Aouiti Chaouki

List of Publications by Year
in descending order

96 papers	1,936 citations	257357 24 h-index	330025 37 g-index
96 all docs	96 docs citations	96 times ranked	563 citing authors

#	Article	IF	Citations
1	Finite-time and fixed-time synchronization of a class of inertial neural networks with multi-proportional delays and its application to secure communication. Neurocomputing, 2019, 332, 29-43.	3.5	163
2	Existence and global exponential stability of pseudo almost periodic solution for neutral delay BAM neural networks with time-varying delay in leakage terms. Chaos, Solitons and Fractals, 2018, 107, 111-127.	2.5	69
3	Oscillation of impulsive neutral delay generalized high-order Hopfield neural networks. Neural Computing and Applications, 2018, 29, 477-495.	3.2	66
4	Pseudo Almost Automorphic Solutions of Recurrent Neural Networks with Time-Varying Coefficients and Mixed Delays. Neural Processing Letters, 2017, 45, 121-140.	2.0	63
5	Neutral impulsive shunting inhibitory cellular neural networks with time-varying coefficients and leakage delays. Cognitive Neurodynamics, 2016, 10, 573-591.	2.3	60
6	Finite time boundedness of neutral high-order Hopfield neural networks with time delay in the leakage term and mixed time delays. Neurocomputing, 2017, 260, 378-392.	3.5	52
7	Piecewise Pseudo Almost Periodic Solution for Impulsive Generalised High-Order Hopfield Neural Networks with Leakage Delays. Neural Processing Letters, 2017, 45, 615-648.	2.0	47
8	Dynamics and oscillations of generalized high-order Hopfield neural networks with mixed delays. Neurocomputing, 2018, 321, 274-295.	3.5	41
9	A further study on bifurcation for fractional order BAM neural networks with multiple delays. Neurocomputing, 2020, 417, 501-515.	3.5	41
10	Finite-time synchronization for Cohen–Grossberg neural networks with mixed time-delays. Neurocomputing, 2018, 294, 39-47.	3.5	38
11	Weighted pseudo almost-periodic solutions of shunting inhibitory cellular neural networks with mixed delays. Acta Mathematica Scientia, 2016, 36, 1662-1682.	0.5	37
12	Nonlinear Lipschitz measure and adaptive control for stability and synchronization in delayed inertial Cohen–Grossberg–type neural networks. International Journal of Adaptive Control and Signal Processing, 2019, 33, 1457-1477.	2.3	37
13	Fixed-time stabilization of fuzzy neutral-type inertial neural networks with time-varying delay. Fuzzy Sets and Systems, 2021, 411, 48-67.	1.6	37
14	Further investigation on bifurcation and their control of fractional–order bidirectional associative memory neural networks involving four neurons and multiple delays. Mathematical Methods in the Applied Sciences, 2023, 46, 3091-3114.	1.2	37
15	Existence and exponential stability of piecewise pseudo almost periodic solution of neutral-type inertial neural networks with mixed delay and impulsive perturbations. Neurocomputing, 2019, 357, 292-309.	3.5	35
16	New Results on Impulsive Cohen–Grossberg Neural Networks. Neural Processing Letters, 2019, 49, 1459-1483.	2.0	34
17	Finite-Time and Fixed-Time Synchronization of Inertial Cohen–Grossberg-Type Neural Networks with Time Varying Delays. Neural Processing Letters, 2019, 50, 2407-2436.	2.0	33
18	Finite-Time and Fixed-Time Synchronization of Complex-Valued Recurrent Neural Networks with Discontinuous Activations and Time-Varying Delays. Circuits, Systems, and Signal Processing, 2020, 39, 5406-5428.	1.2	33

