

Sang Heon Lee

List of Publications by Year in descending order

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Version: 2024-02-01

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1307594

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#	ARTICLE	IF	CITATIONS
1	Ultra-Sharp Nanowire Arrays Natively Permeate, Record, and Stimulate Intracellular Activity in Neuronal and Cardiac Networks. <i>Advanced Functional Materials</i> , 2022, 32, 2108378.	14.9	21
2	Scalable Thousand Channel Penetrating Microneedle Arrays on Flex for Multimodal and Large Area Coverage Brain-Machine Interfaces. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	19
3	Microscale Physiological Events on the Human Cortical Surface. <i>Cerebral Cortex</i> , 2021, 31, 3678-3700.	2.9	29
4	Microscale dynamics of electrophysiological markers of epilepsy. <i>Clinical Neurophysiology</i> , 2021, 132, 2916-2931.	1.5	20
5	Selective Formation of Porous Pt Nanorods for Highly Electrochemically Efficient Neural Electrode Interfaces. <i>Nano Letters</i> , 2019, 19, 6244-6254.	9.1	51
6	Development and Translation of PEDOT:PSS Microelectrodes for Intraoperative Monitoring. <i>Advanced Functional Materials</i> , 2018, 28, 1700232.	14.9	97
7	High Density Individually Addressable Nanowire Arrays Record Intracellular Activity from Primary Rodent and Human Stem Cell Derived Neurons. <i>Nano Letters</i> , 2017, 17, 2757-2764.	9.1	132