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List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4946146/publications.pdf

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15 papers	1,016 citations	759233 12 h-index	1058476 14 g-index
17 all docs	17 docs citations	17 times ranked	1537 citing authors

#	Article	IF	Citations
1	Ultraflexible nanoelectronic probes form reliable, glial scarâ€“free neural integration. Science Advances, 2017, 3, e1601966.	10.3	436
2	Nanofabricated Ultraflexible Electrode Arrays for Highâ€Density Intracortical Recording. Advanced Science, 2018, 5, 1700625.	11.2	109
3	Uncovering edge states and electrical inhomogeneity in MoS ₂ field-effect transistors. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8583-8588.	7.1	94
4	Recent Advances in Electrical Neural Interface Engineering: Minimal Invasiveness, Longevity, and Scalability. Neuron, 2020, 108, 302-321.	8.1	85
5	Ultraflexible Neural Electrodes for Long-Lasting Intracortical Recording. IScience, 2020, 23, 101387.	4.1	60
6	Nanoelectronic Coating Enabled Versatile Multifunctional Neural Probes. Nano Letters, 2017, 17, 4588-4595.	9.1	48
7	Multimodal mapping of neural activity and cerebral blood flow reveals long-lasting neurovascular dissociations after small-scale strokes. Science Advances, 2020, 6, eaba1933.	10.3	47
8	Can One Concurrently Record Electrical Spikes from Every Neuron in a Mammalian Brain?. Neuron, 2019, 103, 1005-1015.	8.1	46
9	Nano functional neural interfaces. Nano Research, 2018, 11, 5065-5106.	10.4	23
10	Dynamics of isoflurane-induced vasodilation and blood flow of cerebral vasculature revealed by multi-exposure speckle imaging. Journal of Neuroscience Methods, 2022, 366, 109434.	2.5	20
11	Nanoelectronics enabled chronic multimodal neural platform in a mouse ischemic model. Journal of Neuroscience Methods, 2018, 295, 68-76.	2.5	19
12	A novel flexible microfluidic meshwork to reduce fibrosis in glaucoma surgery. PLoS ONE, 2017, 12, e0172556.	2.5	18
13	Chronic co-implantation of ultraflexible neural electrodes and a cranial window. Neurophotonics, 2022, 9, 032204.	3.3	7
14	Spikes to Pixels: Camera Chips for Large-scale Electrophysiology. Trends in Neurosciences, 2020, 43, 269-271.	8.6	2
15	Optimized design of a hyperflexible sieve electrode to enhance neurovascular regeneration for a peripheral neural interface. Biomaterials, 2021, 275, 120924.	11.4	1