Ikuhiro Yamaguchi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8558043/publications.pdf

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17	164	1478280 6	1199470 12
papers	citations	h-index	g-index

18	18	18	177
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Drinking Levels and Profiles of Alcohol Addicted Rats Predict Response to Nalmefene. Frontiers in Pharmacology, 2019, 10, 471.	1.6	16
2	Suppression of Macroscopic Oscillations in Mixed Populations of Active and Inactive Oscillators Coupled through Lattice Laplacian. Journal of the Physical Society of Japan, 2019, 88, 054004.	0.7	2
3	Measurement of salivary alpha-amylase to support person-centered care for individuals with dementia. , 2019, , .		0
4	Evaluation of heuristic reductions of a model for the segmentation clock in zebrafish. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 271-279.	0.8	1
5	Markov modeling of sleep stage transitions and ultradian REM sleep rhythm. Physiological Measurement, 2018, 39, 084005.	1.2	10
6	A Robust Method with High Time Resolution for Estimating the Cortico-Thalamo-Cortical Loop Strength and the Delay when Using a Scalp Electroencephalography Applied to the Wake-Sleep Transition. Methods of Information in Medicine, 2018, 57, 122-128.	0.7	3
7	Deriving theoretical phase locking values of a coupled cortico-thalamic neural mass model using center manifold reduction. Journal of Computational Neuroscience, 2017, 42, 231-243.	0.6	1
8	Estimating the parameters of neural mass models including time delay and nonlinearity using a particle filter: a preliminary study toward modelâ€based <scp>EEG</scp> analysis. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, 899-906.	0.8	3
9	Dynamical state transitions into addictive behaviour and their early-warning signals. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170882.	1.2	14
10	Spectral analysis method for sleep-state cycle based on the cortico-thalamo-cortical loop strength estimation. , 2017, , .		1
11	Derivation of Experimental Phase Response Curves of a Delay-induced Oscillation Composed with an Electrical Circuit. IEEJ Transactions on Electronics, Information and Systems, 2015, 135, 819-825.	0.1	0
12	Linear Analysis of the Corticothalamic Model with Time Delay. Electronics and Communications in Japan, 2014, 97, 32-44.	0.3	5
13	Population dynamics of the modified theta model: macroscopic phase reduction and bifurcation analysis link microscopic neuronal interactions to macroscopic gamma oscillation. Journal of the Royal Society Interface, 2014, 11, 20140058.	1.5	39
14	Adjoint Method Provides Phase Response Functions for Delay-Induced Oscillations. Physical Review Letters, 2012, 109, 044101.	2.9	47
15	Linear Analysis of the Corticothalamic Model with Time Delay. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 1787-1797.	0.1	1
16	Corticothalamic Model with Time Delay Reduced to a Real Ginzburg-Landau Equation. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 1563-1574.	0.1	1
17	Reduction Theories Elucidate the Origins of Complex Biological Rhythms Generated by Interacting Delay-Induced Oscillations. PLoS ONE, 2011, 6, e26497.	1.1	20