

Soonwoo Hong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6041485/publications.pdf>

Version: 2024-02-01

15
papers

528
citations

1163117

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1125743

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17
all docs

17
docs citations

17
times ranked

861
citing authors

#	ARTICLE	IF	CITATIONS
1	Early-Stage Lung Cancer Diagnosis by Deep Learning-Based Spectroscopic Analysis of Circulating Exosomes. ACS Nano, 2020, 14, 5435-5444.	14.6	248
2	Photothermal Inhibition of Neural Activity with Near-Infrared-Sensitive Nanotransducers. ACS Nano, 2014, 8, 8040-8049.	14.6	145
3	Autoenhanced Raman Spectroscopy via Plasmonic Trapping for Molecular Sensing. Analytical Chemistry, 2016, 88, 7633-7638.	6.5	27
4	Flexible and Stable Omniphobic Surfaces Based on Biomimetic Repulsive Air-Spring Structures. ACS Applied Materials & Interfaces, 2019, 11, 5877-5884.	8.0	23
5	Generative adversarial network enables rapid and robust fluorescence lifetime image analysis in live cells. Communications Biology, 2022, 5, 18.	4.4	21
6	Footprints of Nanoscale DNA-Silver Cluster Chromophores via Activated-Electron Photodetachment Mass Spectrometry. ACS Nano, 2019, 13, 14070-14079.	14.6	16
7	Measuring DNA Hybridization Kinetics in Live Cells Using a Time-Resolved 3D Single-Molecule Tracking Method. Journal of the American Chemical Society, 2019, 141, 15747-15750.	13.7	15
8	Improving NanoCluster Beacon performance by blocking the unlabeled NC probes. Chemical Communications, 2019, 55, 462-465.	4.1	14
9	Aqueous synthesis of highly monodisperse sub-100 nm AgCl nanospheres/cubes and their plasmonic nanomesh replicas as visible-light photocatalysts and single SERS probes. Nanotechnology, 2019, 30, 295604.	2.6	7
10	Deep learning-based classification of breast cancer cells using transmembrane receptor dynamics. Bioinformatics, 2021, 38, 243-249.	4.1	6
11	Recent developments in the characterization of nucleic acid hybridization kinetics. Current Opinion in Biomedical Engineering, 2021, 19, 100305.	3.4	2
12	Massively Parallel Activator Selection of Nanocluster Beacons. Biophysical Journal, 2020, 118, 624a.	0.5	1
13	Liquid biopsy of lung cancer by deep learning and spectroscopic analysis of circulating exosomes.. Journal of Clinical Oncology, 2020, 38, e15532-e15532.	1.6	1
14	Simultaneous trapping-and-detecting surface-enhanced Raman spectroscopy by self-aligned hot-spots. Proceedings of SPIE, 2016, , .	0.8	0
15	Single-Objective Multiphoton Light-sheet Microscopy for Lung Cancer Organoid Screening. Biophysical Journal, 2020, 118, 308a.	0.5	0