

Yoash Shapira

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

619
citations

1039406

9
h-index

1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

617
citing authors

#	ARTICLE	IF	CITATIONS
1	Long Term Behavior of Lithographically Prepared In Vitro Neuronal Networks. Physical Review Letters, 2002, 88, 118102.	2.9	186
2	Observations and modeling of synchronized bursting in two-dimensional neural networks. Physical Review E, 2001, 64, 011920.	0.8	110
3	Formation of Electrically Active Clusterized Neural Networks. Physical Review Letters, 2003, 90, 168101.	2.9	80
4	Detection and Sorting of Neural Spikes Using Wavelet Packets. Physical Review Letters, 2000, 85, 4637-4640.	2.9	71
5	Index Cohesive Force Analysis Reveals That the US Market Became Prone to Systemic Collapses Since 2002. PLoS ONE, 2011, 6, e19378.	1.1	61
6	Self-Regulated Complexity in Cultured Neuronal Networks. Physical Review Letters, 2004, 92, 198105.	2.9	36
7	The Dynamics of Wealth Inequality and the Effect of Income Distribution. PLoS ONE, 2016, 11, e0154196.	1.1	34
8	Modelling the short term herding behaviour of stock markets. New Journal of Physics, 2014, 16, 053040.	1.2	20
9	Modeling the Origin and Possible Control of the Wealth Inequality Surge. PLoS ONE, 2015, 10, e0130181.	1.1	10
10	Revisiting "The asymptotic dynamics of wealth inequality. Physica A: Statistical Mechanics and Its Applications, 2017, 467, 562-572.	1.2	6
11	Communication-based regulated freedom of response in bacterial colonies. Physica A: Statistical Mechanics and Its Applications, 2003, 330, 218-231.	1.2	2
12	Analyzing the Long Term Cohesive Effect of Sector Specific Driving Forces. PLoS ONE, 2016, 11, e0152487.	1.1	2
13	Unraveling Hidden Order in the Dynamics of Developed and Emerging Markets. PLoS ONE, 2014, 9, e112427.	1.1	1
14	Analytical study of index-coupled herd behavior in financial markets. Europhysics Letters, 2016, 116, 58003.	0.7	0