

# Jaewoo Lim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11786939/publications.pdf>

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9  
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1163117  
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#	ARTICLE	IF	CITATIONS
1	Microfluidic device for one-step detection of breast cancer-derived exosomal mRNA in blood using signal-amplifiable 3D nanostructure. <i>Biosensors and Bioelectronics</i> , 2022, 197, 113753.	10.1	36
2	Electrospun Nanofibrous Membrane-Based Colorimetric Device for Rapid and Simple Screening of Amphetamine-Type Stimulants in Drinks. <i>Analytical Chemistry</i> , 2022, 94, 3535-3542.	6.5	11
3	miRNA sensing hydrogels capable of self-signal amplification for early diagnosis of Alzheimer's disease. <i>Biosensors and Bioelectronics</i> , 2022, 209, 114279.	10.1	11
4	Isothermal amplification-mediated lateral flow biosensors for in vitro diagnosis of gastric cancer-related microRNAs. <i>Talanta</i> , 2022, 246, 123502.	5.5	6
5	Colorimetric paper sensor for visual detection of date-rape drug $\gamma$ -hydroxybutyric acid (GHB). <i>Sensors and Actuators B: Chemical</i> , 2021, 347, 130598.	7.8	19
6	Urinary exosomal mRNA detection using novel isothermal gene amplification method based on three-way junction. <i>Biosensors and Bioelectronics</i> , 2020, 167, 112474.	10.1	18
7	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. <i>ACS Sensors</i> , 2020, 5, 3099-3108.	7.8	13
8	Fluorescence amplified sensing platforms enabling miRNA detection by self-circulation of a molecular beacon circuit. <i>Chemical Communications</i> , 2019, 55, 3457-3460.	4.1	31
9	Peptidoglycan binding protein (PGBP)-modified magnetic nanobeads for efficient magnetic capturing of <i>Staphylococcus aureus</i> associated with sepsis in blood. <i>Scientific Reports</i> , 2019, 9, 129.	3.3	9