

John Taylor

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

183
citations

1684188

5
h-index

1588992

8
g-index

22
all docs

22
docs citations

22
times ranked

148
citing authors

#	ARTICLE	IF	CITATIONS
1	Very Low-Noise ENG Amplifier System Using CMOS Technology. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2006, 14, 427-437.	4.9	49
2	Fibre-selective recording from the peripheral nerves of frogs using a multi-electrode cuff. Journal of Neural Engineering, 2013, 10, 036016.	3.5	46
3	The theory of velocity selective neural recording: a study based on simulation. Medical and Biological Engineering and Computing, 2012, 50, 309-318.	2.8	23
4	An implanted system for multi-site nerve cuff-based ENG recording using velocity selectivity. Analog Integrated Circuits and Signal Processing, 2009, 58, 91-104.	1.4	13
5	Design Strategies for Multi-Channel Low-Noise Recording Systems. , 2007, , .		7
6	A low-noise front-end for multiplexed ENG recording using CMOS technology. Analog Integrated Circuits and Signal Processing, 2011, 68, 163-174.	1.4	7
7	A summary of the theory of velocity selective neural recording. , 2011, 2011, 4649-52.		5
8	Improved harmonic analysis of RC-active phase shift oscillators. , 2008, , .		4
9	An implantable system for the in vivo measurement of Hip and Knee migration and micromotion. , 2008, , .		4
10	An implantable electronic system for in-vivo stability evaluation of prosthesis in Total Hip and Knee Arthroplasty. , 2009, , .		4
11	A Summary of Current and New Methods in Velocity Selective Recording (VSR) of Electroneurogram (ENG). , 2015, , .		4
12	Some Recent Developments in the Design of Biopotential Amplifiers for ENG Recording Systems. , 2006, , .		3
13	Signal processing for velocity selective recording systems using analogue delay lines. , 2012, , .		3
14	Re-oxidation mechanism and kinetics of fine scale Ti-Magn ²⁺ li phases in fibre form using thermo-gravimetric analysis. Journal of Materials Science, 2014, 49, 7597-7603.	3.7	3
15	An implantable ENG detector with in-system velocity selective recording (VSR) capability. Medical and Biological Engineering and Computing, 2017, 55, 885-895.	2.8	3
16	A low noise front-end for multiplexed ENG recording using CMOS technology. , 2008, , .		2
17	A dataset of action potentials recorded from the L5 dorsal rootlet of rat using a multiple electrode array. Data in Brief, 2020, 33, 106561.	1.0	2
18	Delay-line-based signal processing ASIC for velocity selective nerve recording. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Harmonic analysis of RC-active phase shift oscillators. , 2008, , .		0
20	Velocity-Selective Recording from Frog Nerve Using a Multi-Contact Cuff Electrode. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0
21	The Design of a Low Noise, Multi-Channel Recording System for Use in Implanted Peripheral Nerve Interfaces. Sensors, 2022, 22, 3450.	3.8	0
22	Resilience of Neural Electronics to High Magnetic Fields. Journal of Electronic Materials, 0, , .	2.2	0