

Anil Maybhate

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

641
citations

933447

10
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

578
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of synchronization and adaptive control in parameter estimation from a time series. Physical Review E, 1999, 59, 284-293.	2.1	106
2	Multi-limb acquisition of motor evoked potentials and its application in spinal cord injury. Journal of Neuroscience Methods, 2010, 193, 210-216.	2.5	79
3	Slope analysis of somatosensory evoked potentials in spinal cord injury for detecting contusion injury and focal demyelination. Journal of Clinical Neuroscience, 2010, 17, 1159-1164.	1.5	75
4	Evoked potential and behavioral outcomes for experimental autoimmune encephalomyelitis in Lewis rats. Neurological Sciences, 2010, 31, 595-601.	1.9	65
5	Potential long-term benefits of acute hypothermia after spinal cord injury. Critical Care Medicine, 2012, 40, 573-579.	0.9	63
6	Dynamic algorithm for parameter estimation and its applications. Physical Review E, 2000, 61, 6461-6470.	2.1	53
7	Electrophysiological evaluation of sensory and motor pathways after incomplete unilateral spinal cord contusion. Journal of Neurosurgery: Spine, 2012, 16, 414-423.	1.7	50
8	Multiscale Entropy Analysis of EEG for Assessment of Post-Cardiac Arrest Neurological Recovery Under Hypothermia in Rats. IEEE Transactions on Biomedical Engineering, 2009, 56, 1023-1031.	4.2	45
9	Quantitative assessment of somatosensory-evoked potentials after cardiac arrest in rats: Prognostication of functional outcomes*. Critical Care Medicine, 2010, 38, 1709-1717.	0.9	38
10	Enhancement of Bilateral Cortical Somatosensory Evoked Potentials to Intact Forelimb Stimulation Following Thoracic Contusion Spinal Cord Injury in Rats. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2014, 22, 953-964.	4.9	29
11	Plasticity associated changes in cortical somatosensory evoked potentials following spinal cord injury in rats. , 2011, 2011, 2005-8.		14
12	Detection of Repolarization Alternans With an Implantable Cardioverter Defibrillator Lead in a Porcine Model. IEEE Transactions on Biomedical Engineering, 2005, 52, 1188-1194.	4.2	10
13	Assessing Thalamocortical Functional Connectivity With Granger Causality. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2013, 21, 725-733.	4.9	6
14	Characterization of neurologic injury using novel morphological analysis of Somatosensory Evoked Potentials. , 2010, 2010, 2798-801.		3
15	Effect of hypothermia on cortical and thalamic signals in anesthetized rats. , 2013, 2013, 6317-20.		2
16	The Do-It-Yourself Electrocardiogram. Biomedical Engineering Education, 2022, 2, 83-90.	0.7	2
17	Effect of hypothermia on the thalamocortical function in the rat model. , 2012, 2012, 4680-3.		1
18	Granger causality analysis reveals the changes of thalamocortical functionality after cardiac arrest induced hypoxic-ischemic injury. , 2012, , .		0