

# 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	Unprecedented peroxidase-mimicking activity of single-atom nanozyme with atomically dispersed Fe <sup>II</sup> -Nx moieties hosted by MOF derived porous carbon. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111495.	10.1	186
2	Direct detection of <i>Salmonella typhimurium</i> on fresh produce using phage-based magnetoelastic biosensors. <i>Biosensors and Bioelectronics</i> , 2010, 26, 1313-1319.	10.1	151
3	Rapid and Sensitive Detection of <i>Salmonella Typhimurium</i> on Eggshells by Using Wireless Biosensors. <i>Journal of Food Protection</i> , 2012, 75, 631-636.	1.7	76
4	Magnetostrictive resonators as sensors and actuators. <i>Sensors and Actuators A: Physical</i> , 2013, 200, 2-10.	4.1	71
5	Pt <sup>II</sup> -Ni(OH) <sub>2</sub> 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
6	Single-Atomic Site Catalyst with Heme Enzymes-Like Active Sites for Electrochemical Sensing of Hydrogen Peroxide. <i>Small</i> , 2021, 17, e2100664.	10.0	66
7	Amorphous metallic glass biosensors. <i>Intermetallics</i> , 2012, 30, 80-85.	3.9	59
8	Biosensor based on magnetostrictive microcantilever. <i>Applied Physics Letters</i> , 2006, 88, 073507.	3.3	50
9	Magnetostrictive Microcantilever as an Advanced Transducer for Biosensors. <i>Sensors</i> , 2007, 7, 2929-2941.	3.8	50
10	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
11	Effects of surface functionalization on the surface phage coverage and the subsequent performance of phage-immobilized magnetoelastic biosensors. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2361-2367.	10.1	43
12	Detection of <i>Salmonella typhimurium</i> Grown Directly on Tomato Surface Using Phage-Based Magnetoelastic Biosensors. <i>Food and Bioprocess Technology</i> , 2013, 6, 682-689.	4.7	40
13	Resonance behavior of magnetostrictive micro/milli-cantilever and its application as a biosensor. <i>Sensors and Actuators B: Chemical</i> , 2009, 137, 692-699.	7.8	38
14	Nonuniform mass detection using magnetostrictive biosensors operating under multiple harmonic resonance modes. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	35
15	Efficient Cytosolic Delivery Using Crystalline Nanoflowers Assembled from Fluorinated Peptoids. <i>Small</i> , 2018, 14, e1803544.	10.0	34
16	Detection of <i>Bacillus anthracis</i> Spores Using Phage-Immobilized Magnetostrictive Milli/Micro Cantilevers. <i>IEEE Sensors Journal</i> , 2011, 11, 1684-1691.	4.7	33
17	In situ real-time detection of <i>E. coli</i> in water using antibody-coated magnetostrictive microcantilever. <i>Sensors and Actuators B: Chemical</i> , 2010, 150, 220-225.	7.8	31
18	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

#	ARTICLE	IF	CITATIONS
19	Synthetic Polymer Nanoparticles Functionalized with Different Ligands for Receptor-Mediated Transcytosis across the Bloodâ€‘Brain Barrier. ACS Applied Bio Materials, 2018, 1, 1687-1694.	4.6	26
20	Amorphous magnetoelastic sensors for the detection of biological agents. Intermetallics, 2009, 17, 270-273.	3.9	23
21	CdTe@SiO <sub>2</sub> signal reporters-based fluorescent immunosensor for quantitative detection of prostate specific antigen. Analytica Chimica Acta, 2019, 1057, 44-50.	5.4	22
22	Blocking Agent Optimization for Nonspecific Binding on Phage Based Magnetoelastic Biosensors. Journal of the Electrochemical Society, 2012, 159, B818-B823.	2.9	21
23	Magnetoelastic-Sensor Integrated Microfluidic Chip for the Measurement of Blood Plasma Viscosity. Journal of the Electrochemical Society, 2017, 164, B247-B252.	2.9	17
24	Direct Cytosolic MicroRNA Detection Using Single-Layer Perfluorinated Tungsten Diselenide Nanoplatfrom. Analytical Chemistry, 2018, 90, 10369-10376.	6.5	14
25	A pulsed wave excitation system to characterize micron-scale magnetoelastic biosensors. Sensors and Actuators A: Physical, 2014, 205, 143-149.	4.1	12
26	Selfâ€‘powered wireless sensor network using eventâ€‘triggered energy harvesters for monitoring and identifying intrusion activities. IET Power Electronics, 2019, 12, 2079-2085.	2.1	8
27	A high-efficiency self-powered wireless sensor node for monitoring concerning vibratory events. Smart Materials and Structures, 2017, 26, 095038.	3.5	7
28	Detection of Bacillus Anthracis Spores Using Magnetostrictive Microcantilever-based Biosensor. Materials Research Society Symposia Proceedings, 2006, 951, 4.	0.1	4
29	Characterization of Microstructure and Composition of Fe-B Nanobars as Biosensor Platform. Materials Research Society Symposia Proceedings, 2006, 962, 1.	0.1	2
30	Piezopolymer Diaphragm as high performance biosensor platform. Materials Research Society Symposia Proceedings, 2005, 889, 1.	0.1	1
31	High throughput pathogen screening for food safety using magnetoelastic biosensors. , 2015, , .		1
32	Electroactive Polymer Based Micro-ElectroMechanical System as Biosensor Platform. Materials Research Society Symposia Proceedings, 2004, 855, 93.	0.1	0
33	Magnetostrictive Microcantilever as Micro-Biosensor Platform. Materials Research Society Symposia Proceedings, 2004, 855, 1.	0.1	0
34	Electrosynthesis of Magnetostrictive Nanosensor Array. Materials Research Society Symposia Proceedings, 2005, 900, 1.	0.1	0
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	A Multiple Magnetoelastic Sensor System for Detection of Salmonella Typhimurium Using Pulse Method. ECS Transactions, 2010, 33, 77-84.	0.5	0

#	ARTICLE	IF	CITATIONS
37	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
38	Direct detection of Salmonella Typhimurium on fresh spinach leaves using phage-based magnetoelastic biosensors. , 2012, , .		0
39	Pathogen Detection Using Magnetoelastic Biosentinels. Communications in Computer and Information Science, 2013, , 68-79.	0.5	0