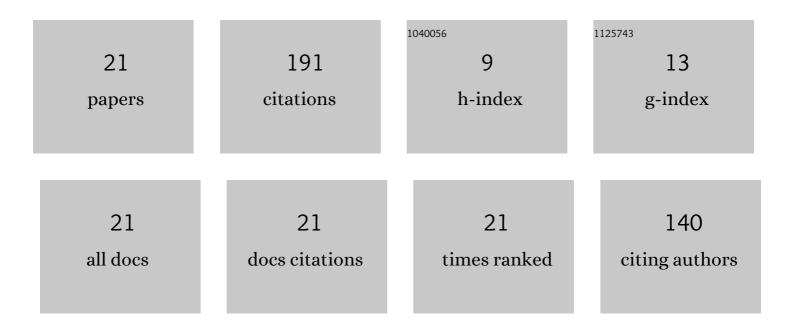
Rongxin Fu

List of Publications by Year in descending order

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Ρονοχίν Ευ

#	Article	IF	CITATIONS
1	Biomimetic Upconversion Nanoparticles and Gold Nanoparticles for Novel Simultaneous Dual-Modal Imaging-Guided Photothermal Therapy of Cancer. Cancers, 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. Micromachines, 2019, 10, 777.	2.9	18
3	A smart device for label-free and real-time detection of gene point mutations based on the high dark phase contrast of vapor condensation. Lab on A Chip, 2015, 15, 3891-3896.	6.0	16
4	Deep Learning Algorithm for Automated Detection of Polycystic Ovary Syndrome Using Scleral Images. Frontiers in Endocrinology, 2021, 12, 789878.	3.5	16
5	Microfluidic Chip with Two-Stage Isothermal Amplification Method for Highly Sensitive Parallel Detection of SARS-CoV-2 and Measles Virus. Micromachines, 2021, 12, 1582.	2.9	16
6	Label-Free Method Using a Weighted-Phase Algorithm To Quantitate Nanoscale Interactions between Molecules on DNA Microarrays. Analytical Chemistry, 2017, 89, 3501-3507.	6.5	10
7	An interferometric imaging biosensor using weighted spectrum analysis to confirm DNA monolayer films with attogram sensitivity. Talanta, 2018, 181, 224-231.	5.5	10
8	Quantitative and specific detection of viable pathogens on a portable microfluidic chip system by combining improved propidium monoazide (PMAxx) and loop-mediated isothermal amplification (LAMP). Analytical Methods, 2021, 13, 3569-3576.	2.7	10
9	Microfluidic Biosensor for Rapid Nucleic Acid Quantitation Based on Hyperspectral Interferometric Amplicon-Complex Analysis. ACS Sensors, 2021, 6, 4057-4066.	7.8	10
10	A nature-inspired hierarchical branching structure pressure sensor with high sensitivity and wide dynamic range for versatile medical wearables. Biosensors and Bioelectronics, 2022, 203, 114028.	10.1	10
11	fM to aM nucleic acid amplification for molecular diagnostics in a non-stick-coated metal microfluidic bioreactor. Scientific Reports, 2014, 4, 7344.	3.3	8
12	Single cell capture, isolation, and longâ€term inâ€situ imaging using quantitative selfâ€interference spectroscopy. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2021, 99, 601-609.	1.5	8
13	Label-free tomography of living cellular nanoarchitecture using hyperspectral self-interference microscopy. Biomedical Optics Express, 2019, 10, 2757.	2.9	8
14	Rapid, Highly Sensitive, and Label-Free Pathogen Assay System Using a Solid-Phase Self-Interference Recombinase Polymerase Amplification Chip and Hyperspectral Interferometry. Analytical Chemistry, 2022, 94, 2926-2933.	6.5	7
15	Original askiatic imaging used in Chinese medicine eye-feature diagnosis of visceral diseases. Journal of Innovative Optical Health Sciences, 2018, 11, .	1.0	5
16	Label-Free and Quantitative Dry Mass Monitoring for Single Cells during In Situ Culture. Cells, 2021, 10, 1635.	4.1	4
17	Rapid, on-site detection of residual explosives based on a lab-in-a-capillary and UV fiber sensor. Analytical Methods, 2014, 6, 9628-9633.	2.7	3
18	A non-invasive diabetes diagnosis method based on novel scleral imaging instrument and AI. , 2021, , .		2

#	Article	IF	CITATIONS
19	Label-free molecular imaging. Proceedings of SPIE, 2014, , .	0.8	1
20	Quantitative and long-term cell imaging with computational hyperspectral interferometry. , 2021, , .		0
21	Label-free and high-sensitive detection for genetic point mutation based on hyperspectral interferometry. , 2016, , .		0