

# Syed A Sattar

## List of Publications by Citations

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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	Institutional outbreaks of rotavirus diarrhoea: potential role of fomites and environmental surfaces as vehicles for virus transmission. <i>The Journal of Hygiene</i> , <b>1986</b> , 96, 277-89		130
101	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> , <b>2006</b> , 34, 251-7	3.8	96
100	Activity of selected oxidizing microbicides against the spores of <i>Clostridium difficile</i> : relevance to environmental control. <i>American Journal of Infection Control</i> , <b>2005</b> , 33, 320-5	3.8	94
99	Activity of an alcohol-based hand gel against human adeno-, rhino-, and rotaviruses using the fingerpad method. <i>Infection Control and Hospital Epidemiology</i> , <b>2000</b> , 21, 516-9	2	92
98	Improved inactivation of nonenveloped enteric viruses and their surrogates by a novel alcohol-based hand sanitizer. <i>Applied and Environmental Microbiology</i> , <b>2008</b> , 74, 5047-52	4.8	87
97	Comparison of cloth, paper, and warm air drying in eliminating viruses and bacteria from washed hands. <i>American Journal of Infection Control</i> , <b>1991</b> , 19, 243-9	3.8	81
96	Chemical disinfection of human rotavirus-contaminated inanimate surfaces. <i>The Journal of Hygiene</i> , <b>1986</b> , 97, 163-73		78
95	Chemical disinfection of human rotaviruses: efficacy of commercially-available products in suspension tests. <i>The Journal of Hygiene</i> , <b>1986</b> , 97, 139-61		71
94	A disc-based quantitative carrier test method to assess the virucidal activity of chemical germicides. <i>Journal of Virological Methods</i> , <b>2003</b> , 112, 3-12	2.6	70
93	Potential Role of Oral Rinses Targeting the Viral Lipid Envelope in SARS-CoV-2 Infection. <i>Function</i> , <b>2020</b> , 1, zqaa002	6.1	66
92	Feasibility of a combined carrier test for disinfectants: studies with a mixture of five types of microorganisms. <i>American Journal of Infection Control</i> , <b>1994</b> , 22, 152-62	3.8	65
91	Generic aspects of the airborne spread of human pathogens indoors and emerging air decontamination technologies. <i>American Journal of Infection Control</i> , <b>2016</b> , 44, S109-20	3.8	65
90	Spread of viral infections by aerosols. <i>Critical Reviews in Environmental Control</i> , <b>1987</b> , 17, 89-131		60
89	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> , <b>2013</b> , 41, S97-104	3.8	59
88	Carrier Tests to Assess Microbicidal Activities of Chemical Disinfectants for Use on Medical Devices and Environmental Surfaces. <i>Journal of AOAC INTERNATIONAL</i> , <b>2005</b> , 88, 182-201	1.7	59
87	Clospore: A Liquid Medium for Producing High Titers of Semi-purified Spores of <i>Clostridium difficile</i> . <i>Journal of AOAC INTERNATIONAL</i> , <b>2011</b> , 94, 618-626	1.7	54
86	Hygienic hand antiseptics: should they not have activity and label claims against viruses?. <i>American Journal of Infection Control</i> , <b>2002</b> , 30, 355-72	3.8	52

85	Promises and pitfalls of recent advances in chemical means of preventing the spread of nosocomial infections by environmental surfaces. <i>American Journal of Infection Control</i> , <b>2010</b> , 38, S34-40	3.8	51
84	Foodborne spread of hepatitis A: Recent studies on virus survival, transfer and inactivation. <i>Canadian Journal of Infectious Diseases &amp; Medical Microbiology</i> , <b>2000</b> , 11, 159-63		49
83	Impact of changing societal trends on the spread of infections in American and Canadian homes. <i>American Journal of Infection Control</i> , <b>1999</b> , 27, S4-21	3.8	49
82	The fingerpad protocol to assess hygienic hand antiseptics against viruses. <i>Journal of Virological Methods</i> , <b>2002</b> , 103, 171-81	2.6	48
81	Long-term survival of human rotavirus in raw and treated river water. <i>Canadian Journal of Microbiology</i> , <b>1985</b> , 31, 124-8	3.2	48
80	Chemical disinfection of virus-contaminated surfaces. <i>Critical Reviews in Environmental Control</i> , <b>1990</b> , 20, 169-229		45
79	In vivo comparison of two human norovirus surrogates for testing ethanol-based handrubs: the mouse chasing the cat!. <i>PLoS ONE</i> , <b>2011</b> , 6, e17340	3.7	39
78	Detection of <i>Cryptosporidium parvum</i> Oocysts on Fresh Produce Using DNA Aptamers. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137455	3.7	39
77	The effect of volatile fatty acids on the inactivation of <i>Clostridium perfringens</i> in anaerobic digestion. <i>World Journal of Microbiology and Biotechnology</i> , <b>2008</b> , 24, 659-665	4.4	38
76	Identification by quantitative carrier test of surrogate spore-forming bacteria to assess sporicidal chemicals for use against <i>Bacillus anthracis</i> . <i>Applied and Environmental Microbiology</i> , <b>2008</b> , 74, 676-81	4.8	35
75	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> , <b>2007</b> , 90, 1655-1658	1.7	29
74	Use of a mixture of surrogates for infectious bioagents in a standard approach to assessing disinfection of environmental surfaces. <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 6020-2	4.8	26
73	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> , <b>1988</b> , 25, 289-96	19.7	25
72	Carrier tests to assess microbicidal activities of chemical disinfectants for use on medical devices and environmental surfaces. <i>Journal of AOAC INTERNATIONAL</i> , <b>2005</b> , 88, 182-201	1.7	25
71	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> , <b>2016</b> , 44, e177-e182	3.8	22
70	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> , <b>2002</b> , 30, 449-57	3.8	17
69	Indoor air as a vehicle for human pathogens: Introduction, objectives, and expectation of outcome. <i>American Journal of Infection Control</i> , <b>2016</b> , 44, S95-S101	3.8	13
68	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> , <b>2007</b> , 90, 1655-8	1.7	13

