Kwang Bok Kim

List of Publications by Year
in descending order

12	550	840776 11	1199594 12
papers	citations	h-index	g-index

12	12	12	866
all docs	docs citations	times ranked	citing authors

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