

Eric Peng Huat Yap

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

558
citations

840119

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996533

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18
all docs

18
docs citations

18
times ranked

749
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanometer-precision linear sorting with synchronized optofluidic dual barriers. <i>Science Advances</i> , 2018, 4, eaao0773.	4.7	161
2	Rapid Direct Nucleic Acid Amplification Test without RNA Extraction for SARS-CoV-2 Using a Portable PCR Thermocycler. <i>Genes</i> , 2020, 11, 664.	1.0	72
3	Effects of age, sex, serostatus, and underlying comorbidities on humoral response post-SARS-CoV-2 Pfizer-BioNTech mRNA vaccination: a systematic review. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2022, 59, 373-390.	2.7	64
4	Nanophotonic Array-Induced Dynamic Behavior for Label-Free Shape-Selective Bacteria Sieving. <i>ACS Nano</i> , 2019, 13, 12070-12080.	7.3	48
5	Optical Potential-Well Array for High-Selectivity, Massive Trapping and Sorting at Nanoscale. <i>Nano Letters</i> , 2020, 20, 5193-5200.	4.5	47
6	On-Chip Optical Detection of Viruses: A Review. <i>Advanced Photonics Research</i> , 2021, 2, 2000150.	1.7	27
7	Multifunctional Virus Manipulation with Large-Scale Arrays of All-Dielectric Resonant Nanocavities. <i>Laser and Photonics Reviews</i> , 2022, 16, .	4.4	23
8	Trapping and Detection of Single Viruses in an Optofluidic Chip. <i>ACS Sensors</i> , 2021, 6, 3445-3450.	4.0	18
9	Massive nanophotonic trapping and alignment of rod-shaped bacteria for parallel single-cell studies. <i>Sensors and Actuators B: Chemical</i> , 2020, 306, 127562.	4.0	17
10	A Brugada syndrome proband with compound heterozygote <i>SCN5A</i> mutations identified from a Chinese family in Singapore. <i>Europace</i> , 2016, 18, 897-904.	0.7	16
11	Optofluidic Microengine in A Dynamic Flow Environment via Self-Induced Back-Action. <i>ACS Photonics</i> , 2020, 7, 1500-1507.	3.2	12
12	Biotoxoid Photonic Sensors with Temperature Insensitivity Using a Cascade of Ring Resonator and Mach-Zehnder Interferometer. <i>ACS Sensors</i> , 2020, 5, 2448-2456.	4.0	9
13	Evaluation of a smartphone camera system to enable visualization and image transmission to aid tracheal intubation with the Airtraq® laryngoscope. <i>Journal of Anesthesia</i> , 2016, 30, 514-517.	0.7	6
14	GALAXY Workflow for Bacterial Next-Generation Sequencing De Novo Assembly and Annotation. <i>Current Protocols</i> , 2021, 1, e242.	1.3	6
15	A novel three base-pair deletion in domain two of the cardiac sodium channel causes Brugada syndrome. <i>Journal of Electrocardiology</i> , 2018, 51, 667-673.	0.4	1
16	Draft Genome Sequence of <i>Enterobacter hormaechei</i> subsp. <i>steigerwaltii</i> Strain BEI01. <i>Microbiology Resource Announcements</i> , 2021, 10, e0040621.	0.3	1