Tian-Ming Fu

List of Publications by Year
in descending order

14 papers	2,357 citations	623734 14 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	2966 citing authors

#	Article	IF	Citations
1	Syringe-injectable electronics. Nature Nanotechnology, 2015, 10, 629-636.	31.5	543
2	Three-dimensional macroporous nanoelectronic networks as minimally invasive brain probes. Nature Materials, 2015, 14, 1286-1292.	27.5	334
3	Bioinspired neuron-like electronics. Nature Materials, 2019, 18, 510-517.	27.5	277
4	Stable long-term chronic brain mapping at the single-neuron level. Nature Methods, 2016, 13, 875-882.	19.0	256
5	Syringe-injectable mesh electronics integrate seamlessly with minimal chronic immune response in the brain. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5894-5899.	7.1	181
6	A method for single-neuron chronic recording from the retina in awake mice. Science, 2018, 360, 1447-1451.	12.6	132
7	Long Term Stability of Nanowire Nanoelectronics in Physiological Environments. Nano Letters, 2014, 14, 1614-1619.	9.1	126
8	Highly scalable multichannel mesh electronics for stable chronic brain electrophysiology. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10046-E10055.	7.1	120
9	Nanoelectronics-biology frontier: From nanoscopic probes for action potential recording in live cells to three-dimensional cyborg tissues. Nano Today, 2013, 8, 351-373.	11.9	116
10	Syringe Injectable Electronics: Precise Targeted Delivery with Quantitative Input/Output Connectivity. Nano Letters, 2015, 15, 6979-6984.	9.1	109
11	Sub-10-nm intracellular bioelectronic probes from nanowireâ€“nanotube heterostructures. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1259-1264.	7.1	59
12	Syringe-Injectable Electronics with a Plug-and-Play Input/Output Interface. Nano Letters, 2017, 17, 5836-5842.	9.1	59
13	Advanced One- and Two-Dimensional Mesh Designs for Injectable Electronics. Nano Letters, 2019, 19, 4180-4187.	9.1	23
14	Syringe-injectable Mesh Electronics for Stable Chronic Rodent Electrophysiology. Journal of Visualized Experiments, 2018, , .	0.3	22