

Kyung Hoon Kim

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

256
citations

1163117

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1281871

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docs citations

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times ranked

522
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Hierarchical Nanotopography for On-Site Rapid Capture and Sensitive Detection of Infectious Microbial Pathogens. <i>ACS Nano</i> , 2021, 15, 4777-4788.	14.6	23
2	Touchable 3D hierarchically structured polyaniline nanoweb for capture and detection of pathogenic bacteria. <i>Nano Convergence</i> , 2021, 8, 30.	12.1	5
3	Large-Area and 3D Polyaniline Nanoweb Film for Flexible Supercapacitors with High Rate Capability and Long Cycle Life. <i>ACS Applied Energy Materials</i> , 2020, 3, 7746-7755.	5.1	33
4	Fabrication of newspaper-based potentiometric platforms for flexible and disposable ion sensors. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 167-173.	9.4	21
5	Surface-Modified Mesh Filter for Direct Nucleic Acid Extraction and its Application to Gene Expression Analysis. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700642.	7.6	14
6	Flexible and Disposable Sensing Platforms Based on Newspaper. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 34978-34984.	8.0	46
7	Protein-directed assembly of cobalt phosphate hybrid nanoflowers. <i>Journal of Colloid and Interface Science</i> , 2016, 484, 44-50.	9.4	69
8	Rapid, High-Throughput, and Direct Molecular Beacon Delivery to Human Cancer Cells Using a Nanowire-Incorporated and Pneumatic Pressure-Driven Microdevice. <i>Small</i> , 2015, 11, 6215-6224.	10.0	14
9	Exogenous Gene Integration for Microalgal Cell Transformation Using a Nanowire-Incorporated Microdevice. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27554-27561.	8.0	19
10	A large-area hemispherical perforated bead microarray for monitoring bead based aptamer and target protein interaction. <i>Biomicrofluidics</i> , 2014, 8, 064119.	2.4	4
11	Capture and culturing of single microalgae cells, and retrieval of colonies using a perforated hemispherical microwell structure. <i>RSC Advances</i> , 2014, 4, 61298-61304.	3.6	8