Vembarasan, V

List of Publications by Year
in descending order

18 papers	733 citations	623734 14 h-index	940533 16 g-index
18 all docs	18 docs citations	18 times ranked	622 citing authors

#	Article	IF	Citations
1	Dissipativity and stability analysis of fractional-order complex-valued neural networks with time delay. Neural Networks, 2017, 86, 42-53.	5.9	97
2	Leakage Delays in Tâ€"S Fuzzy Cellular Neural Networks. Neural Processing Letters, 2011, 33, 111-136.	3.2	79
3	Delay-dependent robust exponential state estimation of Markovian jumping fuzzy Hopfield neural networks with mixed random time-varying delays. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 2109-2129.	3.3	78
4	Global robust asymptotic stability analysis of uncertain switched Hopfield neural networks with time delay in the leakage term. Neural Computing and Applications, 2012, 21, 1593-1616.	5.6	55
5	Approximate Controllability of Impulsive Fractional Integro-Differential Systems with Nonlocal Conditions in Hilbert Space. Numerical Functional Analysis and Optimization, 2014, 35, 177-197.	1.4	55
6	Synchronization of recurrent neural networks with mixed time-delays via output coupling with delayed feedback. Nonlinear Dynamics, 2012, 70, 677-691.	5.2	48
7	Delay-dependent robust asymptotic state estimation of Takagiâ€"Sugeno fuzzy Hopfield neural networks with mixed interval time-varying delays. Expert Systems With Applications, 2012, 39, 472-481.	7.6	48
8	Robust stability of uncertain fuzzy BAM neural networks of neutral-type with Markovian jumping parameters and impulses. Computers and Mathematics With Applications, 2011, 62, 1838-1861.	2.7	46
9	Chaotic synchronization of Rikitake system based on T-S fuzzy control techniques. Nonlinear Dynamics, 2013, 74, 31-44.	5.2	45
10	Asymptotic stability of BAM neural networks of neutral-type with impulsive effects and time delay in the leakage term. International Journal of Computer Mathematics, 2011, 88, 3271-3291.	1.8	38
11	Non-fragile state observer design for neural networks with Markovian jumping parameters and time-delays. Nonlinear Analysis: Hybrid Systems, 2014, 14, 61-73.	3.5	37
12	State estimation for delayed genetic regulatory networks based on passivity theory. Mathematical Biosciences, 2013, 244, 165-175.	1.9	33
13	Hâˆž state-feedback control of time-delay systems using reciprocally convex approach. Journal of Process Control, 2014, 24, 892-904.	3.3	20
14	FTFBE: A numerical approximation for fuzzy time-fractional Bloch equation. , 2014, , .		20
15	Delay decomposition approach to state estimation of neural networks with mixed timeâ€"varying delays and Markovian jumping parameters. Mathematical Methods in the Applied Sciences, 2013, 36, 395-412.	2.3	17
16	Robust synchronization of uncertain chaotic neural networks with randomly occurring uncertainties and non-fragile output coupling delayed feedback controllers. Nonlinear Dynamics, 2014, 78, 2031-2047.	5.2	11
17	Robust stability analysis of delayed Takagiâ€"Sugeno fuzzy genetic regulatory networks. Physica Scripta, 2012, 86, 065003.	2.5	6
18	Preface: Recent Developments in Mathematical Analysis and Computing. AIP Conference Proceedings, 2019, , .	0.4	0