectrum microbicidal activity, toxicologic assessment, and materials compatibility of a new generation of accelerated hydrogen peroxide-based environmental surface disinfectant. American Journal of Infection Control, 2006, 34, 251-257.	1.1	131
58	Chemical Disinfection Strategies Against Food-borne Viruses. , 2006, , 265-287.		2
59	Carrier Tests to Assess Microbicidal Activities of Chemical Disinfectants for Use on Medical Devices and Environmental Surfaces. Journal of AOAC INTERNATIONAL, 2005, 88, 182-201.	0.7	68
60	Activity of selected oxidizing microbicides against the spores of : Relevance to environmental control. American Journal of Infection Control, 2005, 33, 320-325.	1.1	112
61	Carrier tests to assess microbicidal activities of chemical disinfectants for use on medical devices and environmental surfaces. Journal of AOAC INTERNATIONAL, 2005, 88, 182-201.	0.7	26
62	A disc-based quantitative carrier test method to assess the virucidal activity of chemical germicides. Journal of Virological Methods, 2003, 112, 3-12.	1.0	83
63	The Need and Methods for Assessing the Activity of Topical Agents against Viruses. , 2002, , .		2
64	Hygienic hand antiseptics: Should they not have activity and label claims against viruses?. American Journal of Infection Control, 2002, 30, 355-372.	1.1	59
65	Combined application of simulated reuse and quantitative carrier tests to assess high-level disinfection: Experiments with an accelerated hydrogen peroxide-based formulation. American Journal of Infection Control, 2002, 30, 449-457.	1.1	21
66	The fingerpad protocol to assess hygienic hand antiseptics against viruses. Journal of Virological Methods, 2002, 103, 171-181.	1.0	54
67	Foodborne Pread of Hepatitis A: Recent Studies on Virus Survival, Transfer and Inactivation. Canadian Journal of Infectious Diseases & Medical Microbiology, 2000, 11, 159-163.	0.3	58
68	Activity of an Alcohol-Based Hand Gel Against Human Adeno-, Rhino-, and Rotaviruses Using the Fingerpad Method. Infection Control and Hospital Epidemiology, 2000, 21, 516-519.	1.0	102
69	Impact of changing societal trends on the spread of infections in American and Canadian homes. American Journal of Infection Control, 1999, 27, S4-S21.	1.1	56
70	Feasibility of a combined carrier test for disinfectants: studies with a mixture of five types of microorganisms. American Journal of Infection Control, 1994, 22, 152-162.	1.1	73
71	Comparison of cloth, paper, and warm air drying in eliminating viruses and bacteria from washed hands. American Journal of Infection Control, 1991, 19, 243-249.	1.1	97
72	Chemical disinfection of virusâ€contaminated surfaces. Critical Reviews in Environmental Control, 1990, 20, 169-229.	0.7	61

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73	Spread of acute hemorrhagic conjunctivitis due to enterovirus-70: Effect of air temperature and relative humidity on virus survival on fomites. Journal of Medical Virology, 1988, 25, 289-296.	2.5	34
74	Spread of viral infections by aerosols. Critical Reviews in Environmental Control, 1987, 17, 89-131.	0.7	87
75	Enteric Virus Removal from Water by Coal-Based Sorbents: Development of Low-Cost Water Filters. Water Science and Technology, 1986, 18, 77-82.	1.2	11
76	Institutional outbreaks of rotavirus diarrhoea: potential role of fomites and environmental surfaces as vehicles for virus transmission. The Journal of Hygiene, 1986, 96, 277-289.	1.0	155
77	Chemical disinfection of human rotaviruses: efficacy of commercially-available products in suspension tests. The Journal of Hygiene, 1986, 97, 139-161.	1.0	94
78	Chemical disinfection of human rotavirus-contaminated inanimate surfaces. The Journal of Hygiene, 1986, 97, 163-173.	1.0	101
79	Long-term survival of human rotavirus in raw and treated river water. Canadian Journal of Microbiology, 1985, 31, 124-128.	0.8	57
80	A Simple Slide Holder for immunofluorescent Staining. Biotechnic & Histochemistry, 1975, 50, 58-59.	0.4	0
81	Hazard Inherent in Microbial Tracers: Reduction of Risk by the Use of Bacillus stearothermophilus Spores in Aerobiology. Applied Microbiology, 1972, 23, 1053-1059.	0.6	4
82	Antimicrobial Devices. , 0, , 500-513.		0
83	Treated Recreational Water Venues. , 0, , 478-484.		0
84	Use of Microbicides in Disinfection of Contact Lenses. , 0, , 530-536.		0
85	Special Issues in Dentistry. , 0, , 537-549.		0
86	Factors Affecting the Activities of Microbicides. , 0, , 71-86.		3
87	Types of Microbicidal and Microbistatic Agents. , 0, , 5-70.		9
88	Testing of Chemicals as Mycobactericidal Agents. , 0, , 131-141.		0
89	Fungicidal Activity of Microbicides. , 0, , 142-154.		1
90	Sensitivity and Resistance of Protozoa to Microbicides. , 0, , 155-177.		1

#	Article	IF	Citations
91	Virucidal Activity of Microbicides. , 0, , 178-207.		8
92	Assessing the Efficacy of Professional Healthcare Antiseptics: A Regulatory Perspective. , 0, , 247-254.		0
93	Regulatory Authorization of Hard Surface Disinfectants in Canada. , 0, , 262-268.		0
94	United States Regulation of Antimicrobial Pesticides. , 0, , 269-276.		1
95	Radiation Sterilization. , 0, , 294-305.		4
96	New and Emerging Technologies. , 0, , 371-387.		1
97	Heat Sterilization. , 0, , 277-293.		0
98	Sterility Assurance: Concepts, Methods and Problems. , 0, , 408-417.		0
99	Decontamination of the Environment and Medical Equipment in Hospitals. , 0, , 445-458.		0
100	Decontamination of Endoscopes. , 0, , 459-470.		0