

Soonwoo Hong

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

528
citations

1163117

8
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

861
citing authors

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