

Song Luan

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

277
citations

1684188

5
h-index

2053705

5
g-index

15
all docs

15
docs citations

15
times ranked

464
citing authors

#	ARTICLE	IF	CITATIONS
1	SenseBack - An Implantable System for Bidirectional Neural Interfacing. IEEE Transactions on Biomedical Circuits and Systems, 2020, 14, 1079-1087.	4.0	10
2	Neuro-PULP: A Paradigm Shift Towards Fully Programmable Platforms for Neural Interfaces. , 2020, , .		0
3	SenseBack “ Implant considerations for an implantable neural stimulation and recording device. , 2019, , .		5
4	Compact standalone platform for neural recording with real-time spike sorting and data logging. Journal of Neural Engineering, 2018, 15, 046014.	3.5	50
5	A 64-Channel Versatile Neural Recording SoC With Activity-Dependent Data Throughput. IEEE Transactions on Biomedical Circuits and Systems, 2017, 11, 1344-1355.	4.0	49
6	A 32-ch. bidirectional neural/EMG interface with on-chip spike detection for sensorimotor feedback. , 2016, , .		4
7	An event-driven SoC for neural recording. , 2016, , .		5
8	Live demonstration: A scalable 32-channel neural recording and real-time FPGA based spike sorting system. , 2015, , .		13
9	Neuromodulation: present and emerging methods. Frontiers in Neuroengineering, 2014, 7, 27.	4.8	110
10	A charge-metering method for voltage-mode neural stimulation. Journal of Neuroscience Methods, 2014, 224, 39-47.	2.5	15
11	A 890fj/bit UWB transmitter for SOC integration in high bit-rate transcutaneous bio-implants. , 2013, , .		4
12	A novel charge-metering method for voltage mode neural stimulation. , 2012, , .		6
13	Towards a fully-integrated solution for capacitor-based neural stimulation. , 2012, , .		1
14	Towards an inductively coupled power/data link for bondpad-less silicon chips. , 2011, , .		5