

Soumitesh Chakravorty

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,048
citations

623734

14
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

3591
citing authors

#	ARTICLE	IF	CITATIONS
1	A detailed analysis of 16S ribosomal RNA gene segments for the diagnosis of pathogenic bacteria. <i>Journal of Microbiological Methods</i> , 2007, 69, 330-339.	1.6	876
2	The New Xpert MTB/RIF Ultra: Improving Detection of <i>Mycobacterium tuberculosis</i> and Resistance to Rifampin in an Assay Suitable for Point-of-Care Testing. <i>MBio</i> , 2017, 8, .	4.1	431
3	Multicenter Evaluation of the Cepheid Xpert Xpress SARS-CoV-2 Test. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	146
4	Evaluation of a Rapid Molecular Drug-Susceptibility Test for Tuberculosis. <i>New England Journal of Medicine</i> , 2017, 377, 1043-1054.	27.0	129
5	Rapid Universal Identification of Bacterial Pathogens from Clinical Cultures by Using a Novel Sloppy Molecular Beacon Melting Temperature Signature Technique. <i>Journal of Clinical Microbiology</i> , 2010, 48, 258-267.	3.9	48
6	Rapid Detection of Fluoroquinolone-Resistant and Heteroresistant <i>Mycobacterium tuberculosis</i> by Use of Sloppy Molecular Beacons and Dual Melting-Temperature Codes in a Real-Time PCR Assay. <i>Journal of Clinical Microbiology</i> , 2011, 49, 932-940.	3.9	48
7	A Simple Reverse Transcriptase PCR Melting-Temperature Assay To Rapidly Screen for Widely Circulating SARS-CoV-2 Variants. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0084521.	3.9	48
8	Detection of Isoniazid-, Fluoroquinolone-, Amikacin-, and Kanamycin-Resistant Tuberculosis in an Automated, Multiplexed 10-Color Assay Suitable for Point-of-Care Use. <i>Journal of Clinical Microbiology</i> , 2017, 55, 183-198.	3.9	47
9	Xpert MTB/XDR: a 10-Color Reflex Assay Suitable for Point-of-Care Settings To Detect Isoniazid, Fluoroquinolone, and Second-Line-Injectable-Drug Resistance Directly from <i>Mycobacterium tuberculosis</i> -Positive Sputum. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	3.9	43
10	Rapid, High-Throughput Detection of Rifampin Resistance and Heteroresistance in <i>Mycobacterium tuberculosis</i> by Use of Sloppy Molecular Beacon Melting Temperature Coding. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2194-2202.	3.9	38
11	Importance of Cough and <i>M. tuberculosis</i> Strain Type as Risks for Increased Transmission within Households. <i>PLoS ONE</i> , 2014, 9, e100984.	2.5	32
12	Genotypic Susceptibility Testing of <i>Mycobacterium tuberculosis</i> Isolates for Amikacin and Kanamycin Resistance by Use of a Rapid Sloppy Molecular Beacon-Based Assay Identifies More Cases of Low-Level Drug Resistance than Phenotypic Lowenstein-Jensen Testing. <i>Journal of Clinical Microbiology</i> , 2015, 53, 43-51.	3.9	32
13	Rifampin Resistance, Beijing-W Clade-Single Nucleotide Polymorphism Cluster Group 2 Phylogeny, and the Rv2629 191-C Allele in <i>Mycobacterium tuberculosis</i> Strains. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2555-2560.	3.9	23
14	Automatic Identification of Individual <i>rpoB</i> Gene Mutations Responsible for Rifampin Resistance in <i>Mycobacterium tuberculosis</i> by Use of Melting Temperature Signatures Generated by the Xpert MTB/RIF Ultra Assay. <i>Journal of Clinical Microbiology</i> , 2019, 58, .	3.9	18
15	Comparative Evaluation of Sloppy Molecular Beacon and Dual-Labeled Probe Melting Temperature Assays to Identify Mutations in <i>Mycobacterium tuberculosis</i> Resulting in Rifampin, Fluoroquinolone and Aminoglycoside Resistance. <i>PLoS ONE</i> , 2015, 10, e0126257.	2.5	12
16	Inactivation of SARS-CoV-2 virus in saliva using a guanidium based transport medium suitable for RT-PCR diagnostic assays. <i>PLoS ONE</i> , 2021, 16, e0252687.	2.5	11
17	Sensitive Detection of <i>Francisella tularensis</i> Directly from Whole Blood by Use of the GeneXpert System. <i>Journal of Clinical Microbiology</i> , 2017, 55, 291-301.	3.9	10
18	Detection of drug resistant <i>Mycobacterium tuberculosis</i> by high-throughput sequencing of DNA isolated from acid fast bacilli smears. <i>PLoS ONE</i> , 2020, 15, e0232343.	2.5	7

#	ARTICLE	IF	CITATIONS
19	Tuberculosis Diagnostics in the New Millennium: Role in TB Identification and Control. Tuberculosis Research and Treatment, 2012, 2012, 1-2.	0.6	6
20	Molecular Drug-Susceptibility Test for Tuberculosis. New England Journal of Medicine, 2017, 377, 2403-2404.	27.0	6
21	A snapshot of the predominant single nucleotide polymorphism cluster groups of Mycobacterium tuberculosis clinical isolates in Delhi, India. Tuberculosis, 2016, 100, 72-81.	1.9	5
22	Sample collection and transport strategies to enhance yield, accessibility, and biosafety of COVID-19 RT-PCR testing. Journal of Medical Microbiology, 2021, 70, .	1.8	3