

Sumit Kalsi

List of Publications by Year in descending order

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9
papers

316
citations

1307594

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1474206

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9
docs citations

9
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a rapid phenotypic test on a microfluidic device for carbapenemase detection using the chromogenic compound nitrocefin. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 96, 114926.	1.8	2
2	Sample pre-concentration on a digital microfluidic platform for rapid AMR detection in urine. <i>Lab on A Chip</i> , 2019, 19, 168-177.	6.0	23
3	Fast and sensitive isothermal DNA assay using microbeads; dielectrophoresis for detection of anti-microbial resistance genes. <i>Biosensors and Bioelectronics</i> , 2018, 117, 583-589.	10.1	20
4	Ultra-fast electronic detection of antimicrobial resistance genes using isothermal amplification and Thin Film Transistor sensors. <i>Biosensors and Bioelectronics</i> , 2017, 96, 281-287.	10.1	51
5	A Programmable Digital Microfluidic Assay for the Simultaneous Detection of Multiple Anti-Microbial Resistance Genes. <i>Micromachines</i> , 2017, 8, 111.	2.9	37
6	Simple and rapid sample preparation system for the molecular detection of antibiotic resistant pathogens in human urine. <i>Biomedical Microdevices</i> , 2016, 18, 18.	2.8	24
7	Rapid and sensitive detection of antibiotic resistance on a programmable digital microfluidic platform. <i>Lab on A Chip</i> , 2015, 15, 3065-3075.	6.0	124
8	Integrated waveguide and nanostructured sensor platform for surface-enhanced Raman spectroscopy. <i>Journal of Nanophotonics</i> , 2014, 8, 083989.	1.0	1
9	Shaped Apertures in Photoresist Films Enhance the Lifetime and Mechanical Stability of Suspended Lipid Bilayers. <i>Biophysical Journal</i> , 2014, 106, 1650-1659.	0.5	34