Young Shik Shin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11391223/publications.pdf

Version: 2024-02-01

21	2,046	471509 17	713466 21
papers	citations	h-index	g-index

21	21	21	2876
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-Cell Phosphoproteomics Resolves Adaptive Signaling Dynamics and Informs Targeted Combination Therapy in Glioblastoma. Cancer Cell, 2016, 29, 563-573.	16.8	140
2	Intercellular signaling through secreted proteins induces free-energy gradient-directed cell movement. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5520-5525.	7.1	37
3	Critical Points in Tumorigenesis: A Carcinogenâ€Initiated Phase Transition Analyzed via Singleâ€Cell Proteomics. Small, 2016, 12, 1425-1431.	10.0	19
4	Quantitative assessments of glycolysis from single cells. Technology, 2015, 03, 172-178.	1.4	3
5	Chemical Methods for the Simultaneous Quantitation of Metabolites and Proteins from Single Cells. Journal of the American Chemical Society, 2015, 137, 4066-4069.	13.7	87
6	Microfluidics-Based Single-Cell Functional Proteomics for Fundamental and Applied Biomedical Applications. Annual Review of Analytical Chemistry, 2014, 7, 275-295.	5.4	65
7	Microchip platforms for multiplex single-cell functional proteomics with applications to immunology and cancer research. Genome Medicine, 2013, 5, 75.	8.2	46
8	Hypoxia induces a phase transition within a kinase signaling network in cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1352-60.	7.1	61
9	Single-cell proteomic chip for profiling intracellular signaling pathways in single tumor cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 419-424.	7.1	300
10	Quantitating Cellâ€“Cell Interaction Functions with Applications to Glioblastoma Multiforme Cancer Cells. Nano Letters, 2012, 12, 6101-6106.	9.1	78
11	A microfluidic-based bubble generation platform enables analysis of physical property change in phospholipid surfactant layers by interfacial ozone reaction. Lab on A Chip, 2012, 12, 5243.	6.0	4
12	Protein Signaling Networks from Single Cell Fluctuations and Information Theory Profiling. Biophysical Journal, 2011, 100, 2378-2386.	0.5	55
13	A robotics platform for automated batch fabrication of high density, microfluidics-based DNA microarrays, with applications to single cell, multiplex assays of secreted proteins. Review of Scientific Instruments, 2011, 82, 094301.	1.3	12
14	Chemistries for Patterning Robust DNA MicroBarcodes Enable Multiplex Assays of Cytoplasm Proteins from Single Cancer Cells. ChemPhysChem, 2010, 11, 3063-3069.	2.1	47
15	Interfacial Reactions of Ozone with Surfactant Protein B in a Model Lung Surfactant System. Journal of the American Chemical Society, 2010, 132, 2254-2263.	13.7	49
16	Time Resolved Studies of Interfacial Reactions of Ozone with Pulmonary Phospholipid Surfactants Using Field Induced Droplet Ionization Mass Spectrometry. Journal of Physical Chemistry B, 2010, 114, 9496-9503.	2.6	37
17	Applications, techniques, and microfluidic interfacing for nanoscale biosensing. Microfluidics and Nanofluidics, 2009, 7, 149-167.	2.2	64
18	A multi-channel electroporation microchip for gene transfection in mammalian cells. Biosensors and Bioelectronics, 2007, 22, 3273-3277.	10.1	64

#	Article	IF	Citations
19	Quantitative Real-Time Measurements of DNA Hybridization with Alkylated Nonoxidized Silicon Nanowires in Electrolyte Solution. Journal of the American Chemical Society, 2006, 128, 16323-16331.	13.7	469
20	Electrotransfection of Mammalian Cells Using Microchannel-Type Electroporation Chip. Analytical Chemistry, 2004, 76, 7045-7052.	6.5	53
21	PDMS-based micro PCR chip with Parylene coating. Journal of Micromechanics and Microengineering, 2003, 13, 768-774.	2.6	356