

SoonGweon Hong

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,459
citations

567281

15
h-index

888059

17
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18
all docs

18
docs citations

18
times ranked

2869
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Human iPSC-based Cardiac Microphysiological System For Drug Screening Applications. Scientific Reports, 2015, 5, 8883. | 3.3 | 411 |
| 2 | Ultrafast photonic PCR. Light: Science and Applications, 2015, 4, e280-e280. | 16.6 | 176 |
| 3 | Clemizole and modulators of serotonin signalling suppress seizures in Dravet syndrome. Brain, 2017, 140, aww342. | 7.6 | 174 |
| 4 | 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 |
| 5 | Single-cell level co-culture platform for intercellular communication. Integrative Biology (United Kingdom), 2017, 9, 110. Tj ETQq1 1 0.784314 rgBT /Overlock | 1.3 | 110 |
| 6 | Preclinical Animal Models for Dravet Syndrome: Seizure Phenotypes, Comorbidities and Drug Screening. Frontiers in Pharmacology, 2018, 9, 573. | 3.5 | 77 |
| 7 | Microphysiological Analysis Platform of Pancreatic Islet β -Cell Spheroids. Advanced Healthcare Materials, 2018, 7, 1701111. | 7.6 | 60 |
| 8 | A Novel Long-term, Multi-Channel and Non-invasive Electrophysiology Platform for Zebrafish. Scientific Reports, 2016, 6, 28248. | 3.3 | 59 |
| 9 | Bubble-free rapid microfluidic PCR. Biosensors and Bioelectronics, 2019, 126, 725-733. | 10.1 | 53 |
| 10 | Self-Assembled Three-Dimensional Nanocrown Array. ACS Nano, 2012, 6, 5803-5808. | 14.6 | 47 |
| 11 | 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 |
| 12 | Rapid Optical Cavity PCR. Advanced Healthcare Materials, 2016, 5, 167-174. | 7.6 | 41 |
| 13 | Bioinspired optical antennas: gold plant viruses. Light: Science and Applications, 2015, 4, e267-e267. | 16.6 | 30 |
| 14 | Asymmetric Nanocrescent Antenna on Upconversion Nanocrystal. Nano Letters, 2017, 17, 6583-6590. | 9.1 | 24 |
| 15 | Assessing Antibiotic Permeability of Gram-Negative Bacteria via Nanofluidics. ACS Nano, 2017, 11, 6959-6967. | 14.6 | 21 |
| 16 | Fabrication of a large, ordered, three-dimensional nanocup array. Applied Physics Letters, 2012, 101, 081109. | 3.3 | 9 |
| 17 | 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 |
| 18 | Plasmonics: The Effect of Thermal Gradients in SERS Spectroscopy (Small 23/2010). Small, 2010, 6, 2622-2622. | 10.0 | 0 |