Shuangming Li

List of Publications by Year
in descending order

		1477746	1588620
14	199	6	8
papers	citations	h-index	g-index

14	14	14	289
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gold nanoparticle-based low limit of detection Love wave biosensor for carcinoembryonic antigens. Biosensors and Bioelectronics, 2017, 95, 48-54.	5.3	63
2	A Microfluidic Love-Wave Biosensing Device for PSA Detection Based on an Aptamer Beacon Probe. Sensors, 2015, 15, 13839-13850.	2.1	50
3	Integrating Metal-Enhanced Fluorescence and Surface Acoustic Waves for Sensitive and Rapid Quantification of Cancer Biomarkers from Real Matrices. ACS Sensors, 2018, 3, 222-229.	4.0	32
4	Achieving Lower Insertion Loss and Higher Sensitivity in a SAW Biosensor via Optimization of Waveguide and Microcavity Structures. IEEE Sensors Journal, 2017, 17, 1608-1616.	2.4	16
5	Theoretical Study of Monolayer and Double-Layer Waveguide Love Wave Sensors for Achieving High Sensitivity. Sensors, 2017, 17, 653.	2.1	14
6	Unraveling the Autonomous Motion of Polymerâ€Based Catalytic Micromotors Under Chemicalâ^'Acoustic Hybrid Power. Advanced NanoBiomed Research, 2021, 1, 2000009.	1.7	11
7	Design of a Portable Orthogonal Surface Acoustic Wave Sensor System for Simultaneous Sensing and Removal of Nonspecifically Bound Proteins. Sensors, 2019, 19, 3876.	2.1	7
8	Heating of Rayleigh surface acoustic wave devices in 128Â°YX LiNbO<inf>3</inf> and ST X quartz substrates. , 2017, , .		2
9	Design and fabrication of SiO2 waveguide-based SAW sensors with filled microcavities. , 2015, , .		1
10	Gold nanoparticles amplified surface acoustic wave biosensors for immunodetection. , 2016, , .		1
11	Metal-enhanced immunofluorescence assays for detection of carcinoembryonic antigen. , 2017, , .		1
12	Sensitive Biosensing Using Plasmonic Enhancement of Fluorescence by Rapid Thermal Annealed Silver Nanostructures. IEEE Sensors Journal, 2021, 21, 15917-15925.	2.4	1
13	Performance optimization of temperature compensated surface acoustic wave biosensors. , 2013, , .		0
14	Portable Fluorescence Detection System with Rayleigh Waves Removing Nonspecifically Bound Proteins. , 2019, , .		0