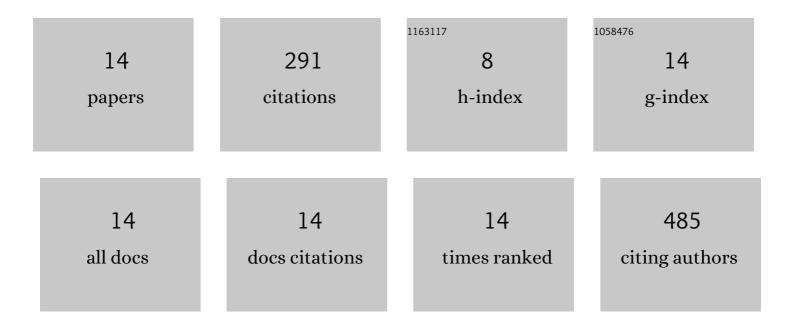
Dawoon Han

List of Publications by Year in descending order

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ΠΑΜΟΟΝ ΗΑΝ

#	Article	IF	CITATIONS
1	Detection of protein kinase using an aptamer on a microchip integrated electrolyte-insulator-semiconductor sensor. Sensors and Actuators B: Chemical, 2017, 248, 973-979.	7.8	23
2	Highly selective organic transistor biosensor with inkjet printed graphene oxide support system. Journal of Materials Chemistry B, 2017, 5, 3580-3585.	5.8	28
3	Microscale loop-mediated isothermal amplification of viral DNA with real-time monitoring on solution-gated graphene FET microchip. Biosensors and Bioelectronics, 2017, 93, 220-225.	10.1	42
4	Rapid Detection of Protein Kinase on Capacitive Sensing Platforms. IEEE Transactions on Nanobioscience, 2016, 15, 843-848.	3.3	5
5	Mechanism of Label-Free DNA Detection Using the Floating Electrode on Pentacene Thin Film Transistor. Journal of Physical Chemistry C, 2016, 120, 4854-4859.	3.1	18
6	Gold Nanoparticle Enhanced Electrochemical Assay for Protein Kinase Activity Using a Synthetic Chemosensor on a Microchip. Journal of the Electrochemical Society, 2015, 162, B89-B93.	2.9	9
7	Microchip Capillary Electrophoresis Based Electroanalysis of Triazine Herbicides. Bulletin of Environmental Contamination and Toxicology, 2015, 94, 41-45.	2.7	19
8	Rhodium Complex and Enzyme Couple Mediated Electrochemical Detection of Adenosine. Applied Biochemistry and Biotechnology, 2015, 177, 812-820.	2.9	6
9	An Electrochemical Assay for Restriction Endonuclease Activity Using Graphene Monolayer. Journal of the Electrochemical Society, 2014, 161, B261-B264.	2.9	8
10	MCU based real-time temperature control system for universal microfluidic PCR chip. Microsystem Technologies, 2014, 20, 471-476.	2.0	9
11	Analytical detection of biological thiols in a microchip capillary channel. Biosensors and Bioelectronics, 2013, 40, 362-367.	10.1	33
12	Screening and electrochemical detection of an antibiotic producing gene in bacteria on an integrated microchip. Analytical Methods, 2013, 5, 6814.	2.7	4
13	An integrated PCR microfluidic chip incorporating aseptic electrochemical cell lysis and capillary electrophoresis amperometric DNA detection for rapid and quantitative genetic analysis. Lab on A Chip, 2012, 12, 4455.	6.0	53
14	Fast detection of triazine herbicides on a microfluidic chip using capillary electrophoresis pulse amperometric detection. Microelectronic Engineering, 2012, 97, 391-395.	2.4	34