

Jian Gao

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

170
citations

1163117

8
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	Explosive or Continuous: Incoherent state determines the route to synchronization. Scientific Reports, 2015, 5, 12039.	3.3	31
2	Synchronization of phase oscillators with frequency-weighted coupling. Scientific Reports, 2016, 6, 21926.	3.3	23
3	Dynamics of phase oscillators with generalized frequency-weighted coupling. Physical Review E, 2016, 94, 062204.	2.1	22
4	Synchronization in starlike networks of phase oscillators. Physical Review E, 2019, 100, 012212.	2.1	20
5	Collective dynamics of identical phase oscillators with high-order coupling. Scientific Reports, 2016, 6, 31133.	3.3	17
6	Effects of frustration on explosive synchronization. Frontiers of Physics, 2016, 11, 1.	5.0	17
7	Order parameter analysis of synchronization transitions on star networks. Frontiers of Physics, 2017, 12, 1.	5.0	12
8	Self-consistent method and steady states of second-order oscillators. Physical Review E, 2018, 98, .	2.1	11
9	Reduction of oscillator dynamics on complex networks to dynamics on complete graphs through virtual frequencies. Physical Review E, 2020, 101, 022302.	2.1	5
10	Unexpected correspondence between noise-induced and master-slave complete synchronizations. Physical Review E, 2003, 68, 037202.	2.1	4
11	PHASE SYNCHRONIZATION IN DOUBLY DRIVEN CHAOTIC OSCILLATORS. International Journal of Modern Physics B, 2004, 18, 2945-2952.	2.0	3
12	Optimizing synchrony with a minimal coupling strength of coupled phase oscillators on complex networks based on desynchronous clustering. Physical Review E, 2022, 105, 044302.	2.1	3
13	Synchronized clusters in globally connected networks of second-order oscillators: Uncovering the role of inertia. Chaos, 2021, 31, 093137.	2.5	2
14	Collective Directional Transport of Coupled Oscillators in Symmetric Periodic Potentials. International Journal of Modern Physics B, 2003, 17, 4415-4422.	2.0	0
15	GENERALIZED SYNCHRONIZATION IN DOUBLY DRIVEN CHAOTIC SYSTEM. International Journal of Modern Physics B, 2006, 20, 3477-3485.	2.0	0