Velmurugan Gandhi

List of Publications by Year
in descending order

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32	1,877	318942	488211
papers	citations	23 h-index	31 g-index

32	32	32	1169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tâ€“S Fuzzy Sampled-Data Control for Nonlinear Systems With Actuator Faults and Its Application to Wind Energy System. IEEE Transactions on Fuzzy Systems, 2022, 30, 462-474.	6.5	25
2	Dynamical analysis of a prey-predator model incorporating a prey refuge with variable carrying capacity. Ecological Complexity, 2021, 45, 100888.	1.4	10
3	SIR model with time-varying contact rate. International Journal of Biomathematics, 2021, 14, 2150017.	1.5	2
4	Mathematical analysis of a time delay visceral leishmaniasis model. Journal of Applied Mathematics and Computing, 2020, 63, 217-237.	1.2	1
5	Dynamics of fractional-order delay differential model for tumor-immune system. Chaos, Solitons and Fractals, 2020, 132, 109592.	2.5	52
6	Almost periodic dynamics of memristive inertial neural networks with mixed delays. Information Sciences, 2020, 536, 332-350.	4.0	14
7	Exponential Synchronization of Inertial Memristor-Based Neural Networks with Time Delay Using Average Impulsive Interval Approach. Neural Processing Letters, 2019, 50, 2053-2071.	2.0	18
8	A fractional-order model for Ebola virus infection with delayed immune response on heterogeneous complex networks. Journal of Computational and Applied Mathematics, 2018, 339, 134-146.	1.1	40
9	Event-triggered <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml4" display="inline" overflow="scroll" altimg="si4.gif"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow></mml:msub></mml:math> state estimation for semi-Markov jumping discrete-time neural networks with quantization. Neural Networks, 2018, 105, 236-248.	3.3	56
10	Exponential synchronization of Lurâ€™e complex dynamical networks with uncertain inner coupling and pinning impulsive control. Applied Mathematics and Computation, 2017, 307, 217-231.	1.4	31
11	A fractional-order delay differential model for Ebola infection and CD8+ T-cells response: Stability analysis and Hopf bifurcation. International Journal of Biomathematics, 2017, 10, 1750111.	1.5	27
12	Stability and Hopf bifurcation analysis of fractional-order complex-valued neural networks with time delays. Advances in Difference Equations, 2017, 2017, .	3.5	34
13	Dissipativity and stability analysis of fractional-order complex-valued neural networks with time delay. Neural Networks, 2017, 86, 42-53.	3.3	97
14	Stability and synchronization of fractional-order complex-valued neural networks with time delay: LMI approach. European Physical Journal: Special Topics, 2017, 226, 3639-3655.	1.2	7
15	Stability analysis of memristorâ€based complexâ€valued recurrent neural networks with time delays. Complexity, 2016, 21, 14-39.	0.9	33
16	Hybrid Projective Synchronization of Fractional-Order Chaotic Complex Nonlinear Systems With Time Delays. Journal of Computational and Nonlinear Dynamics, 2016, 11, .	0.7	19
17	Analysis of global<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si6.gif" display="inline" overflow="scroll"><mml:mi>O</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:msup><mml:mrow><mml:mi>t</mml:mi></mml:mrow><mml:mrow><mml:mi>-β</mml:mi></mml:mrow></mml:msup></mml:mrow></mml:math> and global asymptotical periodicity for a class of fractional-order complex-valued neural networks with time varying delays. Neural Networks, 2016, 77, 51-69.	3.3	64
18	Finite-time synchronization of fractional-order memristor-based neural networks with time delays. Neural Networks, 2016, 73, 36-46.	3.3	231

#	Article	IF	Citations
19	Hybrid projective synchronization of fractional-order memristor-based neural networks with time delays. Nonlinear Dynamics, 2016, 83, 419-432.	2.7	60
20	Global dissipativity of memristor-based complex-valued neural networks with time-varying delays. Neural Computing and Applications, 2016, 27, 629-649.	3.2	45
21	Further analysis of global <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si15.gif" display="inline" overflow="scroll"><mml:mi>Î¼</mml:mi></mml:math>-stability of complex-valued neural networks with unbounded time-varying delays. Neural Networks, 2015, 67, 14-27.	3.3	75
22	Comments and further improvements on â€œPassivity and passification of memristor-based complex-valued recurrent neural networks with interval time-varying delaysâ€[Neurocomputing 144 (2014) 391â€“407]. Neurocomputing, 2015, 165, 433-435.	3.5	0
23	Hybrid Projective Synchronization of Fractional-Order Neural Networks with Time Delays. Springer Proceedings in Mathematics and Statistics, 2015, , 645-655.	0.1	2
24	Stability analysis of fractional-order complex-valued neural networks with time delays. Chaos, Solitons and Fractals, 2015, 78, 297-316.	2.5	102
25	Existence and Uniform Stability Analysis of Fractional-Order Complex-Valued Neural Networks With Time Delays. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 84-97.	7.2	248
26	Multiple Î¼-stability analysis of complex-valued neural networks with unbounded time-varying delays. Neurocomputing, 2015, 149, 594-607.	3.5	64
27	Passivity Analysis of Memristor-Based Complex-Valued Neural Networks with Time-Varying Delays. Neural Processing Letters, 2015, 42, 517-540.	2.0	55
28	Complete Stability Analysis of Complex-Valued Neural Networks with Time Delays and Impulses. Neural Processing Letters, 2015, 41, 435-468.	2.0	68
29	Stability analysis of memristor-based fractional-order neural networks with different memductance functions. Cognitive Neurodynamics, 2015, 9, 145-177.	2.3	54
30	Dissipativity analysis of memristor-based complex-valued neural networks with time-varying delays. Information Sciences, 2015, 294, 645-665.	4.0	139
31	Finite-time stability analysis of fractional-order complex-valued memristor-based neural networks with time delays. Nonlinear Dynamics, 2014, 78, 2823-2836.	2.7	155
32	Passivity and passification of memristor-based complex-valued recurrent neural networks with interval time-varying delays. Neurocomputing, 2014, 144, 391-407.	3.5	49