

HeaYeon Lee

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

382
citations

840776

11
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

660
citing authors

#	ARTICLE	IF	CITATIONS
1	Label-Free and Regenerative Electrochemical Microfluidic Biosensors for Continual Monitoring of Cell Secretomes. <i>Advanced Science</i> , 2017, 4, 1600522.	11.2	131
2	Single Microfluidic Electrochemical Sensor System for Simultaneous Multi-Pulmonary Hypertension Biomarker Analyses. <i>Scientific Reports</i> , 2017, 7, 7545.	3.3	34
3	A SWCNT based aptasensor system for antibiotic oxytetracycline detection in water samples. <i>Analytical Methods</i> , 2019, 11, 2692-2699.	2.7	29
4	Well-oriented nanowell array metrics for integrated digital nanobiosensors. <i>Applied Physics Letters</i> , 2006, 89, 113901.	3.3	27
5	Polypyrrole Films with Micro/Nanosphere Shapes for Electrodes of High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 33203-33211.	8.0	25
6	Innovations in biomedical nanoengineering: nanowell array biosensor. <i>Nano Convergence</i> , 2018, 5, 9.	12.1	24
7	Preparation of transition metal chalcogenide thin films by pulsed laser ablation. <i>Thin Solid Films</i> , 1996, 277, 98-100.	1.8	19
8	Highly dense protein layers confirmed by atomic force microscopy and quartz crystal microbalance. <i>Journal of Bioscience and Bioengineering</i> , 2004, 97, 138-140.	2.2	19
9	Wafer-scale nanowell array patterning based electrochemical impedimetric immunosensor. <i>Journal of Biotechnology</i> , 2013, 168, 584-588.	3.8	15
10	Measuring Bone Biomarker Alkaline Phosphatase with Wafer-Scale Nanowell Array Electrodes. <i>ACS Sensors</i> , 2018, 3, 2709-2715.	7.8	14
11	Growth of Oriented NiS Films on Si(111) and Al ₂ O ₃ (012) Substrate by Pulsed Laser Ablation. <i>Japanese Journal of Applied Physics</i> , 1993, 32, 2100-2101.	1.5	12
12	Dependence upon ionic strength in the immobilization of probing oligonucleotides onto streptavidin-modified probe surfaces. <i>Biochemical Engineering Journal</i> , 2006, 29, 125-128.	3.6	11
13	Nonmediated, Label-Free Based Detection of Cardiovascular Biomarker in a Biological Sample. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700231.	7.6	8
14	Electrochemical Assay of Nonlabeled DNA Chip and SNOM Imaging by Using Streptavidin-Biotin Interaction. <i>Journal of Nanoscience and Nanotechnology</i> , 2004, 4, 882-885.	0.9	4
15	Single probe nucleic acid immobilization on chemically modified single protein by controlling ionic strength and pH. <i>Analytica Chimica Acta</i> , 2007, 603, 76-81.	5.4	3
16	Non-Destructive Monitoring via Electrochemical NADH Detection in Murine Cells. <i>Biosensors</i> , 2022, 12, 107.	4.7	3
17	Double oxide deposition and etching nanolithography for wafer-scale nanopatterning with high-aspect-ratio using photolithography. <i>Applied Physics Letters</i> , 2013, 103, 033105.	3.3	2
18	Standardization of a bone formation biomarker quantification using screen printed electrodes. <i>Applied Spectroscopy Reviews</i> , 2016, 51, 753-761.	6.7	2

#	ARTICLE	IF	CITATIONS
19	AFM detection of an Alzheimer marker: Different stages of amyloid beta peptide on a mica substrate. Journal of the Korean Physical Society, 2015, 67, 1957-1960.	0.7	0