Jaewoo Lim

List of Publications by Year
in descending order

9	154	1163117 8	1474206 9
papers	citations	h-index	g-index

9	9	9	232
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microfluidic device for one-step detection of breast cancer-derived exosomal mRNA in blood using signal-amplifiable 3D nanostructure. Biosensors and Bioelectronics, 2022, 197, 113753.	10.1	36
2	Fluorescence amplified sensing platforms enabling miRNA detection by self-circulation of a molecular beacon circuit. Chemical Communications, 2019, 55, 3457-3460.	4.1	31
3	Colorimetric paper sensor for visual detection of date-rape drug Î³-hydroxybutyric acid (GHB). Sensors and Actuators B: Chemical, 2021, 347, 130598.	7.8	19
4	Urinary exosomal mRNA detection using novel isothermal gene amplification method based on three-way junction. Biosensors and Bioelectronics, 2020, 167, 112474.	10.1	18
5	Peptidoglycan-Binding Protein Metamaterials Mediated Enhanced and Selective Capturing of Gram-Positive Bacteria and Their Specific, Ultra-Sensitive, and Reproducible Detection via Surface-Enhanced Raman Scattering. ACS Sensors, 2020, 5, 3099-3108.	7.8	13
6	Electrospun Nanofibrous Membrane-Based Colorimetric Device for Rapid and Simple Screening of Amphetamine-Type Stimulants in Drinks. Analytical Chemistry, 2022, 94, 3535-3542.	6.5	11
7	miRNA sensing hydrogels capable of self-signal amplification for early diagnosis of Alzheimer's disease. Biosensors and Bioelectronics, 2022, 209, 114279.	10.1	11
8	Peptidoglycan binding protein (PGBP)-modified magnetic nanobeads for efficient magnetic capturing of Staphylococcus aureus associated with sepsis in blood. Scientific Reports, 2019, 9, 129.	3.3	9
9	Isothermal amplification-mediated lateral flow biosensors for in vitro diagnosis of gastric cancer-related microRNAs. Talanta, 2022, 246, 123502.	5.5	6