

Sangjin Yoo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2609589/publications.pdf>

Version: 2024-02-01

11
papers

870
citations

933447

10
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

952
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Focused ultrasound excites cortical neurons via mechanosensitive calcium accumulation and ion channel amplification. <i>Nature Communications</i> , 2022, 13, 493. | 12.8 | 152 |
| 2 | Acoustically triggered mechanotherapy using genetically encoded gas vesicles. <i>Nature Nanotechnology</i> , 2021, 16, 1403-1412. | 31.5 | 74 |
| 3 | Ultrasound Technologies for Imaging and Modulating Neural Activity. <i>Neuron</i> , 2020, 108, 93-110. | 8.1 | 123 |
| 4 | Thermoplasmonic Optical Fiber for Localized Neural Stimulation. <i>ACS Nano</i> , 2020, 14, 11406-11419. | 14.6 | 31 |
| 5 | Single-Cell Photothermal Neuromodulation for Functional Mapping of Neural Networks. <i>ACS Nano</i> , 2019, 13, 544-551. | 14.6 | 58 |
| 6 | Biomolecular Ultrasound and Sonogenetics. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2018, 9, 229-252. | 6.8 | 137 |
| 7 | Notice of Removal: Elucidating the biophysical mechanisms of ultrasonic neuromodulation. , 2017, , . | | 0 |
| 8 | Electro-optical Neural Platform Integrated with Nanoplasmonic Inhibition Interface. <i>ACS Nano</i> , 2016, 10, 4274-4281. | 14.6 | 68 |
| 9 | Emerging Neural Stimulation Technologies for Bladder Dysfunctions. <i>International Neurourology Journal</i> , 2015, 19, 3-11. | 1.2 | 25 |
| 10 | Generation of Cellular Micropatterns on a Single-layered Graphene Film. <i>Macromolecular Bioscience</i> , 2014, 14, 314-319. | 4.1 | 17 |
| 11 | Photothermal Inhibition of Neural Activity with Near-Infrared-Sensitive Nanotransducers. <i>ACS Nano</i> , 2014, 8, 8040-8049. | 14.6 | 145 |