

# Syed A Sattar

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

2,652  
citations

172457

29  
h-index

197818

49  
g-index

108  
all docs

108  
docs citations

108  
times ranked

2335  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 277-289.	0.9	155
2	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, 251-257.	2.3	131
3	Potential Role of Oral Rinses Targeting the Viral Lipid Envelope in SARS-CoV-2 Infection. <i>Function</i> , 2020, 1, zqaa002.	2.3	118
4	Activity of selected oxidizing microbicides against the spores of : Relevance to environmental control. <i>American Journal of Infection Control</i> , 2005, 33, 320-325.	2.3	112
5	Improved Inactivation of Nonenveloped Enteric Viruses and Their Surrogates by a Novel Alcohol-Based Hand Sanitizer. <i>Applied and Environmental Microbiology</i> , 2008, 74, 5047-5052.	3.1	107
6	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, 516-519.	1.8	102
7	Chemical disinfection of human rotavirus-contaminated inanimate surfaces. <i>The Journal of Hygiene</i> , 1986, 97, 163-173.	0.9	101
8	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, 243-249.	2.3	97
9	Chemical disinfection of human rotaviruses: efficacy of commercially-available products in suspension tests. <i>The Journal of Hygiene</i> , 1986, 97, 139-161.	0.9	94
10	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-S120.	2.3	91
11	Spread of viral infections by aerosols. <i>Critical Reviews in Environmental Control</i> , 1987, 17, 89-131.	0.7	87
12	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.	2.1	83
13	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-S104.	2.3	74
14	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, 152-162.	2.3	73
15	Clospore: A Liquid Medium for Producing High Titers of Semi-purified Spores of <i>Clostridium difficile</i> . <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 618-626.	1.5	72
16	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.	1.5	68
17	Chemical disinfection of virus-contaminated surfaces. <i>Critical Reviews in Environmental Control</i> , 1990, 20, 169-229.	0.7	61
18	Hygienic hand antiseptics: Should they not have activity and label claims against viruses?. <i>American Journal of Infection Control</i> , 2002, 30, 355-372.	2.3	59

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19	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
20	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.	2.3	58
21	Long-term survival of human rotavirus in raw and treated river water. Canadian Journal of Microbiology, 1985, 31, 124-128.	1.7	57
22	Impact of changing societal trends on the spread of infections in American and Canadian homes. American Journal of Infection Control, 1999, 27, S4-S21.	2.3	56
23	The fingerpad protocol to assess hygienic hand antiseptics against viruses. Journal of Virological Methods, 2002, 103, 171-181.	2.1	54
24	Detection of Cryptosporidium parvum Oocysts on Fresh Produce Using DNA Aptamers. PLoS ONE, 2015, 10, e0137455.	2.5	52
25	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.	1.5	46
26	In Vivo Comparison of Two Human Norovirus Surrogates for Testing Ethanol-Based Handrubs: The Mouse Chasing the Cat!. PLoS ONE, 2011, 6, e17340.	2.5	44
27	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.	3.6	42
28	Identification by Quantitative Carrier Test of Surrogate Spore-Forming Bacteria To Assess Sporicidal Chemicals for Use against <i>Bacillus anthracis</i> . Applied and Environmental Microbiology, 2008, 74, 676-681.	3.1	42
29	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.	5.0	34
30	A review of <i>Cryptosporidium</i> spp. and their detection in water. Water Science and Technology, 2021, 83, 1-25.	2.5	32
31	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.	2.3	28
32	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.	3.1	27
33	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.	1.5	26
34	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.	2.3	21
35	Development and application of DNA-aptamer-coupled magnetic beads and aptasensors for the detection of <i>Cryptosporidium parvum</i> oocysts in drinking and recreational water resources. Canadian Journal of Microbiology, 2019, 65, 851-857.	1.7	21
36	Combating SARS-CoV-2: leveraging microbicidal experiences with other emerging/re-emerging viruses. PeerJ, 2020, 8, e9914.	2.0	20

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37	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-S137.	2.3	15
38	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.	2.3	15
39	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, .	3.1	15
40	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.	1.5	14
41	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.	5.5	13
42	Application of a Quantitative Carrier Test to Evaluate Microbicides against Mycobacteria. <i>Journal of AOAC INTERNATIONAL</i> , 2007, 90, 817-824.	1.5	12
43	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, 1-12.	0.9	12
44	<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.	4.4	12
45	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.	2.5	11
46	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, 1193-1199.	1.8	9
47	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.	0.5	9
48	Types of Microbicidal and Microbistatic Agents. , 0, , 5-70.		9
49	Mechanisms of Action of Microbicides. , 2012, , 95-107.		8
50	Resistance of Bacterial Spores to Chemical Agents. , 2012, , 121-130.		8
51	Virucidal Activity of Microbicides. , 0, , 178-207.		8
52	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.	3.3	8
53	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> , 2022, 132, 1489-1495.	3.1	7
54	Quantifying pathogen infection risks from household laundry practices. <i>Journal of Applied Microbiology</i> , 2022, 132, 1435-1448.	3.1	7