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19	Finite-Time and Fixed-Time Synchronization of Inertial Neural Networks with Mixed Delays. Journal of Systems Science and Complexity, 2021, 34, 206-235.	1.6	33
20	Further exploration on bifurcation of fractional-order six-neuron bi-directional associative memory neural networks with multi-delays. Applied Mathematics and Computation, 2021, 410, 126458.	1.4	31
21	Dynamics of impulsive neutral-type BAM neural networks. Journal of the Franklin Institute, 2019, 356, 2294-2324.	1.9	30
22	The design of beta basis function neural network and beta fuzzy systems by a hierarchical genetic algorithm. Fuzzy Sets and Systems, 2005, 154, 251-274.	1.6	28
23	Stability Analysis for a Class of Impulsive Bidirectional Associative Memory (BAM) Neural Networks with Distributed Delays and Leakage Time-Varying Delays. Neural Processing Letters, 2019, 50, 851-885.	2.0	28
24	Fixed-time synchronization of competitive neural networks with proportional delays and impulsive effect. Neural Computing and Applications, 2020, 32, 13245-13254.	3.2	28
25	Global exponential convergence of neutral-type competitive neural networks with multi-proportional delays, distributed delays and time-varying delay in leakage delays. International Journal of Systems Science, 2018, 49, 2202-2214.	3.7	27
26	Dynamics behavior for second-order neutral Clifford differential equations: inertial neural networks with mixed delays. Computational and Applied Mathematics, 2020, 39, 1.	1.0	25
27	Stability analysis for delayed high-order type of Hopfield neural networks with impulses. Neurocomputing, 2015, 165, 312-329.	3.5	24
28	Stability analysis for a class of impulsive high-order Hopfield neural networks with leakage time-varying delays. Neural Computing and Applications, 2019, 31, 7781-7803.	3.2	24
29	Global dissipativity of fuzzy cellular neural networks with inertial term and proportional delays. International Journal of Systems Science, 2020, 51, 1392-1405.	3.7	23
30	Weighted pseudo almost automorphic solutions for neutral type fuzzy cellular neural networks with mixed delays and D operator in Clifford algebra. International Journal of Systems Science, 2020, 51, 1759-1781.	3.7	23
31	New exploration on bifurcation for fractional-order quaternion-valued neural networks involving leakage delays. Cognitive Neurodynamics, 2022, 16, 1233-1248.	2.3	23
32	Periodically intermittent control for finite-time synchronization of delayed quaternion-valued neural networks. Neural Computing and Applications, 2021, 33, 6527-6547.	3.2	22
33	Impulsive generalized high-order recurrent neural networks with mixed delays: Stability and periodicity. Neurocomputing, 2018, 321, 296-307.	3.5	22
34	Piecewise asymptotically almost automorphic solutions for impulsive non-autonomous high-order Hopfield neural networks with mixed delays. Neural Computing and Applications, 2019, 31, 5527-5545.	3.2	21
35	Further analysis on dynamical properties of fractional‐order bi‐directional associative memory neural networks involving double delays. Mathematical Methods in the Applied Sciences, 2022, 45, 11736-11754.	1.2	21
36	Stability analysis of delayed Hopfield Neural Networks with impulses via inequality techniques. Neurocomputing, 2015, 158, 281-294.	3.5	20

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37	State feedback controllers based finite-time and fixed-time stabilisation of high order BAM with reactionâ€"diffusion term. International Journal of Systems Science, 2021, 52, 905-927.	3.7	20
38	Dynamics of new class of hopfield neural networks with time-varying and distributed delays. Acta Mathematica Scientia, 2016, 36, 891-912.	0.5	19
39	Global dissipativity of high-order Hopfield bidirectional associative memory neural networks with mixed delays. Neural Computing and Applications, 2020, 32, 10183-10197.	3.2	19
40	Global dissipativity of Clifford-valued multidirectional associative memory neural networks with mixed delays. Computational and Applied Mathematics, 2020, 39, 1.	1.0	19
41	Comparative analysis on Hopf bifurcation of integerâ€order and fractionalâ€order twoâ€neuron neural networks with delay. International Journal of Circuit Theory and Applications, 2020, 48, 1459-1475.	1.3	19
42	Sliding mode control-based fixed-time stabilization and synchronization of inertial neural networks with time-varying delays. Neural Computing and Applications, 2021, 33, 11555-11572.	3.2	19
43	New Results for Impulsive Recurrent Neural Networks with Time-Varying Coefficients and Mixed Delays. Neural Processing Letters, 2017, 46, 487-506.	2.0	18
44	Finite-Time Stabilization of Neutral Hopfield Neural Networks with Mixed Delays. Neural Processing Letters, 2018, 48, 1645-1669.	2.0	18
45	Sliding mode control for finite-time and fixed-time synchronization of delayed complex-valued recurrent neural networks with discontinuous activation functions and nonidentical parameters. European Journal of Control, 2021, 59, 109-122.	1.6	18
46	A Genetic-Designed Beta Basis Function Neural Network for Multi-Variable Functions Approximation. Systems Analysis Modelling Simulation, 2002, 42, 975-1009.	0.1	17
47	Finite-time stabilization of uncertain delayed-hopfield neural networks with a time-varying leakage delay via non-chattering control. Science China Technological Sciences, 2019, 62, 1111-1122.	2.0	17
48	Finiteâ€time and fixedâ€time sliding mode control for discontinuous nonidentical recurrent neural networks with timeâ€varying delays. International Journal of Robust and Nonlinear Control, 2022, 32, 1194-1208.	2.1	17
49	A hierarchical genetic algorithm for the design of beta basis function neural network. , 0, , .		16
50	A New LMI Approach to Finite and Fixed Time Stabilization of High-Order Class of BAM Neural Networks with Time-Varying Delays. Neural Processing Letters, 2019, 50, 815-838.	2.0	16
51	New feedback control techniques of quaternion fuzzy neural networks with timeâ€varying delay. International Journal of Robust and Nonlinear Control, 2021, 31, 2783-2809.	2.1	16
52	Bogdanovâ€"Takens Bifurcation in a Neutral Delayed Hopfield Neural Network with Bidirectional Connection. International Journal of Biomathematics, 2020, 13, 2050049.	1.5	15
53	New Results on Interval General Cohen-Grossberg BAM Neural Networks. Journal of Systems Science and Complexity, 2020, 33, 944-967.	1.6	15
54	Piecewise Pseudo Almost-Periodic Solutions of Impulsive Fuzzy Cellular Neural Networks with Mixed Delays. Neural Processing Letters, 2020, 51, 1201-1225.	2.0	14

