

Jason L Cantera

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

778
citations

759233

12
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

1256
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors influencing Recombinase polymerase amplification (RPA) assay outcomes at point of care. <i>Molecular and Cellular Probes</i> , 2016, 30, 74-78.	2.1	148
2	Non-Instrumented Incubation of a Recombinase Polymerase Amplification Assay for the Rapid and Sensitive Detection of Proviral HIV-1 DNA. <i>PLoS ONE</i> , 2014, 9, e108189.	2.5	124
3	Molecular diversity of nitrite reductase genes (<i>nirK</i>) in nitrifying bacteria. <i>Environmental Microbiology</i> , 2007, 9, 765-776.	3.8	122
4	Role of nitrite reductase in the ammonia-oxidizing pathway of <i>Nitrosomonas europaea</i> . <i>Archives of Microbiology</i> , 2007, 188, 349-354.	2.2	75
5	Autotrophic Ammonia-Oxidizing Bacteria Contribute Minimally to Nitrification in a Nitrogen-Impacted Forested Ecosystem. <i>Applied and Environmental Microbiology</i> , 2005, 71, 197-206.	3.1	69
6	Cross-subtype detection of HIV-1 using reverse transcription and recombinase polymerase amplification. <i>Journal of Virological Methods</i> , 2016, 230, 28-35.	2.1	36
7	First international external quality assessment scheme of nucleic acid amplification tests for the detection of <i>Schistosoma</i> and soil-transmitted helminths, including <i>Strongyloides</i> : A pilot study. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008231.	3.0	35
8	Diagnostic Tests to Support Late-Stage Control Programs for Schistosomiasis and Soil-Transmitted Helminthiases. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004985.	3.0	34
9	Assessment of eight nucleic acid amplification technologies for potential use to detect infectious agents in low-resource settings. <i>PLoS ONE</i> , 2019, 14, e0215756.	2.5	26
10	Effects of irrigation sources on ammonia-oxidizing bacterial communities in a managed turf-covered aridisol. <i>Biology and Fertility of Soils</i> , 2006, 43, 247-255.	4.3	19
11	Detection of Infective Poliovirus by a Simple, Rapid, and Sensitive Flow Cytometry Method Based on Fluorescence Resonance Energy Transfer Technology. <i>Applied and Environmental Microbiology</i> , 2010, 76, 584-588.	3.1	19
12	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. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008711.	3.0	14
13	Performance and workflow assessment of six nucleic acid extraction technologies for use in resource limited settings. <i>PLoS ONE</i> , 2019, 14, e0215753.	2.5	10
14	Automated liquid handling robot for rapid lateral flow assay development. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 2607-2618.	3.7	9
15	Activity of Nitrifying Biofilms Constructed on Low-Density Polyester Enhances Bioremediation of a Coastal Wastewater Effluent. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 1371-1377.	3.6	8
16	Screening Antibodies Raised against the Spike Glycoprotein of SARS-CoV-2 to Support the Development of Rapid Antigen Assays. <i>ACS Omega</i> , 2021, 6, 20139-20148.	3.5	8
17	Microbial community of a volcanic mudspring in the Philippines as revealed by 16S rDNA sequence analysis and fluorescence in situ hybridization. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 859-867.	3.6	7
18	Formative research to inform development of a new diagnostic for soil-transmitted helminths: Going beyond the laboratory to ensure access to a needed product. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007372.	3.0	6

#	ARTICLE	IF	CITATIONS
19	Sensitive and semiquantitative detection of soil-transmitted helminth infection in stool using a recombinase polymerase amplification-based assay. PLoS Neglected Tropical Diseases, 2021, 15, e0009782.	3.0	3
20	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