

Ya Su

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

135
citations

1163117

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1281871

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Deep Learning Algorithm for Automated Detection of Polycystic Ovary Syndrome Using Scleral Images. <i>Frontiers in Endocrinology</i> , 2021, 12, 789878. | 3.5 | 16 |
| 4 | Label-Free Method Using a Weighted-Phase Algorithm To Quantitate Nanoscale Interactions between Molecules on DNA Microarrays. <i>Analytical Chemistry</i> , 2017, 89, 3501-3507. | 6.5 | 10 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Label-free tomography of living cellular nanoarchitecture using hyperspectral self-interference microscopy. <i>Biomedical Optics Express</i> , 2019, 10, 2757. | 2.9 | 8 |
| 10 | 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 |
| 11 | 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 |
| 12 | Label-Free and Quantitative Dry Mass Monitoring for Single Cells during In Situ Culture. <i>Cells</i> , 2021, 10, 1635. | 4.1 | 4 |