Zhanhong Du

List of Publications by Year
in descending order

10	753	1163117 8	1588992 8
papers	citations	h-index	g-index

11	11	11	1005
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Residual voltage as an ad-hoc indicator of electrode damage in biphasic electrical stimulation. Journal of Neural Engineering, 2021, 18, 0460c1.	3.5	1
2	Electrically Controlled Neurochemical Release from Dualâ€Layer Conducting Polymer Films for Precise Modulation of Neural Network Activity in Rat Barrel Cortex. Advanced Functional Materials, 2018, 28, 1703988.	14.9	30
3	Aptamer-functionalized neural recording electrodes for the direct measurement of cocaine in vivo. Journal of Materials Chemistry B, 2017, 5, 2445-2458.	5.8	38
4	Ultrasoft microwire neural electrodes improve chronic tissue integration. Acta Biomaterialia, 2017, 53, 46-58.	8.3	159
5	Chronic In Vivo Evaluation of PEDOT/CNT for Stable Neural Recordings. IEEE Transactions on Biomedical Engineering, 2016, 63, 111-119.	4.2	153
6	In Vivo Electrochemical Analysis of a PEDOT/MWCNT Neural Electrode Coating. Biosensors, 2015, 5, 618-646.	4.7	108
7	Poly(3,4-ethylenedioxythiophene)-ionic liquid coating improves neural recording and stimulation functionality of MEAs. Journal of Materials Chemistry C, 2015, 3, 6515-6524.	5.5	47
8	Comprehensive chronic laminar single-unit, multi-unit, and local field potential recording performance with planar single shank electrode arrays. Journal of Neuroscience Methods, 2015, 242, 15-40.	2.5	116
9	Evaluation of poly(3,4-ethylenedioxythiophene)/carbon nanotube neural electrode coatings for stimulation in the dorsal root ganglion. Journal of Neural Engineering, 2015, 12, 016008.	3.5	98
10	Matching the mechanical properties of the brain: histological performance of soft elastomeric wires designed for use in neural interface devices (651.15). FASEB Journal, 2014, 28, 651.15.	0.5	0