

Jin Xiangyu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Rapid, Highly Sensitive, and Label-Free Pathogen Assay System Using a Solid-Phase Self-Interference Recombinase Polymerase Amplification Chip and Hyperspectral Interferometry. <i>Analytical Chemistry</i> , 2022, 94, 2926-2933.	6.5	7
2	A nature-inspired hierarchical branching structure pressure sensor with high sensitivity and wide dynamic range for versatile medical wearables. <i>Biosensors and Bioelectronics</i> , 2022, 203, 114028.	10.1	10
3	Single cell capture, isolation, and long-term in situ imaging using quantitative self-interference spectroscopy. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021, 99, 601-609.	1.5	8
4	Label-Free and Quantitative Dry Mass Monitoring for Single Cells during In Situ Culture. <i>Cells</i> , 2021, 10, 1635.	4.1	4
5	Microfluidic Biosensor for Rapid Nucleic Acid Quantitation Based on Hyperspectral Interferometric Amplicon-Complex Analysis. <i>ACS Sensors</i> , 2021, 6, 4057-4066.	7.8	10
6	Deep Learning Algorithm for Automated Detection of Polycystic Ovary Syndrome Using Scleral Images. <i>Frontiers in Endocrinology</i> , 2021, 12, 789878.	3.5	16
7	Microfluidic Chip with Two-Stage Isothermal Amplification Method for Highly Sensitive Parallel Detection of SARS-CoV-2 and Measles Virus. <i>Micromachines</i> , 2021, 12, 1582.	2.9	16
8	Biomimetic Upconversion Nanoparticles and Gold Nanoparticles for Novel Simultaneous Dual-Modal Imaging-Guided Photothermal Therapy of Cancer. <i>Cancers</i> , 2020, 12, 3136.	3.7	29
9	Fast and Parallel Detection of Four Ebola Virus Species on a Microfluidic-Chip-Based Portable Reverse Transcription Loop-Mediated Isothermal Amplification System. <i>Micromachines</i> , 2019, 10, 777.	2.9	18
10	Label-free tomography of living cellular nanoarchitecture using hyperspectral self-interference microscopy. <i>Biomedical Optics Express</i> , 2019, 10, 2757.	2.9	8
11	An interferometric imaging biosensor using weighted spectrum analysis to confirm DNA monolayer films with attogram sensitivity. <i>Talanta</i> , 2018, 181, 224-231.	5.5	10
12	Original askiatic imaging used in Chinese medicine eye-feature diagnosis of visceral diseases. <i>Journal of Innovative Optical Health Sciences</i> , 2018, 11, .	1.0	5
13	A rapid, low-cost, and microfluidic chip-based system for parallel identification of multiple pathogens related to clinical pneumonia. <i>Scientific Reports</i> , 2017, 7, 6441.	3.3	51