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55	A new fixed-time stabilization approach for neural networks with time-varying delays. Neural Computing and Applications, 2020, 32, 3295-3309.	3.2	13
56	Impact of wind speed on fishing effort. Modeling Earth Systems and Environment, 2020, 6, 1007-1015.	1.9	13
57	Uniform Asymptotic Stability and Global Asymptotic Stability for Time-Delay Hopfield Neural Networks. International Federation for Information Processing, 2012, , 483-492.	0.4	12
58	Pullback attractor for neutral Hopfield neural networks with time delay in the leakage term and mixed time delays. Neural Computing and Applications, 2019, 31, 4113-4122.	3.2	12
59	Finite‐time and fixed‐time synchronization of fuzzy Clifford‐valued Cohen‐Grossberg neural networks with discontinuous activations and time‐varying delays. International Journal of Adaptive Control and Signal Processing, 2021, 35, 2499-2520.	2.3	12
60	$$(mu ,u)$$($μ,ν$)-Pseudo-almost automorphic solutions for high-order Hopfield bidirectional associative memory neural networks. Neural Computing and Applications, 2020, 32, 1435-1456.	3.2	11
61	$$(mu ,u)-$$Pseudo Almost Automorphic Solutions of Neutral Type Clifford-Valued High-Order Hopfield Neural Networks with D Operator. Neural Processing Letters, 2021, 53, 799-828.	2.0	11
62	Finite-time stabilization for fractional-order inertial neural networks with time varying delays. Nonlinear Analysis: Modelling and Control, 2021, 27, 1-18.	1.1	11
63	Pseudo Almost Periodic Solution of Recurrent Neural Networks with D Operator on Time Scales. Neural Processing Letters, 2019, 50, 297-320.	2.0	10
64	Probing into bifurcation for fractional-order BAM neural networks concerning multiple time delays. Journal of Computational Science, 2022, 62, 101701.	1.5	10
65	Effect of leakage delay on finite time boundedness of impulsive high-order neutral delay generalized neural networks. Neurocomputing, 2019, 347, 34-45.	3.5	9
66	Homoclinic and heteroclinic motions of delayed inertial neural networks. Neural Computing and Applications, 2021, 33, 6983-6998.	3.2	8
67	Impulsive Multidirectional Associative Memory Neural Networks: New Results. International Journal of Biomathematics, 0, , .	1.5	7
68	Non-chattering quantized control for synchronization in finite‐fixed time of delayed Cohen‐Grossberg-type fuzzy neural networks with discontinuous activation. Neural Computing and Applications, 2021, 33, 16557-16576.	3.2	7
69	Global Exponential Convergence of Neutral Type Competitive Neural Networks with D Operator and Mixed Delay. Journal of Systems Science and Complexity, 2020, 33, 1785-1803.	1.6	7
70	Memory feedback finite-time control for memristive neutral-type neural networks with quantization. Chinese Journal of Physics, 2021, 70, 271-287.	2.0	6
71	Study of genetic regulatory networks with Stepanov-like pseudo-weighted almost automorphic coefficients. Neural Computing and Applications, 2021, 33, 10175-10187.	3.2	6
72	Finite-time synchronization of hierarchical hybrid coupled neural networks with mismatched quantization. Neural Computing and Applications, 2021, 33, 16881-16897.	3.2	6