67	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> , <b>2019</b> , 65, 851-857	3.2	12
66	Enteric Virus Removal from Water by Coal-Based Sorbents: Development of Low-Cost Water Filters. <i>Water Science and Technology</i> , <b>1986</b> , 18, 77-82	2.2	11
65	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> , <b>2016</b> , 2016, 1548326	2.6	11
64	Mathematical modeling and simulation of bacterial distribution in an aerobiology chamber using computational fluid dynamics. <i>American Journal of Infection Control</i> , <b>2016</b> , 44, S127-37	3.8	11
63	Airborne Pathogens inside Automobiles for Domestic Use: Assessing In-Car Air Decontamination Devices Using Staphylococcus aureus as the Challenge Bacterium. <i>Applied and Environmental Microbiology</i> , <b>2017</b> , 83,	4.8	10
62	Combating SARS-CoV-2: leveraging microbicidal experiences with other emerging/re-emerging viruses. <i>PeerJ</i> , <b>2020</b> , 8, e9914	3.1	10
61	Cryptosporidium parvum oocyst directed assembly of gold nanoparticles and graphene oxide. <i>Frontiers of Chemical Science and Engineering</i> , <b>2019</b> , 13, 608-615	4.5	9
60	Application of a Quantitative Carrier Test to Evaluate Microbicides against Mycobacteria. <i>Journal of AOAC INTERNATIONAL</i> , <b>2007</b> , 90, 817-824	1.7	8
59	Mechanisms of Action of Microbicides <b>2012</b> , 95-107		7
58	Virucidal Activity of Microbicides <b>2012</b> , 178-207		6
57	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> , <b>2006</b> , 27, 1193-9	2	6
56	Application of a quantitative carrier test to evaluate microbicides against mycobacteria. <i>Journal of AOAC INTERNATIONAL</i> , <b>2007</b> , 90, 817-24	1.7	6
55	Types of Microbicidal and Microbistatic Agents <b>2012</b> , 5-70		5
54	Effects of Environmental Chemicals and the Host-Pathogen Relationship: Are There Any Negative Consequences for Human Health?. <i>ACS Symposium Series</i> , <b>2007</b> , 2-30	0.4	5
53	A review of Cryptosporidium spp. and their detection in water. <i>Water Science and Technology</i> , <b>2021</b> , 83, 1-25	2.2	5
52	Analysis of an indoor air decontamination device inside an aerobiology chamber: a numerical-experimental study. <i>Air Quality, Atmosphere and Health</i> , <b>2020</b> , 13, 281-288	5.6	5
51	Highly sensitive magnetic-microparticle-based aptasensor for Cryptosporidium parvum oocyst detection in river water and wastewater: Effect of truncation on aptamer affinity. <i>Talanta</i> , <b>2021</b> , 222, 121618	6.2	5
50	Resistance of Bacterial Spores to Chemical Agents <b>2012</b> , 121-130		4

