

Gopikrishnan Gopalakrishnan Meena

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5265365/publications.pdf>

Version: 2024-02-01

13
papers

158
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	Optofluidic multiplex detection of single SARS-CoV-2 and influenza A antigens using a novel bright fluorescent probe assay. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	30
2	Optofluidic detection of Zika nucleic acid and protein biomarkers using multimode interference multiplexing. Biomedical Optics Express, 2018, 9, 3725.	2.9	26
3	Integration of sample preparation and analysis into an optofluidic chip for multi-target disease detection. Lab on A Chip, 2018, 18, 3678-3686.	6.0	24
4	3Å– multiplexed detection of antibiotic resistant plasmids with single molecule sensitivity. Lab on A Chip, 2020, 20, 3763-3771.	6.0	15
5	Optofluidic Lab-on-a-Chip Fluorescence Sensor Using Integrated Buried ARROW (bARROW) Waveguides. Micromachines, 2017, 8, 252.	2.9	13
6	7X multiplexed, optofluidic detection of nucleic acids for antibiotic-resistance bacterial screening. Optics Express, 2020, 28, 33019.	3.4	13
7	Fast custom wavelet analysis technique for single molecule detection and identification. Nature Communications, 2022, 13, 1035.	12.8	13
8	Ultrasensitive detection of SARS-CoV-2 RNA and antigen using single-molecule optofluidic chip. APL Photonics, 2021, 6, .	5.7	11
9	Optofluidic Amplification-Free Multiplex Detection of Viral Hemorrhagic Fevers. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-6.	2.9	5
10	Optofluidic Flow-Through Biosensor Sensitivity “ Model and Experiment. Journal of Lightwave Technology, 2021, 39, 3330-3340.	4.6	3
11	Greatly Enhanced Single Particle Fluorescence Detection Using High Refractive Index Liquid-Core Waveguides. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-7.	2.9	3
12	Buried Rib SiO ₂ Multimode Interference Waveguides for Optofluidic Multiplexing. IEEE Photonics Technology Letters, 2018, 30, 1487-1490.	2.5	2
13	Multimode Interference Waveguide-Based 7Å– Multiplexed Detection of Nucleic Acids for Antibiotic-Resistant Bacterial Screening. , 2018, , .		0