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73	The Existence and the Stability of Weighted Pseudo Almost Periodic Solution of High-Order Hopfield Neural Network. Lecture Notes in Computer Science, 2016, , 478-485.	1.0	5
74	Effect of fuzziness on the stability of inertial neural networks with mixed delay via non-reduced-order method. International Journal of Computer Mathematics: Computer Systems Theory, 2019, 4, 151-170.	0.7	5
75	Periodic and homoclinic solutions of discontinuous Cohen–Grossberg neural networks with time-varying delays. European Journal of Control, 2021, 59, 238-249.	1.6	5
76	Stability and global dissipativity for neutral-type fuzzy genetic regulatory networks with mixed delays. Computational and Applied Mathematics, 2021, 40, 1.	1.0	5
77	Delayed fuzzy genetic regulatory networks: Novel results. International Journal of Biomathematics, 2021, 14, .	1.5	5
78	Codimension two bifurcation in a coupled FitzHugh–Nagumo system with multiple delays. Chaos, Solitons and Fractals, 2022, 156, 111824.	2.5	5
79	Global Dissipativity of Quaternion-Valued Fuzzy Cellular Fractional-Order Neural Networks With Time Delays. Neural Processing Letters, 2023, 55, 481-503.	2.0	5
80	New Results on Finite/Fixed-Time Stabilization of Stochastic Second-Order Neutral-Type Neural Networks with Mixed Delays. Neural Processing Letters, 2022, 54, 5415-5437.	2.0	5
81	Stability analysis for a class of impulsive competitive neural networks with leakage time-varying delays. Science China Technological Sciences, 2018, 61, 1384-1403.	2.0	4
82	Pseudo almost automorphic solutions of hematopoiesis model with mixed delays. Computational and Applied Mathematics, 2020, 39, 1.	1.0	4
83	Asymptotic behavior of Clifford-valued dynamic systems with D-operator on time scales. Advances in Difference Equations, 2021, 2021, .	3.5	4
84	New results on impulsive type inertial bidirectional associative memory neural networks. Frontiers of Information Technology and Electronic Engineering, 2020, 21, 324-339.	1.5	3
85	On the differential equations of recurrent neural networks. International Journal of Computer Mathematics, 2021, 98, 1385-1407.	1.0	3
86	Bogdanov–Takens and Triple Zero Bifurcations for a Neutral Functional Differential Equations with Multiple Delays. Journal of Dynamics and Differential Equations, 0, , 1.	1.0	3
87	Bifurcation control strategy for a fractional-order delayed financial crises contagions model. AIMS Mathematics, 2022, 7, 2102-2122.	0.7	3
88	Dynamical behavior of recurrent neural networks with different external inputs. International Journal of Biomathematics, 2022, 15, .	1.5	3
89	Evolutionary approach for the beta function based fuzzy systems. , 0, , .		2
90	New Results on Neutral Type Fuzzy Based Cellular Neural Networks. , 2018, , .		2

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91	Finite Time Synchronization For Delayed Fuzzy Inertial Cellular Neural Networks. , 2018, , .		2
92	Second-order nonlinear differential equations: existence, uniqueness and global exponential stability of doubly measure pseudo-almost automorphic solutions. International Journal of Computer Mathematics, 2022, 99, 1462-1487.	1.0	1
93	Stability Analysis of a Generalized Class of BAM Neural Networks with Mixed Delays. Lecture Notes in Computer Science, 2019, , 20-31.	1.0	1
94	Dissipativity Analysis of a Class of Competitive Neural Networks with Proportional Delays. Lecture Notes in Computer Science, 2019, , 32-42.	1.0	1
95	Global dissipativity of fuzzy genetic regulatory networks with mixed delays. International Journal of Systems Science, 0, , 1-20.	3.7	1
96	Bifurcation anti€control technique in a fractional€order stable finance model. Asian Journal of Control, 2023, 25, 1061-1073.	1.9	0