Sitian Qin

List of Publications by Year
in descending order

66 papers	1,112 citations	361296 20 h-index	414303 32 g-index
67 all docs	67 docs citations	67 times ranked	538 citing authors

#	Article	IF	Citations
1	A Two-Layer Recurrent Neural Network for Nonsmooth Convex Optimization Problems. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1149-1160.	7.2	102
2	A One-Layer Recurrent Neural Network for Pseudoconvex Optimization Problems With Equality and Inequality Constraints. IEEE Transactions on Cybernetics, 2017, 47, 3063-3074.	6.2	99
3	A Neurodynamic Optimization Approach to Bilevel Quadratic Programming. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2580-2591.	7.2	66
4	Global exponential stability of almost periodic solution of delayed neural networks with discontinuous activations. Information Sciences, 2013, 220, 367-378.	4.0	62
5	A neurodynamic approach to nonlinear optimization problems with affine equality and convex inequality constraints. Neural Networks, 2019, 109, 147-158.	3.3	61
6	A One-Layer Recurrent Neural Network for Constrained Complex-Variable Convex Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 534-544.	7.2	51
7	Neural network for nonsmooth pseudoconvex optimization with general convex constraints. Neural Networks, 2018, 101, 1-14.	3.3	44
8	A Novel Neurodynamic Approach to Constrained Complex-Variable Pseudoconvex Optimization. IEEE Transactions on Cybernetics, 2019, 49, 3946-3956.	6.2	40
9	Global Exponential Stability and Global Convergence in Finite Time of Neural Networks with Discontinuous Activations. Neural Processing Letters, 2009, 29, 189-204.	2.0	32
10	Convergence and attractivity of memristor-based cellular neural networks with time delays. Neural Networks, 2015, 63, 223-233.	3.3	31
11	A recurrent neural network with finite-time convergence for convex quadratic bilevel programming problems. Neural Computing and Applications, 2018, 30, 3399-3408.	3.2	30
12	A new one-layer recurrent neural network for nonsmooth pseudoconvex optimization. Neurocomputing, 2013, 120, 655-662.	3.5	28
13	A generalized neural network for distributed nonsmooth optimization with inequality constraint. Neural Networks, 2019, 119, 46-56.	3.3	28
14	Neural network for constrained nonsmooth optimization using Tikhonov regularization. Neural Networks, 2015, 63, 272-281.	3.3	25
15	Complex Zhang neural networks for complex-variable dynamic quadratic programming. Neurocomputing, 2019, 330, 56-69.	3.5	24
16	Exponential Stability of Periodic Solution for Impulsive Memristor-Based Cohen–Grossberg Neural Networks with Mixed Delays. International Journal of Pattern Recognition and Artificial Intelligence, 2017, 31, 1750022.	0.7	23
17	A continuous-time neurodynamic approach and its discretization for distributed convex optimization over multi-agent systems. Neural Networks, 2021, 143, 52-65.	3.3	23
18	A penalty-like neurodynamic approach to constrained nonsmooth distributed convex optimization. Neurocomputing, 2020, 377, 225-233.	3.5	22

#	ARTICLE	IF	CITATIONS
19	Multistability of Almost Periodic Solution for Memristive Cohen-Grossberg Neural Networks With Mixed Delays. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1914-1926.	7.2	21
20	A neurodynamic approach to nonsmooth constrained pseudoconvex optimization problem. Neural Networks, 2020, 124, 180-192.	3.3	21
21	Continuous-Time Algorithm for Approximate Distributed Optimization With Affine Equality and Convex Inequality Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5809-5818.	5.9	20
22	A one-layer recurrent neural network for nonsmooth pseudoconvex optimization with quasiconvex inequality and affine equality constraints. Neural Networks, 2022, 147, 1-9.	3.3	20
23	Aperiodically intermittent control for exponential bipartite synchronization of delayed signed networks with multi-links. Chaos, 2020, 30, 033110.	1.0	19
24	A neurodynamic approach to convex optimization problems with general constraint. Neural Networks, 2016, 84, 113-124.	3.3	17
25	Dynamical Analysis of Neural Networks of Subgradient System. IEEE Transactions on Automatic Control, 2010, 55, 2347-2352.	3.6	16
26	Global exponential stability of uncertain neural networks with discontinuous Lurie-type activation and mixed delays. Neurocomputing, 2016, 198, 12-19.	3.5	16
27	Exponential stability of periodic solution for a memristor-based inertial neural network with time delays. Neural Computing and Applications, 2020, 32, 3265-3281.	3.2	16
28	A second-order accelerated neurodynamic approach for distributed convex optimization. Neural Networks, 2022, 146, 161-173.	3.3	16
29	Convergence analysis for second-order interval Cohen–Grossberg neural networks. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 2747-2757.	1.7	15
30	An Adaptive Continuous-Time Algorithm for Nonsmooth Convex Resource Allocation Optimization. IEEE Transactions on Automatic Control, 2022, 67, 6038-6044.	3.6	11
31	A simplified recurrent neural network for pseudoconvex optimization subject to linear equality constraints. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 789-798.	1.7	10
32	Global exponential stability of uncertain memristor-based recurrent neural networks with mixed time delays. International Journal of Machine Learning and Cybernetics, 2019, 10, 743-755.	2.3	10
33	Exponential Stabilization of Memristor-based Recurrent Neural Networks with Disturbance and Mixed Time Delays via Periodically Intermittent Control. International Journal of Control, Automation and Systems, 2021, 19, 2284-2296.	1.6	10
34	Dynamical behavior of a class of nonsmooth gradient-like systems. Neurocomputing, 2010, 73, 2632-2641.	3.5	9
35	An inverse-free Zhang neural dynamic for time-varying convex optimization problems with equality and affine inequality constraints. Neurocomputing, 2020, 412, 152-166.	3.5	9
36	Periodic solutions for nonlinear differential inclusions with multivalued perturbations. Journal of Mathematical Analysis and Applications, 2015, 424, 988-1005.	0.5	8

