

# 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  
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16  
docs citations

16  
times ranked

2250  
citing authors

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