

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	Photothermal Inhibition of Neural Activity with Near-Infrared-Sensitive Nanotransducers. <i>ACS Nano</i> , 2014, 8, 8040-8049.	14.6	145
3	Biomolecular Ultrasound and Sonogenetics. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2018, 9, 229-252.	6.8	137
4	Ultrasound Technologies for Imaging and Modulating Neural Activity. <i>Neuron</i> , 2020, 108, 93-110.	8.1	123
5	Acoustically triggered mechanotherapy using genetically encoded gas vesicles. <i>Nature Nanotechnology</i> , 2021, 16, 1403-1412.	31.5	74
6	Electro-optical Neural Platform Integrated with Nanoplasmonic Inhibition Interface. <i>ACS Nano</i> , 2016, 10, 4274-4281.	14.6	68
7	Single-Cell Photothermal Neuromodulation for Functional Mapping of Neural Networks. <i>ACS Nano</i> , 2019, 13, 544-551.	14.6	58
8	Thermoplasmonic Optical Fiber for Localized Neural Stimulation. <i>ACS Nano</i> , 2020, 14, 11406-11419.	14.6	31
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	Notice of Removal: Elucidating the biophysical mechanisms of ultrasonic neuromodulation. , 2017, , .		0