

Takanobu Yamanobe

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

336
citations

1307594

7
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1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive responses of periarculate pursuit neurons to visual target motion. <i>Experimental Brain Research</i> , 2002, 145, 104-120.	1.5	129
2	Coding of smooth eye movements in three-dimensional space by frontal cortex. <i>Nature</i> , 2002, 419, 157-162.	27.8	91
3	Purkinje Cells of the Cerebellar Dorsal Vermis: Simple-Spike Activity During Pursuit and Passive Whole-Body Rotation. <i>Journal of Neurophysiology</i> , 2002, 87, 1836-1849.	1.8	45
4	Adaptive changes in smooth pursuit eye movements induced by cross-axis pursuit-vestibular interaction training in monkeys. <i>Experimental Brain Research</i> , 2001, 139, 473-481.	1.5	19
5	Response of a pacemaker neuron model to stochastic pulse trains. <i>Biological Cybernetics</i> , 2002, 86, 155-166.	1.3	16
6	Role of the frontal eye fields in smooth-gaze tracking. <i>Progress in Brain Research</i> , 2004, 143, 391-401.	1.4	13
7	Analysis of the response of a pacemaker neuron model to transient inputs. <i>BioSystems</i> , 1998, 48, 287-295.	2.0	9
8	Stochastic phase transition operator. <i>Physical Review E</i> , 2011, 84, 011924.	2.1	5
9	On the behavior of mRIC a simple model of living pacemakers driven by periodic pulse trains. <i>BioSystems</i> , 1997, 40, 169-176.	2.0	4
10	Global dynamics of a stochastic neuronal oscillator. <i>Physical Review E</i> , 2013, 88, 052709.	2.1	3
11	Rate coding in a chain of pulse-coupled oscillators. <i>Physical Review E</i> , 1999, 60, 4564-4570.	2.1	1
12	1P276 The dependence of the current firing rate of a neuron model on the input and the model parameters(24. Mathematical biology,Poster,The 52nd Annual Meeting of the Biophysical Society of Tj ETQq0 0 0 ggBT /Overdock 10 Tf		
13	Asymptotic expansion of a nonlinear oscillator with a jump-diffusion process. <i>Japan Journal of Industrial and Applied Mathematics</i> , 2018, 35, 969-1004.	0.9	0