Jason L Cantera

List of Publications by Year
in descending order

20	778	759233 12	752698 20
papers	citations	h-index	g-index

23	23	23	1256
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Automated liquid handling robot for rapid lateral flow assay development. Analytical and Bioanalytical Chemistry, 2022, 414, 2607-2618.	3.7	9
2	Screening Antibodies Raised against the Spike Glycoprotein of SARS-CoV-2 to Support the Development of Rapid Antigen Assays. ACS Omega, 2021, 6, 20139-20148.	3.5	8
3	Sensitive and semiquantitative detection of soil-transmitted helminth infection in stoolÂusing a recombinase polymerase amplification-based assay. PLoS Neglected Tropical Diseases, 2021, 15, e0009782.	3.0	3
4	Validation of the Micronutrient and Environmental Enteric Dysfunction Assessment Tool and evaluation of biomarker risk factors for growth faltering and vaccine failure in young Malian children. PLoS Neglected Tropical Diseases, 2020, 14, e0008711.	3.0	14
5	First international external quality assessment scheme of nucleic acid amplification tests for the detection of SchistosomaÂand soil-transmitted helminths, including Strongyloides: A pilot study. PLoS Neglected Tropical Diseases, 2020, 14, e0008231.	3.0	35
6	Formative research to inform development of a new diagnostic for soil-transmitted helminths: Going beyond the laboratory to ensure access to a needed product. PLoS Neglected Tropical Diseases, 2019, 13, e0007372.	3.0	6
7	Assessment of eight nucleic acid amplification technologies for potential use to detect infectious agents in low-resource settings. PLoS ONE, 2019, 14, e0215756.	2.5	26
8	Performance and workflow assessment of six nucleic acid extraction technologies for use in resource limited settings. PLoS ONE, 2019, 14, e0215753.	2.5	10
9	Diagnostic Tests to Support Late-Stage Control Programs for Schistosomiasis and Soil-Transmitted Helminthiases. PLoS Neglected Tropical Diseases, 2016, 10, e0004985.	3.0	34
10	Cross-subtype detection of HIV-1 using reverse transcription and recombinase polymerase amplification. Journal of Virological Methods, 2016, 230, 28-35.	2.1	36
11	Factors influencing Recombinase polymerase amplification (RPA) assay outcomes at point of care. Molecular and Cellular Probes, 2016, 30, 74-78.	2.1	148
12	Non-Instrumented Incubation of a Recombinase Polymerase Amplification Assay for the Rapid and Sensitive Detection of Proviral HIV-1 DNA. PLoS ONE, 2014, 9, e108189.	2.5	124
13	A fluorescence resonance energy transfer-based fluorometer assay for screening anti-coxsackievirus B3 compounds. Journal of Virological Methods, 2011, 171, 176-182.	2.1	2
14	Microbial community of a volcanic mudspring in the Philippines as revealed by 16S rDNA sequence analysis and fluorescence in situ hybridization. World Journal of Microbiology and Biotechnology, 2011, 27, 859-867.	3.6	7
15	Detection of Infective Poliovirus by a Simple, Rapid, and Sensitive Flow Cytometry Method Based on Fluorescence Resonance Energy Transfer Technology. Applied and Environmental Microbiology, 2010, 76, 584-588.	3.1	19
16	Molecular diversity of nitrite reductase genes (nirK) in nitrifying bacteria. Environmental Microbiology, 2007, 9, 765-776.	3.8	122
17	Role of nitrite reductase in the ammonia-oxidizing pathway of Nitrosomonas europaea. Archives of Microbiology, 2007, 188, 349-354.	2.2	75
18	Effects of irrigation sources on ammonia-oxidizing bacterial communities in a managed turf-covered aridisol. Biology and Fertility of Soils, 2006, 43, 247-255.	4.3	19

#	Article	IF	Citations
19	Activity of Nitrifying Biofilms Constructed on Low-Density Polyester Enhances Bioremediation of a Coastal Wastewater Effluent. World Journal of Microbiology and Biotechnology, 2005, 21, 1371-1377.	3.6	8
20	Autotrophic Ammonia-Oxidizing Bacteria Contribute Minimally to Nitrification in a Nitrogen-Impacted Forested Ecosystem. Applied and Environmental Microbiology, 2005, 71, 197-206.	3.1	69