

Xindong Song

List of Publications by Year in descending order

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9
papers

207
citations

1684188
5
h-index

1588992
8
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11
all docs

11
docs citations

11
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	A silent two-photon imaging system for studying in vivo auditory neuronal functions. <i>Light: Science and Applications</i> , 2022, 11, 96.	16.6	8
2	Mesoscopic landscape of cortical functions revealed by through-skull wide-field optical imaging in marmoset monkeys. <i>Nature Communications</i> , 2022, 13, 2238.	12.8	9
3	Frequency discrimination in the common marmoset (<i>Callithrix jacchus</i>). <i>Hearing Research</i> , 2016, 341, 1-8.	2.0	14
4	Complex pitch perception mechanisms are shared by humans and a New World monkey. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 781-786.	7.1	57
5	The Role of Harmonic Resolvability in Pitch Perception in a Vocal Nonhuman Primate, the Common Marmoset (<i>Callithrix jacchus</i>). <i>Journal of Neuroscience</i> , 2013, 33, 9161-9168.	3.6	44
6	Effects of disinhibition on spatiotemporal pattern of neuronal first recruitment in neuronal networks. <i>Progress in Natural Science: Materials International</i> , 2009, 19, 615-621.	4.4	5
7	First-Spike Rank Order as a Reliable Indicator of Burst Initiation and Its Relation With Early-to-Fire Neurons. <i>IEEE Transactions on Biomedical Engineering</i> , 2009, 56, 1673-1682.	4.2	6
8	Microelectrode array-based system for neuropharmacological applications with cortical neurons cultured in vitro. <i>Biosensors and Bioelectronics</i> , 2007, 22, 2478-2484.	10.1	62
9	Design Proposal of Imaging Activities of Cultured Neural Network on a Silicon Substrate with Neural-Electronic-Optical Integrated Microsystem. , 2005, 2005, 7600-3.		0