

Song Luan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2012935/publications.pdf>

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