

James W Arbogast

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.

38
papers

2,478
citations

15
h-index

42
g-index

42
ext. papers

2,686
ext. citations

3.7
avg, IF

4.62
L-index

#	Paper	IF	Citations
38	Photophysical properties of sixty atom carbon molecule (C60). <i>The Journal of Physical Chemistry</i> , 1991 , 95, 11-12		1062
37	Photophysical properties of C70. <i>Journal of the American Chemical Society</i> , 1991 , 113, 8886-8889	16.4	397
36	Electron transfer to triplet fullerene C60. <i>Journal of the American Chemical Society</i> , 1992 , 114, 2277-2279	16.4	377
35	Improved inactivation of nonenveloped enteric viruses and their surrogates by a novel alcohol-based hand sanitizer. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 5047-52	4.8	87
34	Efficacy of commonly used disinfectants for inactivation of human noroviruses and their surrogates. <i>Journal of Food Protection</i> , 2013 , 76, 1210-7	2.5	83
33	Effectiveness of hand hygiene for removal of Clostridium difficile spores from hands. <i>Infection Control and Hospital Epidemiology</i> , 2013 , 34, 302-5	2	52
32	The impact of COVID-19 pandemic on hand hygiene performance in hospitals. <i>American Journal of Infection Control</i> , 2021 , 49, 30-33	3.8	49
31	Comparative efficacy of commercially available alcohol-based hand rubs and World Health Organization-recommended hand rubs: formulation matters. <i>American Journal of Infection Control</i> , 2012 , 40, 521-5	3.8	40
30	Bacterial hand contamination and transfer after use of contaminated bulk-soap-refillable dispensers. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 2898-904	4.8	38
29	Laboratory evidence of norwalk virus contamination on the hands of infected individuals. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 7875-81	4.8	33
28	The relative influences of product volume, delivery format and alcohol concentration on dry-time and efficacy of alcohol-based hand rubs. <i>BMC Infectious Diseases</i> , 2014 , 14, 511	4	28
27	Alcohol-based instant hand sanitizer use in military settings: a prospective cohort study of Army basic trainees. <i>Military Medicine</i> , 2007 , 172, 1170-6	1.3	27
26	Effectiveness of a hand care regimen with moisturizer in manufacturing facilities where workers are prone to occupational irritant dermatitis. <i>Dermatitis</i> , 2004 , 15, 10-7	2.6	25
25	Singlet oxygen generation by triplet charge-transfer complexes. <i>The Journal of Physical Chemistry</i> , 1991 , 95, 7308-7312		23
24	Impact of a Comprehensive Workplace Hand Hygiene Program on Employer Health Care Insurance Claims and Costs, Absenteeism, and Employee Perceptions and Practices. <i>Journal of Occupational and Environmental Medicine</i> , 2016 , 58, e231-40	2	16
23	Impact of an automated hand hygiene monitoring system and additional promotional activities on hand hygiene performance rates and healthcare-associated infections. <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 741-747	2	15
22	Ability of Hand Hygiene Interventions Using Alcohol-Based Hand Sanitizers and Soap To Reduce Microbial Load on Farmworker Hands Soiled during Harvest. <i>Journal of Food Protection</i> , 2015 , 78, 2024-32	2.5	15

21	Quest for a realistic in vivo test method for antimicrobial hand-rub agents: introduction of a low-volume hand contamination procedure. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 8588-94	4.8	14
20	Efficacy of novel alcohol-based hand rub products at typical in-use volumes. <i>Infection Control and Hospital Epidemiology</i> , 2013 , 34, 299-301	2	13
19	Challenges encountered and lessons learned during a trial of an electronic hand hygiene monitoring system. <i>American Journal of Infection Control</i> , 2019 , 47, 1443-1448	3.8	11
18	Comparison of the Activity of Alcohol-Based Handrubs Against Human Noroviruses Using the Fingerprint Method and Quantitative Real-Time PCR.. <i>Food and Environmental Virology</i> , 2011 , 3, 35-42	4	11
17	SaniTwice: a novel approach to hand hygiene for reducing bacterial contamination on hands when soap and water are unavailable. <i>Journal of Food Protection</i> , 2010 , 73, 2296-300	2.5	11
16	Quantifying the Effects of Water Temperature, Soap Volume, Lather Time, and Antimicrobial Soap as Variables in the Removal of Escherichia coli ATCC 11229 from Hands. <i>Journal of Food Protection</i> , 2017 , 80, 1022-1031	2.5	10
15	Frequency of Use of Alcohol-Based Hand Rubs by Nurses: A Systematic Review. <i>Infection Control and Hospital Epidemiology</i> , 2017 , 38, 189-195	2	8
14	Infection Risk Reduction Program on Pathogens in High School and Collegiate Athletic Training Rooms. <i>Sports Health</i> , 2020 , 12, 51-57	4.7	7
13	Nursing preference for alcohol-based hand rub volume. <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 1248-1252	2	4
12	Influence of Soap Characteristics and Food Service Facility Type on the Degree of Bacterial Contamination of Open, Refillable Bulk Soaps. <i>Journal of Food Protection</i> , 2018 , 81, 218-225	2.5	4
11	Electronic recognition of hand hygiene technique and duration. <i>Infection Control and Hospital Epidemiology</i> , 2014 , 35, 1298-300	2	4
10	Who goes in and out of patient rooms? An observational study of room entries and exits in the acute care setting. <i>American Journal of Infection Control</i> , 2019 , 47, 585-587	3.8	4
9	Pilot study of digital tools to support multimodal hand hygiene in a clinical setting. <i>American Journal of Infection Control</i> , 2018 , 46, 261-265	3.8	4
8	Effect of alcohol-based hand rub on hand microbiome and hand skin health in hospitalized adult stem cell transplant patients: A pilot study. <i>Journal of the American Academy of Dermatology</i> , 2018 , 78, 1218-1221.e5	4.5	3
7	Randomized controlled trial evaluating the antimicrobial efficacy of chlorhexidine gluconate and para-chloro-meta-xyleneol handwash formulations in real-world doses. <i>American Journal of Infection Control</i> , 2019 , 47, 726-728	3.8	2
6	Presence of unsafe chemical impurities, accelerated evaporation of alcohol, and lack of key labeling requirements are risks and concerns for some alcohol-based hand sanitizers and dispenser practices during the COVID-19 pandemic.. <i>PLoS ONE</i> , 2022 , 17, e0265519	3.7	0
5	Letter in response to "Revisiting the hand wipe versus gel rub debate: is a higher ethanol content hand wipe more effective than an ethanol gel rub?". <i>American Journal of Infection Control</i> , 2011 , 39, 260-1; author reply 261-2	3.8	
4	Hand Hygiene in the Era of Big Data: We Can Now See What We Have Been Missing. <i>Infection Control and Hospital Epidemiology</i> , 2020 , 41, s445-s446	2	

- 3 The Effect of Automated Hand Hygiene Monitoring Systems and Other Complementary Behavior-Change Strategies on Performance. *Infection Control and Hospital Epidemiology*, **2020**, 41, s451²s452
- 2 Automated hand hygiene monitoring system validation: Importance evidence overlooked. *American Journal of Infection Control*, **2021**, 49, 855-856 3.8
- 1 Comparative Assessment of the Efficacy of Commercial Hand Sanitizers Against Human Norovirus Evaluated by an Fingerpad Method.. *Frontiers in Microbiology*, **2022**, 13, 869087 5.7