

Suiqiong Li

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,266
citations

331670

21
h-index

454955

30
g-index

39
all docs

39
docs citations

39
times ranked

1390
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Atom Site Catalyst with Heme Enzymes-Like Active Sites for Electrochemical Sensing of Hydrogen Peroxide. <i>Small</i> , 2021, 17, e2100664.	10.0	66
2	Pt-Ni(OH) ₂ nanosheets amplified two-way lateral flow immunoassays with smartphone readout for quantification of pesticides. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111498.	10.1	70
3	Self-powered wireless sensor network using event-triggered energy harvesters for monitoring and identifying intrusion activities. <i>IET Power Electronics</i> , 2019, 12, 2079-2085.	2.1	8
4	Unprecedented peroxidase-mimicking activity of single-atom nanozyme with atomically dispersed Fe-Nx moieties hosted by MOF derived porous carbon. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111495.	10.1	186
5	CdTe@SiO ₂ signal reporters-based fluorescent immunosensor for quantitative detection of prostate specific antigen. <i>Analytica Chimica Acta</i> , 2019, 1057, 44-50.	5.4	22
6	Visualization of endogenous hydrogen sulfide in living cells based on Au nanorods@silica enhanced fluorescence. <i>Analytica Chimica Acta</i> , 2019, 1053, 81-88.	5.4	27
7	Efficient Cytosolic Delivery Using Crystalline Nanoflowers Assembled from Fluorinated Peptoids. <i>Small</i> , 2018, 14, e1803544.	10.0	34
8	Synthetic Polymer Nanoparticles Functionalized with Different Ligands for Receptor-Mediated Transcytosis across the Blood-Brain Barrier. <i>ACS Applied Bio Materials</i> , 2018, 1, 1687-1694.	4.6	26
9	Direct Cytosolic MicroRNA Detection Using Single-Layer Perfluorinated Tungsten Diselenide Nanoplatfrom. <i>Analytical Chemistry</i> , 2018, 90, 10369-10376.	6.5	14
10	A high-efficiency self-powered wireless sensor node for monitoring concerning vibratory events. <i>Smart Materials and Structures</i> , 2017, 26, 095038.	3.5	7
11	Magnetoelastic-Sensor Integrated Microfluidic Chip for the Measurement of Blood Plasma Viscosity. <i>Journal of the Electrochemical Society</i> , 2017, 164, B247-B252.	2.9	17
12	High throughput pathogen screening for food safety using magnetoelastic biosensors. , 2015, , .		1
13	A pulsed wave excitation system to characterize micron-scale magnetoelastic biosensors. <i>Sensors and Actuators A: Physical</i> , 2014, 205, 143-149.	4.1	12
14	Detection of Salmonella typhimurium Grown Directly on Tomato Surface Using Phage-Based Magnetoelastic Biosensors. <i>Food and Bioprocess Technology</i> , 2013, 6, 682-689.	4.7	40
15	A surface-scanning coil detector for real-time, in-situ detection of bacteria on fresh food surfaces. <i>Biosensors and Bioelectronics</i> , 2013, 50, 311-317.	10.1	48
16	Magnetostrictive resonators as sensors and actuators. <i>Sensors and Actuators A: Physical</i> , 2013, 200, 2-10.	4.1	71
17	Pathogen Detection Using Magnetoelastic Biosentinels. <i>Communications in Computer and Information Science</i> , 2013, , 68-79.	0.5	0
18	Rapid and Sensitive Detection of Salmonella Typhimurium on Eggshells by Using Wireless Biosensors. <i>Journal of Food Protection</i> , 2012, 75, 631-636.	1.7	76

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19	Blocking Agent Optimization for Nonspecific Binding on Phage Based Magnetoelastic Biosensors. Journal of the Electrochemical Society, 2012, 159, B818-B823.	2.9	21
20	Amorphous metallic glass biosensors. Intermetallics, 2012, 30, 80-85.	3.9	59
21	Direct detection of Salmonella Typhimurium on fresh spinach leaves using phage-based magnetoelastic biosensors. , 2012, , .		0
22	Detection of Bacillus anthracis Spores Using Phage-Immobilized Magnetostrictive Milli/Micro Cantilevers. IEEE Sensors Journal, 2011, 11, 1684-1691.	4.7	33
23	Effects of surface functionalization on the surface phage coverage and the subsequent performance of phage-immobilized magnetoelastic biosensors. Biosensors and Bioelectronics, 2011, 26, 2361-2367.	10.1	43
24	Prediction of the Mass Sensitivity of Phage-Coated Magnetoelastic Biosensors for the Detection of Single Pathogenic Bacteria. Materials Research Society Symposia Proceedings, 2011, 1301, 253.	0.1	0
25	In situ real-time detection of E. coli in water using antibody-coated magnetostrictive microcantilever. Sensors and Actuators B: Chemical, 2010, 150, 220-225.	7.8	31
26	Direct detection of Salmonella typhimurium on fresh produce using phage-based magnetoelastic biosensors. Biosensors and Bioelectronics, 2010, 26, 1313-1319.	10.1	151
27	A Multiple Magnetoelastic Sensor System for Detection of Salmonella Typhimurium Using Pulse Method. ECS Transactions, 2010, 33, 77-84.	0.5	0
28	Nonuniform mass detection using magnetostrictive biosensors operating under multiple harmonic resonance modes. Journal of Applied Physics, 2010, 107, .	2.5	35
29	Resonance behavior of magnetostrictive micro/milli-cantilever and its application as a biosensor. Sensors and Actuators B: Chemical, 2009, 137, 692-699.	7.8	38
30	Amorphous magnetoelastic sensors for the detection of biological agents. Intermetallics, 2009, 17, 270-273.	3.9	23
31	Magnetostrictive Microcantilever as an Advanced Transducer for Biosensors. Sensors, 2007, 7, 2929-2941.	3.8	50
32	Detection of Bacillus Anthracis Spores Using Magnetostrictive Microcantilever-based Biosensor. Materials Research Society Symposia Proceedings, 2006, 951, 4.	0.1	4
33	Characterization of Microstructure and Composition of Fe-B Nanobars as Biosensor Platform. Materials Research Society Symposia Proceedings, 2006, 962, 1.	0.1	2
34	Biosensor based on magnetostrictive microcantilever. Applied Physics Letters, 2006, 88, 073507.	3.3	50
35	Influence of CNT on the Crystallization Behavior of P(VDF-CTFE) Copolymers. Materials Research Society Symposia Proceedings, 2006, 949, 1.	0.1	0
36	Piezopolymer Diaphragm as high performance biosensor platform. Materials Research Society Symposia Proceedings, 2005, 889, 1.	0.1	1

#	ARTICLE	IF	CITATIONS
37	Electrosynthesis of Magnetostrictive Nanosensor Array. Materials Research Society Symposia Proceedings, 2005, 900, 1.	0.1	0
38	Electroactive Polymer Based Micro-ElectroMechanical System as Biosensor Platform. Materials Research Society Symposia Proceedings, 2004, 855, 93.	0.1	0
39	Magnetostrictive Microcantilever as Micro-Biosensor Platform. Materials Research Society Symposia Proceedings, 2004, 855, 1.	0.1	0