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37	Exponential bipartite synchronization of delayed coupled systems over signed graphs with Markovian switching via intermittent control. Journal of the Franklin Institute, 2021, 358, 2060-2085.	1.9	7
38	Global Robust Exponential Stability for Interval Delayed Neural Networks with Possibly Unbounded Activation Functions. Neural Processing Letters, 2014, 40, 35-50.	2.0	6
39	A projection-based continuous-time algorithm for distributed optimization over multi-agent systems. Complex & Intelligent Systems, 2022, 8, 719-729.	4.0	6
40	A power reformulation continuous-time algorithm for nonconvex distributed constrained optimization over multi-agent systems. Neurocomputing, 2021, 449, 258-269.	3.5	5
41	A subgradient-based continuous-time algorithm for constrained distributed quadratic programming. Journal of the Franklin Institute, 2020, 357, 5570-5590.	1.9	4
42	A nonautonomous-differential-inclusion neurodynamic approach for nonsmooth distributed optimization on multi-agent systems. Neural Computing and Applications, 2021, 33, 13909-13920.	3.2	4
43	An adaptive penalty-like continuous-time algorithm to constrained distributed convex optimization. Journal of the Franklin Institute, 2022, 359, 3692-3716.	1.9	4
44	Evolution inclusions with Clarke subdifferential type in Hilbert space. Mathematical and Computer Modelling, 2010, 51, 550-561.	2.0	3
45	Neural networks with finite-time convergence for solving time-varying linear complementarity problem. Neurocomputing, 2021, 439, 146-158.	3.5	3
46	Global asymptotic stability of anti-periodic solution for impulsive Cohen-Grossberg neural networks with multiple delays. , 2016, , .		2
47	Global robust exponential stability of complex-valued Cohen-Grossberg neural networks with mixed delays. , 2016, , .		2
48	A Neural Network for Constrained Fuzzy Convex Optimization Problems. , 2019, , .		2
49	Distributed neurodynamic approaches to nonsmooth optimization problems with inequality and set constraints. Complex & Intelligent Systems, 2022, 8, 5511-5530.	4.0	2
50	Exponential stability of interval Cohen-Grossberg neural networks with inverse Lipschitz activation and mixed delays. , 2014, , .		1
51	A neurodynamic approach to compute the generalized eigenvalues of symmetric positive matrix pair. Neurocomputing, 2019, 359, 420-426.	3.5	1
52	A Delayed Neural Network for Solving a Class of Constrained Pseudoconvex Optimizations. , 2019, , .		1
53	Global exponential stability of periodic solution of delayed discontinuous Cohen–Grossberg neural networks and its applications. International Journal of Nonlinear Sciences and Numerical Simulation, 2021, .	0.4	1
54	Neurodynamic algorithms for constrained distributed convex optimization over fixed or switching topology with time-varying communication delay. Neural Computing and Applications, 2022, 34, 17761-17781.	3.2	1

#	Article	IF	Citations
55	A Neurodynamic Approach to Nonsmooth Quaternion Distributed Convex Optimization With Inequality and Affine Equality Constraints. IEEE Access, 2022, 10, 61795-61807.	2.6	1
56	A projection neural network for training support vector machines. , 2016, , .		0
57	The LaSalle theorem for coupled systems of differential equations. , 2017, , .		0
58	Intermittent control of memristor-based recurrent neural networks with time-varying delays. , 2017, , .		0
59	An Artificial Neural Network for Distributed Constrained Optimization. Lecture Notes in Computer Science, 2018, , 430-441.	1.0	0
60	Recurrent neural network for complex-variable pseudoconvex optimization with equality constraints. , 2018, , .		0
61	A Gradient-Descent Neurodynamic Approach for Distributed Linear Programming. Lecture Notes in Computer Science, 2019, , 45-53.	1.0	0
62	Distributed Optimization Over Directed Graphs with Continuous-Time Algorithm. , 2019, , .		0
63	An Efficient Neurodynamic Approach to Fuzzy Chance-constrained Programming. International Journal on Artificial Intelligence Tools, 2021, 30, 2140001.	0.7	0
64	Distributed Network Flow to Solve Constrained Linear Matrix Equation. , 2021, , .		0
65	A Neural Network for Distributed Optimization over Multiagent Networks. Lecture Notes in Computer Science, 2020, , 85-95.	1.0	0
66	A subgradient-based neural network to constrained distributed convex optimization. Neural Computing and Applications, 0, , 1.	3.2	0