

Kwang Bok Kim

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

550
citations

840776

11
h-index

1199594

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g-index

12
all docs

12
docs citations

12
times ranked

866
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic Circuits Based on Polyelectrolyte Diodes on a Microchip. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3830-3833.	13.8	121
2	Continuous glucose monitoring using a microneedle array sensor coupled with a wireless signal transmitter. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 14-21.	7.8	76
3	A selective glucose sensor based on direct oxidation on a bimetal catalyst with a molecular imprinted polymer. <i>Biosensors and Bioelectronics</i> , 2018, 99, 471-478.	10.1	69
4	Disposable all-solid-state pH and glucose sensors based on conductive polymer covered hierarchical AuZn oxide. <i>Biosensors and Bioelectronics</i> , 2016, 79, 165-172.	10.1	67
5	A label-free DC impedance-based microcytometer for circulating rare cancer cell counting. <i>Lab on A Chip</i> , 2013, 13, 970.	6.0	61
6	Ion Flow Crossing Over a Polyelectrolyte Diode on a Microfluidic Chip. <i>Small</i> , 2011, 7, 2629-2639.	10.0	34
7	Polyelectrolyte junction field effect transistor based on microfluidic chip. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	32
8	Dynamic Preconcentration of Gold Nanoparticles for Surface-Enhanced Raman Scattering in a Microfluidic System. <i>Small</i> , 2012, 8, 378-383.	10.0	26
9	Red blood cell quantification microfluidic chip using polyelectrolytic gel electrodes. <i>Electrophoresis</i> , 2009, 30, 1464-1469.	2.4	22
10	Microneedle array sensor for monitoring glucose in single cell using glucose oxidase-bonded polyterthiophene coated on AuZn oxide layer. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128416.	7.8	21
11	Organomimetic microsystems technologies. <i>Biomedical Engineering Letters</i> , 2012, 2, 88-94.	4.1	11
12	Electrokinetic concentration on a microfluidic chip using polyelectrolytic gel plugs for small molecule immunoassay. <i>Electrochimica Acta</i> , 2013, 110, 164-171.	5.2	10