

Syed A Sattar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102
papers

2,067
citations

28
h-index

44
g-index

108
ext. papers

2,346
ext. citations

3.4
avg, IF

4.93
L-index

#	Paper	IF	Citations
102	A review of <i>Cryptosporidium</i> spp. and their detection in water. <i>Water Science and Technology</i> , 2021 , 83, 1-25	2.2	5
101	Highly sensitive magnetic-microparticle-based aptasensor for <i>Cryptosporidium parvum</i> oocyst detection in river water and wastewater: Effect of truncation on aptamer affinity. <i>Talanta</i> , 2021 , 222, 121618	6.2	5
100	The pandemic of coronavirus disease 2019 (COVID-19): The good, the bad and the ugly!. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 1-2	2	
99	Direct and quantitative capture of viable bacteriophages from experimentally contaminated indoor air: A model for the study of airborne vertebrate viruses including SARS-CoV-2. <i>Journal of Applied Microbiology</i> , 2021 ,	4.7	4
98	Quantifying pathogen infection risks from household laundry practices. <i>Journal of Applied Microbiology</i> , 2021 ,	4.7	2
97	Combating SARS-CoV-2: leveraging microbicidal experiences with other emerging/re-emerging viruses. <i>PeerJ</i> , 2020 , 8, e9914	3.1	10
96	Potential Role of Oral Rinses Targeting the Viral Lipid Envelope in SARS-CoV-2 Infection. <i>Function</i> , 2020 , 1, zqaa002	6.1	66
95	Analysis of an indoor air decontamination device inside an aerobiology chamber: a numerical-experimental study. <i>Air Quality, Atmosphere and Health</i> , 2020 , 13, 281-288	5.6	5
94	Development and application of DNA-aptamer-coupled magnetic beads and aptasensors for the detection of oocysts in drinking and recreational water resources. <i>Canadian Journal of Microbiology</i> , 2019 , 65, 851-857	3.2	12
93	Chemical-free cleaning-Need for a closer look. <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 1326-1327	2	1
92	<i>Cryptosporidium parvum</i> oocyst directed assembly of gold nanoparticles and graphene oxide. <i>Frontiers of Chemical Science and Engineering</i> , 2019 , 13, 608-615	4.5	9
91	Complete Genome Sequences of a Diverse Group of 13 <i>Propionibacterium acnes</i> Bacteriophages Isolated from Urban Raw Sewage. <i>Genome Announcements</i> , 2018 , 6,		1
90	Airborne Pathogens inside Automobiles for Domestic Use: Assessing In-Car Air Decontamination Devices Using <i>Staphylococcus aureus</i> as the Challenge Bacterium. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	10
89	Handborne Spread of Noroviruses and its Interruption 2017 , 385-390		
88	Methods to Evaluate the Antimicrobial Efficacy of Hand Hygiene Agents 2017 , 58-69		1
87	Indoor air as a vehicle for human pathogens: Introduction, objectives, and expectation of outcome. <i>American Journal of Infection Control</i> , 2016 , 44, S95-S101	3.8	13
86	Using Microbicidal Chemicals to Interrupt the Spread of Foodborne Viruses 2016 , 393-419		1

85	Airborne Infectious Agents and Other Pollutants in Automobiles for Domestic Use: Potential Health Impacts and Approaches to Risk Mitigation. <i>Journal of Environmental and Public Health</i> , 2016 , 2016, 1548326	3.6	11
84	Generic aspects of the airborne spread of human pathogens indoors and emerging air decontamination technologies. <i>American Journal of Infection Control</i> , 2016 , 44, S109-20	3.8	65
83	Mathematical modeling and simulation of bacterial distribution in an aerobiology chamber using computational fluid dynamics. <i>American Journal of Infection Control</i> , 2016 , 44, S127-37	3.8	11
82	Decontamination of indoor air to reduce the risk of airborne infections: Studies on survival and inactivation of airborne pathogens using an aerobiology chamber. <i>American Journal of Infection Control</i> , 2016 , 44, e177-e182	3.8	22
81	Detection of <i>Cryptosporidium parvum</i> Oocysts on Fresh Produce Using DNA Aptamers. <i>PLoS ONE</i> , 2015 , 10, e0137455	3.7	39
80	The crucial role of wiping in decontamination of high-touch environmental surfaces: review of current status and directions for the future. <i>American Journal of Infection Control</i> , 2013 , 41, S97-104	3.8	59
79	Antimicrobial Devices 2012 , 500-513		
78	Treated Recreational Water Venues 2012 , 478-484		
77	Antimicrobial Surfaces 2012 , 485-499		
76	Antimicrobial Dressings 2012 , 514-519		1
75	Antimicrobial Textiles and Testing Techniques 2012 , 520-529		1
74	Use of Microbicides in Disinfection of Contact Lenses 2012 , 530-536		
73	Special Issues in Dentistry 2012 , 537-549		
72	Natural Products 2012 , 550-564		
71	Applications of Bacteriophage Technology 2012 , 565-575		1
70	Control of Infectious Bioagents 2012 , 576-588		
69	Biofilm Recalcitrance: Theories and Mechanisms 2012 , 87-94		
68	Mechanisms of Action of Microbicides 2012 , 95-107		7

