

Kensuke Arai

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

336
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

312
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Time Point Process Filter for Multidimensional Decoding Problems Using Mixture Models. <i>Journal of Neuroscience Methods</i> , 2021, 348, 109006.	2.5	10
2	Phase reduction and synchronization of a network of coupled dynamical elements exhibiting collective oscillations. <i>Chaos</i> , 2018, 28, 045103.	2.5	18
3	A common goodness-of-fit framework for neural population models using marked point process time-rescaling. <i>Journal of Computational Neuroscience</i> , 2018, 45, 147-162.	1.0	5
4	Inferring oscillatory modulation in neural spike trains. <i>PLoS Computational Biology</i> , 2017, 13, e1005596.	3.2	7
5	A β Oscillation Code for Neuronal Coordination during Motor Behavior. <i>Journal of Neuroscience</i> , 2013, 33, 18515-18530.	3.6	72
6	Optimal phase response curves for stochastic synchronization of limit-cycle oscillators by common Poisson noise. <i>Physical Review E</i> , 2011, 84, 016229.	2.1	20
7	Averaging approach to phase coherence of uncoupled limit-cycle oscillators receiving common random impulses. <i>Physical Review E</i> , 2008, 78, 066220.	2.1	5
8	Phase coherence in an ensemble of uncoupled limit-cycle oscillators receiving common Poisson impulses. <i>Physical Review E</i> , 2008, 77, 036218.	2.1	34
9	Noise-Induced Synchronization and Clustering in Ensembles of Uncoupled Limit-Cycle Oscillators. <i>Physical Review Letters</i> , 2007, 98, 184101.	7.8	159
10	Reproducibility of a Noisy Limit-Cycle Oscillator Induced by a Fluctuating Input. <i>Progress of Theoretical Physics Supplement</i> , 2006, 161, 294-297.	0.1	6