

Hua-Wei Fan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

375
citations

933447

10
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

233
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning the dynamics of coupled oscillators from transients. <i>Physical Review Research</i> , 2022, 4, .	3.6	5
2	Criticality in reservoir computer of coupled phase oscillators. <i>Physical Review E</i> , 2022, 105, .	2.1	6
3	Synchronization within synchronization: transients and intermittency in ecological networks. <i>National Science Review</i> , 2021, 8, nwa269.	9.5	9
4	Transfer learning of chaotic systems. <i>Chaos</i> , 2021, 31, 011104.	2.5	9
5	Anticipating synchronization with machine learning. <i>Physical Review Research</i> , 2021, 3, .	3.6	32
6	Emergence of transient chaos and intermittency in machine learning. <i>Journal of Physics Complexity</i> , 2021, 2, 035014.	2.2	15
7	Learning Hamiltonian dynamics with reservoir computing. <i>Physical Review E</i> , 2021, 104, 024205.	2.1	12
8	Machine learning prediction of critical transition and system collapse. <i>Physical Review Research</i> , 2021, 3, .	3.6	60
9	Long-term prediction of chaotic systems with machine learning. <i>Physical Review Research</i> , 2020, 2, .	3.6	92
10	Pinning control of cluster synchronization in regular networks. <i>Physical Review Research</i> , 2020, 2, .	3.6	5
11	Cluster synchronization in networked nonidentical chaotic oscillators. <i>Chaos</i> , 2019, 29, 093118.	2.5	15
12	Enhancing network synchronizability by strengthening a single node. <i>Physical Review E</i> , 2019, 99, 042305.	2.1	3
13	Autapses promote synchronization in neuronal networks. <i>Scientific Reports</i> , 2018, 8, 580.	3.3	20
14	Enhancing network synchronization by phase modulation. <i>Physical Review E</i> , 2018, 98, 012212.	2.1	11
15	Hall Conductivity in the Cosmic Defect and Dislocation Spacetime. <i>Chinese Physics Letters</i> , 2016, 33, 100401.	3.3	9
16	Chaos synchronization with dual-channel time-delayed couplings. <i>Science China Technological Sciences</i> , 2016, 59, 428-435.	4.0	5
17	Controlling synchronous patterns in complex networks. <i>Physical Review E</i> , 2016, 93, 042209.	2.1	27
18	Growth, collapse and self-organized criticality in complex networks. <i>Scientific Reports</i> , 2016, 6, 24445.	3.3	13

#	ARTICLE	IF	CITATIONS
19	Deformations of the spin currents by topological screw dislocation and cosmic dispiration. Annals of Physics, 2015, 362, 327-335.	2.8	27