

Shuangming Li

List of Publications by Year in descending order

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14
papers

199
citations

1477746

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1588620

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14
all docs

14
docs citations

14
times ranked

289
citing authors

#	ARTICLE	IF	CITATIONS
1	Unraveling the Autonomous Motion of Polymer-Based Catalytic Micromotors Under Chemical Acoustic Hybrid Power. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2000009.	1.7	11
2	Sensitive Biosensing Using Plasmonic Enhancement of Fluorescence by Rapid Thermal Annealed Silver Nanostructures. <i>IEEE Sensors Journal</i> , 2021, 21, 15917-15925.	2.4	1
3	Design of a Portable Orthogonal Surface Acoustic Wave Sensor System for Simultaneous Sensing and Removal of Nonspecifically Bound Proteins. <i>Sensors</i> , 2019, 19, 3876.	2.1	7
4	Portable Fluorescence Detection System with Rayleigh Waves Removing Nonspecifically Bound Proteins. , 2019, , .		0
5	Integrating Metal-Enhanced Fluorescence and Surface Acoustic Waves for Sensitive and Rapid Quantification of Cancer Biomarkers from Real Matrices. <i>ACS Sensors</i> , 2018, 3, 222-229.	4.0	32
6	Achieving Lower Insertion Loss and Higher Sensitivity in a SAW Biosensor via Optimization of Waveguide and Microcavity Structures. <i>IEEE Sensors Journal</i> , 2017, 17, 1608-1616.	2.4	16
7	Gold nanoparticle-based low limit of detection Love wave biosensor for carcinoembryonic antigens. <i>Biosensors and Bioelectronics</i> , 2017, 95, 48-54.	5.3	63
8	Heating of Rayleigh surface acoustic wave devices in $128^\circ\text{YX LiNbO}_3$ and ST X quartz substrates. , 2017, , .		2
9	Metal-enhanced immunofluorescence assays for detection of carcinoembryonic antigen. , 2017, , .		1
10	Theoretical Study of Monolayer and Double-Layer Waveguide Love Wave Sensors for Achieving High Sensitivity. <i>Sensors</i> , 2017, 17, 653.	2.1	14
11	Gold nanoparticles amplified surface acoustic wave biosensors for immunodetection. , 2016, , .		1
12	A Microfluidic Love-Wave Biosensing Device for PSA Detection Based on an Aptamer Beacon Probe. <i>Sensors</i> , 2015, 15, 13839-13850.	2.1	50
13	Design and fabrication of SiO ₂ waveguide-based SAW sensors with filled microcavities. , 2015, , .		1
14	Performance optimization of temperature compensated surface acoustic wave biosensors. , 2013, , .		0