49	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> , <b>2021</b> ,	4-7	4
48	Mechanisms of Bacterial Resistance to Microbicides <b>2012</b> , 108-120		3
47	Radiation Sterilization <b>2012</b> , 294-305		3
46	The Influence of Temperature on Norovirus Inactivation by Monochloramine in Potable Waters: Testing with Murine Norovirus as a Surrogate for Human Norovirus. <i>Food and Environmental Virology</i> , <b>2010</b> , 2, 97-100	4	3
45	Hazard inherent in microbial tracers: reduction of risk by the use of <i>Bacillus stearothermophilus</i> spores in aerobiology. <i>Applied Microbiology</i> , <b>1972</b> , 23, 1053-9		3
44	The Need and Methods for Assessing the Activity of Topical Agents against Viruses <b>2002</b> ,		2
43	Quantifying pathogen infection risks from household laundry practices. <i>Journal of Applied Microbiology</i> , <b>2021</b> ,	4-7	2
42	Chemical Disinfection Strategies Against Food-borne Viruses <b>2006</b> , 265-287		2
41	Methods to Evaluate the Antimicrobial Efficacy of Hand Hygiene Agents <b>2017</b> , 58-69		1
40	Chemical-free cleaning-Need for a closer look. <i>Infection Control and Hospital Epidemiology</i> , <b>2019</b> , 40, 1326-1327	2	1
39	Complete Genome Sequences of a Diverse Group of 13 <i>Propionibacterium acnes</i> Bacteriophages Isolated from Urban Raw Sewage. <i>Genome Announcements</i> , <b>2018</b> , 6,		1
38	Antimicrobial Dressings <b>2012</b> , 514-519		1
37	Antimicrobial Textiles and Testing Techniques <b>2012</b> , 520-529		1
36	Applications of Bacteriophage Technology <b>2012</b> , 565-575		1
35	Factors Affecting the Activities of Microbicides <b>2012</b> , 71-86		1
34	Fungicidal Activity of Microbicides <b>2012</b> , 142-154		1
33	Sensitivity and Resistance of Protozoa to Microbicides <b>2012</b> , 155-177		1
32	Microbicides – The Double-Edged Sword: Environmental Toxicity and Emerging Resistance <b>2012</b> , 229-235		1

31	Evaluation of Antimicrobial Efficacy <b>2012</b> , 236-246	1
30	United States Regulation of Antimicrobial Pesticides <b>2012</b> , 269-276	1
29	Gaseous Sterilization <b>2012</b> , 306-332	1
28	New and Emerging Technologies <b>2012</b> , 371-387	1
27	Filtration Sterilization <b>2012</b> , 343-370	1
26	Gas Plasma Sterilization <b>2012</b> , 333-342	1
25	Reducing the health impact of infectious agents: the significance of preventive strategies. <i>GMS Krankenhaushygiene Interdisziplinär</i> , <b>2007</b> , 2, Doc06	1
24	Using Microbicidal Chemicals to Interrupt the Spread of Foodborne Viruses <b>2016</b> , 393-419	1
23	Handborne Spread of Noroviruses and its Interruption <b>2017</b> , 385-390	
22	Antimicrobial Devices <b>2012</b> , 500-513	
21	Treated Recreational Water Venues <b>2012</b> , 478-484	
20	Antimicrobial Surfaces <b>2012</b> , 485-499	
19	Use of Microbicides in Disinfection of Contact Lenses <b>2012</b> , 530-536	
18	Special Issues in Dentistry <b>2012</b> , 537-549	
17	Natural Products <b>2012</b> , 550-564	
16	Control of Infectious Bioagents <b>2012</b> , 576-588	
15	Biofilm Recalcitrance: Theories and Mechanisms <b>2012</b> , 87-94	
14	Testing of Chemicals as Mycobactericidal Agents <b>2012</b> , 131-141	

- 13 Transmissible Spongiform Encephalopathies and Decontamination **2012**, 208-228
- 12 Assessing the Efficacy of Professional Healthcare Antiseptics: A Regulatory Perspective **2012**, 247-254
- 11 Legislation Affecting Disinfectant Products in Europe: The Biocidal Products Directive and the Registration, Evaluation and Authorization of Chemicals Regulations **2012**, 255-261
- 10 Regulatory Authorization of Hard Surface Disinfectants in Canada **2012**, 262-268
- 9 Heat Sterilization **2012**, 277-293
- 8 Preservation of Medicines and Cosmetics **2012**, 388-407
- 7 Issues Associated with the Decontamination of Laundry and Clinical Waste **2012**, 471-477
- 6 Sterility Assurance: Concepts, Methods and Problems **2012**, 408-417
- 5 Hand Hygiene **2012**, 418-444
- 4 Decontamination of the Environment and Medical Equipment in Hospitals **2012**, 445-458
- 3 Decontamination of Endoscopes **2012**, 459-470
- 2 A simple slide holder for immunofluorescent staining. *Biotechnic & Histochemistry*, **1975**, 50, 58-9
- 1 The pandemic of coronavirus disease 2019 (COVID-19): The good, the bad and the ugly!. *Infection Control and Hospital Epidemiology*, **2021**, 1-2 2