

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

11
h-index

996533

15
g-index

18
all docs

18
docs citations

18
times ranked

749
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | Multifunctional Virus Manipulation with Large-Scale Arrays of All-Dielectric Resonant Nanocavities. <i>Laser and Photonics Reviews</i> , 2022, 16, . | 4.4 | 23 |
| 3 | On-Chip Optical Detection of Viruses: A Review. <i>Advanced Photonics Research</i> , 2021, 2, 2000150. | 1.7 | 27 |
| 4 | 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 |
| 5 | GALAXY Workflow for Bacterial Next-Generation Sequencing De Novo Assembly and Annotation. <i>Current Protocols</i> , 2021, 1, e242. | 1.3 | 6 |
| 6 | Trapping and Detection of Single Viruses in an Optofluidic Chip. <i>ACS Sensors</i> , 2021, 6, 3445-3450. | 4.0 | 18 |
| 7 | 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 |
| 8 | 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 |
| 9 | Optofluidic Microengine in A Dynamic Flow Environment via Self-Induced Back-Action. <i>ACS Photonics</i> , 2020, 7, 1500-1507. | 3.2 | 12 |
| 10 | 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 |
| 11 | Optical Potential-Well Array for High-Selectivity, Massive Trapping and Sorting at Nanoscale. <i>Nano Letters</i> , 2020, 20, 5193-5200. | 4.5 | 47 |
| 12 | Nanophotonic Array-Induced Dynamic Behavior for Label-Free Shape-Selective Bacteria Sieving. <i>ACS Nano</i> , 2019, 13, 12070-12080. | 7.3 | 48 |
| 13 | Nanometer-precision linear sorting with synchronized optofluidic dual barriers. <i>Science Advances</i> , 2018, 4, eaao0773. | 4.7 | 161 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |