Song Zheng

List of Publications by Year
in descending order

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56 papers	1,218 citations	394421 19 h-index	377865 34 g-index
57 all docs	57 docs citations	57 times ranked	804 citing authors

#	Article	IF	Citations
1	Finite-Time Projective Synchronization and Parameter Identification of Fractional-Order Complex Networks with Unknown External Disturbances. Fractal and Fractional, 2022, 6, 298.	3.3	3
2	Reduction-consistent axisymmetric lattice Boltzmann equation method for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si21.svg"><mml:mi>N</mml:mi></mml:math>-phase fluids. Computers and Fluids, 2021, 218, 104857.	2.5	9
3	Dynamics of Fractional-Order Digital Manufacturing Supply Chain System and Its Control and Synchronization. Fractal and Fractional, 2021, 5, 128.	3.3	7
4	Chaos in fractional-order discrete neural networks with application to image encryption. Neural Networks, 2020, 125, 174-184.	5.9	169
5	Multiphase flows of N immiscible incompressible fluids: Conservative Allen-Cahn equation and lattice Boltzmann equation method. Physical Review E, 2020, 101, 013305.	2.1	16
6	Reduction-consistent phase-field lattice Boltzmann equation for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>N</mml:mi></mml:math> immiscible incompressible fluids. Physical Review E, 2020, 101, 043302.	2.1	11
7	Phase-field-theory-based lattice Boltzmann equation method for N immiscible incompressible fluids. Physical Review E, 2019, 99, 063310.	2.1	12
8	Analysis of force treatment in lattice Boltzmann equation method. International Journal of Heat and Mass Transfer, 2019, 139, 747-750.	4.8	9
9	Kinetic theory-based force analysis in lattice Boltzmann equation. International Journal of Modern Physics C, 2019, 30, 1950022.	1.7	2
10	Nonperiodically intermittent pinning synchronization of complex-valued complex networks with non-derivative and derivative coupling. Physica A: Statistical Mechanics and Its Applications, 2019, 525, 587-605.	2.6	7
11	Dynamics analysis and cryptographic application of fractional logistic map. Nonlinear Dynamics, 2019, 96, 615-636.	5.2	25
12	A kinetic theory based thermal lattice Boltzmann equation model. International Journal of Modern Physics C, 2017, 28, 1750047.	1.7	2
13	Pseudopotential lattice Boltzmann equation method for two-phase flow: A higher-order Chapmann-Enskog expansion. Physical Review E, 2017, 95, 023313.	2.1	17
14	Pinning and impulsive synchronization control of complex dynamical networks with non-derivative and derivative coupling. Journal of the Franklin Institute, 2017, 354, 6341-6363.	3.4	29
15	Analysis of force treatment in the pseudopotential lattice Boltzmann equation method. Physical Review E, 2017, 95, 043301.	2.1	17
16	Pinning Control of Lag-Consensus for Second-Order Nonlinear Multiagent Systems. IEEE Transactions on Cybernetics, 2017, 47, 2203-2211.	9.5	55
17	Synchronization analysis of complexâ€Variable chaotic systems with discontinuous unidirectional coupling. Complexity, 2016, 21, 343-355.	1.6	8
18	Intermittent impulsive projective synchronization in timeâ€varying delayed dynamical network with variable structures. Complexity, 2016, 21, 547-556.	1.6	10

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19	Multi-switching combination synchronization of three different chaotic systems via nonlinear control. Optik, 2016, 127, 10247-10258.	2.9	45
20	Modified function projective lag synchronization of uncertain complex networks with time-varying coupling strength. Optik, 2016, 127, 4716-4725.	2.9	20
21	Further results on the impulsive synchronization of uncertain complexâ€variable chaotic delayed systems. Complexity, 2016, 21, 131-142.	1.6	11
22	Synchronization analysis of time delay complex-variable chaotic systems with discontinuous coupling. Journal of the Franklin Institute, 2016, 353, 1460-1477.	3.4	27
23	Continuous surface force based lattice Boltzmann equation method for simulating thermocapillary flow. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 596-603.	2.1	24
24	Partial switched modified function projective synchronization of unknown complex nonlinear systems. Optik, 2015, 126, 3854-3858.	2.9	6
25	Impulsive complex projective synchronization in driveâ€“response complex coupled dynamical networks. Nonlinear Dynamics, 2015, 79, 147-161.	5.2	20
26	Lattice Boltzmann equation method for the Cahn-Hilliard equation. Physical Review E, 2015, 91, 013309.	2.1	33
27	Stability of uncertain impulsive complex-variable chaotic systems with time-varying delays. ISA Transactions, 2015, 58, 20-26.	5.7	13
28	Calculations of first passage time of delayed tree-like networks. International Journal of Modern Physics B, 2015, 29, 1550200.	2.0	0
29	Adaptiveâ€impulsive function projective synchronization for a class of timeâ€delay chaotic systems. Complexity, 2015, 21, 333-341.	1.6	3
30	Projective Synchronization Analysis of Drive-Response Coupled Dynamical Network with Multiple Time-Varying Delays via Impulsive Control. Abstract and Applied Analysis, 2014, 2014, 1-10.	0.7	4
31	Weak Projective Synchronization in Drive-Response Dynamical Networks with Time-Varying Delay and Parameter Mismatch. Journal of Applied Mathematics, 2014, 2014, 1-8.	0.9	1
32	Adaptive Impulsive Observer for Outer Synchronization of Delayed Complex Dynamical Networks with Output Coupling. Journal of Applied Mathematics, 2014, 2014, 1-11.	0.9	3
33	Mixed outer synchronization of dynamical networks with nonidentical nodes and output coupling. Nonlinear Dynamics, 2013, 73, 2343-2352.	5.2	16
34	Parameter identification and adaptive impulsive synchronization of uncertain complex-variable chaotic systems. Nonlinear Dynamics, 2013, 74, 957-967.	5.2	23
35	Impulsive synchronization of bidirectionally coupled chaotic systems. Physica Scripta, 2013, 88, 035004.	2.5	2
36	Adaptive function projective synchronization of uncertain complex dynamical networks with disturbance. Chinese Physics B, 2013, 22, 070503.	1.4	9

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37	Adaptive-Impulsive Control of the Projective Synchronization in Drive-Response Complex Dynamical Networks with Time-Varying Coupling. Mathematical Problems in Engineering, 2012, 2012, 1-12.	1.1	3
38	Exponential synchronization of two nonlinearly non-delayed and delayed coupled complex dynamical networks. Physica Scripta, 2012, 85, 015003.	2.5	11
39	Analyzing projective synchronization on different scaling factors in a drive-response coupling dynamical network with time-varying delays. Nonlinear Dynamics, 2012, 70, 709-719.	5.2	4
40	Impulsive consensus in directed networks of identical nonlinear oscillators with switching topologies. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 378-387.	3.3	33
41	Projective synchronization in a driven-response dynamical network with coupling time-varying delay. Nonlinear Dynamics, 2012, 69, 1429-1438.	5.2	10
42	Adaptive modified function projective synchronization of unknown chaotic systems with different order. Applied Mathematics and Computation, 2012, 218, 5891-5899.	2.2	36
43	A novel criterion for cluster synchronization of complex dynamical networks with coupling time-varying delays. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 2997-3004.	3.3	44
44	Adaptive-impulsive projective synchronization of drive-response delayed complex dynamical networks with time-varying coupling. Nonlinear Dynamics, 2012, 67, 2621-2630.	5.2	47
45	Adaptive synchronization of two nonlinearly coupled complex dynamical networks with delayed coupling. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 284-291.	3.3	75
46	Synchronization analysis of complex dynamical networks with delayed and non-delayed coupling based on pinning control. Physica Scripta, 2011, 84, 025008.	2.5	12
47	Bifurcations and fast-slow behaviors in a hyperchaotic dynamical system. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 1998-2005.	3.3	17
48	Adaptive modified function projective synchronization of hyperchaotic systems with unknown parameters. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 3547-3556.	3.3	41
49	A new hyperchaotic system and its synchronization. Applied Mathematics and Computation, 2010, 215, 3192-3200.	2.2	40
50	SUDDEN OCCURRENCE OF CHAOS-II IN NONSMOOTH MAPS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 4159-4174.	1.7	1
51	Adaptive projective synchronization in complex networks with time-varying coupling delay. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 1553-1559.	2.1	94
52	The analysis of a novel 3-D autonomous system and circuit implementation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 4227-4238.	2.1	7
53	Impulsive synchronization of complex networks with non-delayed and delayed coupling. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 4255-4259.	2.1	72
54	Impulsive stabilization and synchronization of uncertain financial hyperchaotic systems. Kybernetika, 0, , 241-257.	0.0	3

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55	Stability analysis of uncertain complex-variable delayed nonlinear systems via intermittent control with multiple switched periods. Kybernetika, 0, , 937-957.	0.0	0
56	ExponentialÂstability via aperiodically intermittent control of complex-variable time delayed chaotic systems. Kybernetika, 0, , 753-766.	0.0	0