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55	Application of a quantitative carrier test to evaluate microbicides against mycobacteria. Journal of AOAC INTERNATIONAL, 2007, 90, 817-24.	1.5	7
56	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.	3.4	6
57	Mechanisms of Bacterial Resistance to Microbicides. , 2012, , 108-120.		4
58	Radiation Sterilization. , 0, , 294-305.		4
59	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
60	Factors Affecting the Activities of Microbicides. , 0, , 71-86.		3
61	Gas Plasma Sterilization. , 2012, , 333-342.		3
62	The Need and Methods for Assessing the Activity of Topical Agents against Viruses. , 2002, , .		2
63	Evaluation of Antimicrobial Efficacy. , 2012, , 236-246.		2
64	Hand Hygiene. , 2012, , 418-444.		2
65	“Chemical-free” cleaning”Need for a closer look. Infection Control and Hospital Epidemiology, 2019, 40, 1326-1327.	1.8	2
66	Chemical Disinfection Strategies Against Food-borne Viruses. , 2006, , 265-287.		2
67	Antimicrobial Dressings. , 2012, , 514-519.		1
68	Antimicrobial Textiles and Testing Techniques. , 2012, , 520-529.		1
69	Applications of Bacteriophage Technology. , 2012, , 565-575.		1
70	Fungicidal Activity of Microbicides. , 0, , 142-154.		1
71	Sensitivity and Resistance of Protozoa to Microbicides. , 0, , 155-177.		1
72	Microbicides - The Double-Edged Sword: Environmental Toxicity and Emerging Resistance. , 2012, , 229-235.		1

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73	United States Regulation of Antimicrobial Pesticides. , 0 , 269-276.		1
74	Gaseous Sterilization. , 2012 , 306-332.		1
75	New and Emerging Technologies. , 0 , 371-387.		1
76	Filtration Sterilization. , 2012 , 343-370.		1
77	Complete Genome Sequences of a Diverse Group of 13 Propionibacterium acnes Bacteriophages Isolated from Urban Raw Sewage. Genome Announcements, 2018, 6 ,	0.8	1
78	Using Microbicidal Chemicals to Interrupt the Spread of Foodborne Viruses. , 2016 , 393-419.		1
79	Reducing the health impact of infectious agents: the significance of preventive strategies. GMS Krankenhaushygiene Interdisziplinär, 2007, 2, Doc06.	0.3	1
80	A Simple Slide Holder for immunofluorescent Staining. Biotechnic & Histochemistry, 1975, 50, 58-59.	0.4	0
81	Antimicrobial Devices. , 0 , 500-513.		0
82	Treated Recreational Water Venues. , 0 , 478-484.		0
83	Antimicrobial Surfaces. , 2012 , 485-499.		0
84	Use of Microbicides in Disinfection of Contact Lenses. , 0 , 530-536.		0
85	Special Issues in Dentistry. , 0 , 537-549.		0
86	Natural Products. , 2012 , 550-564.		0
87	Control of Infectious Bioagents. , 2012 , 576-588.		0
88	Biofilm Recalcitrance: Theories and Mechanisms. , 2012 , 87-94.		0
89	Testing of Chemicals as Mycobactericidal Agents. , 0 , 131-141.		0
90	Transmissible Spongiform Encephalopathies and Decontamination. , 2012 , 208-228.		0

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91	Assessing the Efficacy of Professional Healthcare Antiseptics: A Regulatory Perspective. , 0, , 247-254.		0
92	Legislation Affecting Disinfectant Products in Europe: The Biocidal Products Directive and the Registration, Evaluation and Authorization of Chemicals Regulations. , 2012, , 255-261.		0
93	Regulatory Authorization of Hard Surface Disinfectants in Canada. , 0, , 262-268.		0
94	Heat Sterilization. , 0, , 277-293.		0
95	Preservation of Medicines and Cosmetics. , 2012, , 388-407.		0
96	Issues Associated with the Decontamination of Laundry and Clinical Waste. , 2012, , 471-477.		0
97	Sterility Assurance: Concepts, Methods and Problems. , 0, , 408-417.		0
98	Decontamination of the Environment and Medical Equipment in Hospitals. , 0, , 445-458.		0
99	Decontamination of Endoscopes. , 0, , 459-470.		0
100	The pandemic of coronavirus disease 2019 (COVID-19): The good, the bad and the ugly!. Infection Control and Hospital Epidemiology, 2021, , 1-2.	1.8	0