Hua-Wei Fan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1294279/publications.pdf

Version: 2024-02-01

19	375	933447 10	794594 19
papers	citations	h-index	g-index

19	19	19	233
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Long-term prediction of chaotic systems with machine learning. Physical Review Research, 2020, 2, .	3.6	92
2	Machine learning prediction of critical transition and system collapse. Physical Review Research, 2021, 3, .	3.6	60
3	Anticipating synchronization with machine learning. Physical Review Research, 2021, 3, .	3.6	32
4	Deformations of the spin currents by topological screw dislocation and cosmic dispiration. Annals of Physics, 2015, 362, 327-335.	2.8	27
5	Controlling synchronous patterns in complex networks. Physical Review E, 2016, 93, 042209.	2.1	27
6	Autapses promote synchronization in neuronal networks. Scientific Reports, 2018, 8, 580.	3.3	20
7	Cluster synchronization in networked nonidentical chaotic oscillators. Chaos, 2019, 29, 093118.	2.5	15
8	Emergence of transient chaos and intermittency in machine learning. Journal of Physics Complexity, 2021, 2, 035014.	2.2	15
9	Growth, collapse and self-organized criticality in complex networks. Scientific Reports, 2016, 6, 24445.	3.3	13
10	Learning Hamiltonian dynamics with reservoir computing. Physical Review E, 2021, 104, 024205.	2.1	12
11	Enhancing network synchronization by phase modulation. Physical Review E, 2018, 98, 012212.	2.1	11
12	Hall Conductivity in the Cosmic Defect and Dislocation Spacetime. Chinese Physics Letters, 2016, 33, 100401.	3.3	9
13	Synchronization within synchronization: transients and intermittency in ecological networks. National Science Review, 2021, 8, nwaa269.	9.5	9
14	Transfer learning of chaotic systems. Chaos, 2021, 31, 011104.	2.5	9
15	Criticality in reservoir computer of coupled phase oscillators. Physical Review E, 2022, 105, .	2.1	6
16	Chaos synchronization with dual-channel time-delayed couplings. Science China Technological Sciences, 2016, 59, 428-435.	4.0	5
17	Pinning control of cluster synchronization in regular networks. Physical Review Research, 2020, 2, .	3.6	5
18	Learning the dynamics of coupled oscillators from transients. Physical Review Research, 2022, 4, .	3.6	5

#	Article	IF	Citations
19	Enhancing network synchronizability by strengthening a single node. Physical Review E, 2019, 99, 042305.	2.1	3