

SoonGweon Hong

List of Publications by Year in descending order

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18
papers

1,459
citations

567281

15
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

2869
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanophotonic Cell Lysis and Polymerase Chain Reaction with Gravity-Driven Cell Enrichment for Rapid Detection of Pathogens. ACS Nano, 2019, 13, 13866-13874.	14.6	44
2	Bubble-free rapid microfluidic PCR. Biosensors and Bioelectronics, 2019, 126, 725-733.	10.1	53
3	Microphysiological Analysis Platform of Pancreatic Islet β -Cell Spheroids. Advanced Healthcare Materials, 2018, 7, 1701111.	7.6	60
4	Preclinical Animal Models for Dravet Syndrome: Seizure Phenotypes, Comorbidities and Drug Screening. Frontiers in Pharmacology, 2018, 9, 573.	3.5	77
5	Clemizole and modulators of serotonin signalling suppress seizures in Dravet syndrome. Brain, 2017, 140, aww342.	7.6	174
6	Assessing Antibiotic Permeability of Gram-Negative Bacteria via Nanofluidics. ACS Nano, 2017, 11, 6959-6967.	14.6	21
7	Asymmetric Nanocrescent Antenna on Upconversion Nanocrystal. Nano Letters, 2017, 17, 6583-6590.	9.1	24
8	A Novel Long-term, Multi-Channel and Non-invasive Electrophysiology Platform for Zebrafish. Scientific Reports, 2016, 6, 28248.	3.3	59
9	Rapid Optical Cavity PCR. Advanced Healthcare Materials, 2016, 5, 167-174.	7.6	41
10	Human iPSC-based Cardiac Microphysiological System For Drug Screening Applications. Scientific Reports, 2015, 5, 8883.	3.3	411
11	Ultrafast photonic PCR. Light: Science and Applications, 2015, 4, e280-e280.	16.6	176
12	Bioinspired optical antennas: gold plant viruses. Light: Science and Applications, 2015, 4, e267-e267.	16.6	30
13	Near-Infrared SERS Nanoprobes with Plasmonic Au/Ag Hollow Shell Assemblies for In Vivo Multiplex Detection. Advanced Functional Materials, 2013, 23, 3719-3727.	14.9	121
14	Nanoprobes: Near-Infrared SERS Nanoprobes with Plasmonic Au/Ag Hollow Shell Assemblies for In Vivo Multiplex Detection (Adv. Funct. Mater. 30/2013). Advanced Functional Materials, 2013, 23, 3828-3828.	14.9	2
15	Fabrication of a large, ordered, three-dimensional nanocup array. Applied Physics Letters, 2012, 101, 081109.	3.3	9
16	Self-Assembled Three-Dimensional Nanocrown Array. ACS Nano, 2012, 6, 5803-5808.	14.6	47
17	Single-cell level co-culture platform for intercellular communication. Integrative Biology (United Kingdom), 2011, 1, 110-110.	1.3	110
18	Plasmonics: The Effect of Thermal Gradients in SERS Spectroscopy (Small 23/2010). Small, 2010, 6, 2622-2622.	10.0	0