

Ming Yin

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

884
citations

1307594

7
h-index

1720034

7
g-index

21
all docs

21
docs citations

21
times ranked

1075
citing authors

#	ARTICLE	IF	CITATIONS
1	An implantable wireless neural interface for recording cortical circuit dynamics in moving primates. Journal of Neural Engineering, 2013, 10, 026010.	3.5	267
2	Wireless Neurosensor for Full-Spectrum Electrophysiology Recordings during Free Behavior. Neuron, 2014, 84, 1170-1182.	8.1	200
3	A 100-Channel Hermetically Sealed Implantable Device for Chronic Wireless Neurosensing Applications. IEEE Transactions on Biomedical Circuits and Systems, 2013, 7, 115-128.	4.0	134
4	A Low-Noise Preamplifier with Adjustable Gain and Bandwidth for Biopotential Recording Applications. , 2007, , .		93
5	Using Pulse Width Modulation for Wireless Transmission of Neural Signals in Multichannel Neural Recording Systems. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2009, 17, 354-363.	4.9	30
6	A Wideband Dual-Antenna Receiver for Wireless Recording From Animals Behaving in Large Arenas. IEEE Transactions on Biomedical Engineering, 2013, 60, 1993-2004.	4.2	29
7	A low-noise clockless simultaneous 32-channel wireless neural recording system with adjustable resolution. Analog Integrated Circuits and Signal Processing, 2011, 66, 417-431.	1.4	27
8	A clockless ultra low-noise low-power wireless implantable neural recording system. , 2008, , .		14
9	Advances in Penetrating Multichannel Microelectrodes Based on the Utah Array Platform. Advances in Experimental Medicine and Biology, 2019, 1101, 1-40.	1.6	12
10	A 32-channel fully implantable wireless neurosensor for simultaneous recording from two cortical regions. , 2011, 2011, 2300-6.		10
11	A 100-channel hermetically sealed implantable device for wireless neurosensing applications. , 2012, , .		10
12	A 15-Channel Wireless Neural Recording System Based on Time Division Multiplexing of Pulse Width Modulated Signals. , 2006, , .		9
13	Using Pulse Width Modulation for Wireless Transmission of Neural Signals in a Multichannel Neural Recording System. , 2007, , .		9
14	A wideband PWM-FSK receiver for wireless implantable neural recording applications. , 2008, , .		9
15	Developing implantable neuroprosthetics: A new model in pig. , 2011, 2011, 3024-30.		7
16	A low-noise receiver for multichannel wireless neural recording. , 2008, 2008, 2024-7.		6
17	In vivo testing of a low noise , 32-channel wireless neural recording system. , 2009, 2009, 1608-11.		5
18	A fully wireless platform for correlating behavior and neural data from an implanted, neural recording device: Demonstration in a freely moving swine model. , 2013, , .		5

#	ARTICLE	IF	CITATIONS
19	Wideband flexible transmitter and receiver pair for implantable wireless neural recording applications. , 2007, , .		2
20	A fiber optic multi-channel neural recording system for freely moving rats. , 2013, , .		0