

Long Yang

List of Publications by Year in descending order

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16
papers

996
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

2250
citing authors

#	ARTICLE	IF	CITATIONS
1	Open source silicon microprobes for high throughput neural recording. Journal of Neural Engineering, 2020, 17, 016036.	3.5	66
2	Differential encoding of action selection by orbitofrontal and striatal population dynamics. Journal of Neurophysiology, 2020, 124, 634-644.	1.8	8
3	Flexible and biocompatible nanopaper-based electrode arrays for neural activity recording. Nano Research, 2018, 11, 5604-5614.	10.4	26
4	Simultaneous surface and depth neural activity recording with graphene transistor-based dual-modality probes. Biosensors and Bioelectronics, 2018, 105, 109-115.	10.1	7
5	A General Method for the Chemical Synthesis of Large-scale, Seamless Transition Metal Dichalcogenide Electronics. Advanced Materials, 2018, 30, e1706215.	21.0	36
6	Direct synthesis of graphene/carbon nanotube hybrid films from multiwalled carbon nanotubes on copper. Carbon, 2017, 118, 675-679.	10.3	16
7	Highly Crumpled All-Carbon Transistors for Brain Activity Recording. Nano Letters, 2017, 17, 71-77.	9.1	38
8	Graphene Reinforced Carbon Nanotube Networks for Wearable Strain Sensors. Advanced Functional Materials, 2016, 26, 2078-2084.	14.9	328
9	Blown-Bubble Assembly and in Situ Fabrication of Sausage-like Graphene Nanotubes Containing Copper Nanoblocks. Nano Letters, 2016, 16, 4917-4924.	9.1	13
10	Strain Sensing: Graphene Reinforced Carbon Nanotube Networks for Wearable Strain Sensors (Adv.)	14.9	3
11	Carbon Nanotube Network Embroidered Graphene Films for Monolithic All-Carbon Electronics. Advanced Materials, 2015, 27, 682-688.	21.0	62
12	Templated synthesis of TiO ₂ nanotube macrostructures and their photocatalytic properties. Nano Research, 2015, 8, 900-906.	10.4	32
13	Nanodevices for Cellular Interfaces and Electrophysiological Recording. Advanced Materials, 2013, 25, 3881-3887.	21.0	20
14	Colloidal Antireflection Coating Improves Graphene-Silicon Solar Cells. Nano Letters, 2013, 13, 1776-1781.	9.1	303
15	Sensitivity Limits and Scaling of Bioelectronic Graphene Transducers. Nano Letters, 2013, 13, 2902-2907.	9.1	31
16	Facile Solution Synthesis and Photoelectric Properties of Monolithic Tin(II) Sulfide Nanobelt Arrays. Chemistry - an Asian Journal, 2013, 8, 2483-2488.	3.3	7