Minoru Saito

List of Publications by Year
in descending order

13 papers	138 citations	1684188 5 h-index	1281871 11 g-index
13 all docs	13 docs citations	13 times ranked	155 citing authors

#	Article	IF	Citations
1	Quantifying scaling exponents for neurite morphology of in vitro-cultured human iPSC-derived neurons using discrete Loewner evolution: A statisticalâ˜physical approach to the neuropathology in Alzheimer's disease. Chaos, 2021, 31, 073140.	2.5	3
2	Non-Equilibrium Entropy and Irreversibility in Generalized Stochastic Loewner Evolution from an Information-Theoretic Perspective. Entropy, 2021, 23, 1098.	2.2	3
3	Epicatechin increases the persistence of long-term memory formed by conditioned taste aversion in Lymnaea. Journal of Experimental Biology, 2021, 224, .	1.7	6
4	Loewner driving force of the interface in the 2-dimensional Ising system as a chaotic dynamical system. Chaos, 2020, 30, 113130.	2.5	7
5	Loewner Evolution Driven by One-dimensional Chaotic Maps. Journal of the Physical Society of Japan, 2020, 89, 054801.	1.6	4
6	Entropy Flux in Stochastic and Chaotic Loewner Evolutions. Journal of the Physical Society of Japan, 2020, 89, 113801.	1.6	3
7	Loewner Equation with Chaotic Driving Function Describes Neurite Outgrowth Mechanism. Journal of the Physical Society of Japan, 2019, 88, 063801.	1.6	6
8	Nitric Oxide-Mediated Modulation of Central Network Dynamics during Olfactory Perception. PLoS ONE, 2015, 10, e0136846.	2.5	7
9	Various Firing Patterns Found in a Giant Neuron of the Pond SnailLymnaea stagnalisand Their Dynamics. Journal of the Physical Society of Japan, 2013, 82, 034801.	1.6	1
10	Corticosterone Induces Rapid Spinogenesis via Synaptic Glucocorticoid Receptors and Kinase Networks in Hippocampus. PLoS ONE, 2012, 7, e34124.	2.5	56
11	Acute effect of corticosterone on N-methyl-d-aspartate receptor-mediated Ca2+ elevation in mouse hippocampal slices. Biochemical and Biophysical Research Communications, 2004, 321, 510-513.	2.1	42
12	Green Tea-Derived Catechins Have Beneficial Effects on Cognition in the Pond Snail. , 0, , .		0
13	Spatiotemporal Neural Activities Involved in the Olfactory Processing of the Land Slug using Fluorescent-Imaging Technique. , 0, , .		0