67	Factors Affecting the Activities of Microbicides 2012 , 71-86	1
66	Types of Microbicidal and Microbistatic Agents 2012 , 5-70	5
65	Mechanisms of Bacterial Resistance to Microbicides 2012 , 108-120	3
64	Resistance of Bacterial Spores to Chemical Agents 2012 , 121-130	4
63	Testing of Chemicals as Mycobactericidal Agents 2012 , 131-141	
62	Fungicidal Activity of Microbicides 2012 , 142-154	1
61	Sensitivity and Resistance of Protozoa to Microbicides 2012 , 155-177	1
60	Virucidal Activity of Microbicides 2012 , 178-207	6
59	Transmissible Spongiform Encephalopathies and Decontamination 2012 , 208-228	
58	Microbicides □The Double-Edged Sword: Environmental Toxicity and Emerging Resistance 2012 , 229-235	1
57	Evaluation of Antimicrobial Efficacy 2012 , 236-246	1
56	Assessing the Efficacy of Professional Healthcare Antiseptics: A Regulatory Perspective 2012 , 247-254	
55	Legislation Affecting Disinfectant Products in Europe: The Biocidal Products Directive and the Registration, Evaluation and Authorization of Chemicals Regulations 2012 , 255-261	
54	Regulatory Authorization of Hard Surface Disinfectants in Canada 2012 , 262-268	
53	United States Regulation of Antimicrobial Pesticides 2012 , 269-276	1
52	Radiation Sterilization 2012 , 294-305	3
51	Gaseous Sterilization 2012 , 306-332	1
50	New and Emerging Technologies 2012 , 371-387	1

49 Heat Sterilization **2012**, 277-293

48 Preservation of Medicines and Cosmetics **2012**, 388-407

47 Issues Associated with the Decontamination of Laundry and Clinical Waste **2012**, 471-477

46 Filtration Sterilization **2012**, 343-370

1

45 Sterility Assurance: Concepts, Methods and Problems **2012**, 408-417

44 Gas Plasma Sterilization **2012**, 333-342

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43 Hand Hygiene **2012**, 418-444

42 Decontamination of the Environment and Medical Equipment in Hospitals **2012**, 445-458

41 Decontamination of Endoscopes **2012**, 459-470

40 Clospore: A Liquid Medium for Producing High Titers of Semi-purified Spores of *Clostridium difficile*. *Journal of AOAC INTERNATIONAL*, **2011**, 94, 618-626

1.7 54

39 In vivo comparison of two human norovirus surrogates for testing ethanol-based handrubs: the mouse chasing the cat!. *PLoS ONE*, **2011**, 6, e17340

3.7 39

38 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, 6020-2

4.8 26

37 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, S34-40

3.8 51

36 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

4 3

35 Improved inactivation of nonenveloped enteric viruses and their surrogates by a novel alcohol-based hand sanitizer. *Applied and Environmental Microbiology*, **2008**, 74, 5047-52

