

Zhanhong Du

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/734464/publications.pdf>

Version: 2024-02-01

10
papers

753
citations

1163117

8
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

1005
citing authors

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