

Sang Heon Lee

List of Publications by Year in descending order

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7
papers

370
citations

1307594

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h-index

1720034

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8
times ranked

674
citing authors

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