4.8 87

34 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, 676-81

4.8 35

33 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

4.4 38

32 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

1.7 29

31	Application of a Quantitative Carrier Test to Evaluate Microbicides against Mycobacteria. <i>Journal of AOAC INTERNATIONAL</i> , 2007 , 90, 817-824	1.7	8
30	Effects of Environmental Chemicals and the Host-Pathogen Relationship: Are There Any Negative Consequences for Human Health?. <i>ACS Symposium Series</i> , 2007 , 2-30	0.4	5
29	Reducing the health impact of infectious agents: the significance of preventive strategies. <i>GMS Krankenhaushygiene Interdisziplinär</i> , 2007 , 2, Doc06		1
28	Application of a quantitative carrier test to evaluate microbicides against mycobacteria. <i>Journal of AOAC INTERNATIONAL</i> , 2007 , 90, 817-24	1.7	6
27	Hierarchy of susceptibility of viruses to environmental surface disinfectants: a predictor of activity against new and emerging viral pathogens. <i>Journal of AOAC INTERNATIONAL</i> , 2007 , 90, 1655-8	1.7	13
26	Experimental evaluation of an automated endoscope reprocessor with in situ generation of peracetic acid for disinfection of semicritical devices. <i>Infection Control and Hospital Epidemiology</i> , 2006 , 27, 1193-9	2	6
25	Broad-spectrum microbicidal activity, toxicologic assessment, and materials compatibility of a new generation of accelerated hydrogen peroxide-based environmental surface disinfectant. <i>American Journal of Infection Control</i> , 2006 , 34, 251-7	3.8	96
24	Chemical Disinfection Strategies Against Food-borne Viruses 2006 , 265-287		2
23	Activity of selected oxidizing microbicides against the spores of Clostridium difficile: relevance to environmental control. <i>American Journal of Infection Control</i> , 2005 , 33, 320-5	3.8	94
22	Carrier Tests to Assess Microbicidal Activities of Chemical Disinfectants for Use on Medical Devices and Environmental Surfaces. <i>Journal of AOAC INTERNATIONAL</i> , 2005 , 88, 182-201	1.7	59
21	Carrier tests to assess microbicidal activities of chemical disinfectants for use on medical devices and environmental surfaces. <i>Journal of AOAC INTERNATIONAL</i> , 2005 , 88, 182-201	1.7	25
20	A disc-based quantitative carrier test method to assess the virucidal activity of chemical germicides. <i>Journal of Virological Methods</i> , 2003 , 112, 3-12	2.6	70
19	The fingerpad protocol to assess hygienic hand antiseptics against viruses. <i>Journal of Virological Methods</i> , 2002 , 103, 171-81	2.6	48
18	The Need and Methods for Assessing the Activity of Topical Agents against Viruses 2002 ,		2
17	Hygienic hand antiseptics: should they not have activity and label claims against viruses?. <i>American Journal of Infection Control</i> , 2002 , 30, 355-72	3.8	52
16	Combined application of simulated reuse and quantitative carrier tests to assess high-level disinfection: experiments with an accelerated hydrogen peroxide-based formulation. <i>American Journal of Infection Control</i> , 2002 , 30, 449-57	3.8	17
15	Foodborne spread of hepatitis A: Recent studies on virus survival, transfer and inactivation. <i>Canadian Journal of Infectious Diseases & Medical Microbiology</i> , 2000 , 11, 159-63		49
14	Activity of an alcohol-based hand gel against human adeno-, rhino-, and rotaviruses using the fingerpad method. <i>Infection Control and Hospital Epidemiology</i> , 2000 , 21, 516-9	2	92

13	Impact of changing societal trends on the spread of infections in American and Canadian homes. <i>American Journal of Infection Control</i> , 1999 , 27, S4-21	3.8	49
12	Feasibility of a combined carrier test for disinfectants: studies with a mixture of five types of microorganisms. <i>American Journal of Infection Control</i> , 1994 , 22, 152-62	3.8	65
11	Comparison of cloth, paper, and warm air drying in eliminating viruses and bacteria from washed hands. <i>American Journal of Infection Control</i> , 1991 , 19, 243-9	3.8	81
10	Chemical disinfection of virus-contaminated surfaces. <i>Critical Reviews in Environmental Control</i> , 1990 , 20, 169-229		45
9	Spread of acute hemorrhagic conjunctivitis due to enterovirus-70: effect of air temperature and relative humidity on virus survival on fomites. <i>Journal of Medical Virology</i> , 1988 , 25, 289-96	19.7	25
8	Spread of viral infections by aerosols. <i>Critical Reviews in Environmental Control</i> , 1987 , 17, 89-131		60
7	Institutional outbreaks of rotavirus diarrhoea: potential role of fomites and environmental surfaces as vehicles for virus transmission. <i>The Journal of Hygiene</i> , 1986 , 96, 277-89		130
6	Chemical disinfection of human rotaviruses: efficacy of commercially-available products in suspension tests. <i>The Journal of Hygiene</i> , 1986 , 97, 139-61		71
5	Chemical disinfection of human rotavirus-contaminated inanimate surfaces. <i>The Journal of Hygiene</i> , 1986 , 97, 163-73		78
4	Enteric Virus Removal from Water by Coal-Based Sorbents: Development of Low-Cost Water Filters. <i>Water Science and Technology</i> , 1986 , 18, 77-82	2.2	11
3	Long-term survival of human rotavirus in raw and treated river water. <i>Canadian Journal of Microbiology</i> , 1985 , 31, 124-8	3.2	48
2	A simple slide holder for immunofluorescent staining. <i>Biotechnic & Histochemistry</i> , 1975 , 50, 58-9		
1	Hazard inherent in microbial tracers: reduction of risk by the use of <i>Bacillus stearothermophilus</i> spores in aerobiology. <i>Applied Microbiology</i> , 1972 , 23, 1053-9		3