

Gyeo-Re Han

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

336
citations

949033

11
h-index

1255698

13
g-index

13
all docs

13
docs citations

13
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Reagent Filming for Universal Point-of-Care Diagnostics. <i>Small Methods</i> , 2021, 5, e2100645.	4.6	5
2	Automated, Universal, and Mass-Produced Paper-Based Lateral Flow Biosensing Platform for High-Performance Point-of-Care Testing. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1885-1894.	4.0	38
3	Paper/Soluble Polymer Hybrid-Based Lateral Flow Biosensing Platform for High-Performance Point-of-Care Testing. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 34564-34575.	4.0	48
4	Simultaneous Detection of Serum Glucose and Glycated Albumin on a Paper-Based Sensor for Acute Hyperglycemia and Diabetes Mellitus. <i>Analytical Chemistry</i> , 2020, 92, 11530-11534.	3.2	35
5	Highly Sensitive Chemiluminescence-Based Lateral Flow Immunoassay for Cardiac Troponin I Detection in Human Serum. <i>Sensors</i> , 2020, 20, 2593.	2.1	28
6	Glycation ratio determination through simultaneous detection of human serum albumin and glycated albumin on an advanced lateral flow immunoassay sensor. <i>Lab on A Chip</i> , 2020, 20, 844-851.	3.1	20
7	Design, Synthesis, and Evaluation of Gold Nanoparticle-Antibody-Horseradish Peroxidase Conjugates for Highly Sensitive Chemiluminescence Immunoassay (hs-CLIA). <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 206-214.	1.4	14
8	An immunochromatographic biosensor combined with a water-swelling polymer for automatic signal generation or amplification. <i>Biosensors and Bioelectronics</i> , 2016, 85, 422-428.	5.3	23
9	Liquid crystal sensor for the detection of acetylcholine using acetylcholinesterase immobilized on a nanostructured polymeric surface. <i>Colloid and Polymer Science</i> , 2015, 293, 2771-2779.	1.0	13
10	Label-free detection of viruses on a polymeric surface using liquid crystals. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 147-152.	2.5	42
11	Detection of heavy-metal ions using liquid crystal droplet patterns modulated by interaction between negatively charged carboxylate and heavy-metal cations. <i>Talanta</i> , 2014, 128, 44-50.	2.9	48
12	A simple strategy for detecting synthetic polymers on solid surfaces using liquid crystal. <i>Colloid and Polymer Science</i> , 2013, 291, 2689-2696.	1.0	3
13	Measuring ligand-receptor binding events on polymeric surfaces with periodic wave patterns using liquid crystals. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 94, 89-94.	2.5	19