Thuan Mai Viet

List of Publications by Year
in descending order

41 papers	568 citations	686830 13 h-index	713013 21 g-index
41 all docs	41 docs citations	41 times ranked	353 citing authors

#	Article	IF	Citations
1	New criteria for dissipativity analysis of Caputo fractional-order neural networks with non-differentiable time-varying delays. International Journal of Nonlinear Sciences and Numerical Simulation, 2023, 24, 2649-2661.	0.4	2
2	Output feedback finiteâ€time dissipative control for uncertain nonlinear fractionalâ€order systems. Asian Journal of Control, 2022, 24, 2284-2293.	1.9	9
3	LMI Conditions for Fractional Exponential Stability and Passivity Analysis of Uncertain Hopfield Conformable Fractional-Order Neural Networks. Neural Processing Letters, 2022, 54, 1333-1350.	2.0	6
4	State bounding estimation of positive singular discrete-time systems with unbounded time-varying delays. Journal of the Franklin Institute, 2022, 359, 4587-4604.	1.9	3
5	New results on reachable sets bounding for delayed positive singular systems with bounded disturbances. Journal of the Franklin Institute, 2021, 358, 1044-1069.	1.9	10
6	New Results on Hâˆž Control for Nonlinear Conformable Fractional Order Systems. Journal of Systems Science and Complexity, 2021, 34, 140-156.	1.6	10
7	Finite-Time Control Analysis of Nonlinear Fractional-Order Systems Subject to Disturbances. Bulletin of the Malaysian Mathematical Sciences Society, 2021, 44, 1425-1441.	0.4	2
8	Delay-Dependent and Order-Dependent $$H_{infty }$$ Control for Fractional-Order Neural Networks with Time-Varying Delay. Differential Equations and Dynamical Systems, 2021, 29, 825-839.	0.5	10
9	Linear functional state bounding for linear positive singular systems with disturbances varying within a bounded set. Mathematical Methods in the Applied Sciences, 2021, 44, 5133-5149.	1.2	0
10	Design of distributed functional interval observers for large-scale networks impulsive systems. Transactions of the Institute of Measurement and Control, 2021, 43, 3233-3243.	1.1	2
11	Finiteâ€Time Guaranteed Cost Control of Caputo Fractionalâ€Order Neural Networks. Asian Journal of Control, 2020, 22, 696-705.	1.9	30
12	Passivity Analysis of Fractional-Order Neural Networks with Time-Varying Delay Based on LMI Approach. Circuits, Systems, and Signal Processing, 2020, 39, 5906-5925.	1.2	33
13	New Results on Stability and Stabilization of Delayed Caputo Fractional Order Systems with Convex Polytopic Uncertainties. Journal of Systems Science and Complexity, 2020, 33, 563-583.	1.6	17
14	Mixed $H_{infty }$ and Passive Control for Fractional-Order Nonlinear Systems Via LMI Approach. Acta Applicandae Mathematicae, 2020, 170, 37-52.	0.5	17
15	Finite-time $$H_{infty }$$ control of uncertain fractional-order neural networks. Computational and Applied Mathematics, 2020, 39, 1.	1.0	18
16	A new design method for observer-based control of nonlinear fractional-order systems with time-variable delay. European Journal of Control, 2020, 56, 124-131.	1.6	13
17	New results on stability and L_{âˆž}â€gain analysis for positive linear differentialâ€algebraic equations with unbounded timeâ€varying delays. International Journal of Robust and Nonlinear Control, 2020, 30, 2889-2905.	2.1	6
18	New Results on Robust Finite-Time Passivity for Fractional-Order Neural Networks with Uncertainties. Neural Processing Letters, 2019, 50, 1065-1078.	2.0	37

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19	Unknown input fractional-order functional observer design for one-side Lipschitz time-delay fractional-order systems. Transactions of the Institute of Measurement and Control, 2019, 41, 4311-4321.	1.1	12
20	Robust guaranteed cost control for timeâ€delay fractionalâ€order neural networks systems. Optimal Control Applications and Methods, 2019, 40, 613-625.	1.3	27
21	Robust Finite-Time Guaranteed Cost Control for Positive Systems with Multiple Time Delays. Journal of Systems Science and Complexity, 2019, 32, 496-509.	1.6	13
22	State bounding for positive singular discreteâ€time systems with timeâ€varying delay and bounded disturbances. IET Control Theory and Applications, 2019, 13, 2571-2582.	1.2	10
23	Robust Finite-Time Stability and Stabilization of a Class of Fractional-Order Switched Nonlinear Systems. Journal of Systems Science and Complexity, 2019, 32, 1479-1497.	1.6	17
24	New Criteria for Guaranteed Cost Control of Nonlinear Fractional-Order Delay Systems: a Razumikhin Approach. Vietnam Journal of Mathematics, 2019, 47, 403-415.	0.4	9
25	On Reduced-Order Linear Functional Interval Observers for Nonlinear Uncertain Time-Delay Systems with External Unknown Disturbances. Circuits, Systems, and Signal Processing, 2019, 38, 2000-2022.	1.2	10
26	Design of unknownâ€input reducedâ€order observers for a class of nonlinear fractionalâ€order timeâ€delay systems. International Journal of Adaptive Control and Signal Processing, 2018, 32, 412-423.	2.3	25
27	Reachable sets bounding for generalized neural networks with interval time-varying delay and bounded disturbances. Neural Computing and Applications, 2018, 29, 783-794.	3.2	12
28	New Results on Exponential Stability and Passivity Analysis of Delayed Switched Systems with Nonlinear Perturbations. Circuits, Systems, and Signal Processing, 2018, 37, 569-592.	1.2	14
29	New Results on Stabilization of Fractionalâ€Order Nonlinear Systems via an LMI Approach. Asian Journal of Control, 2018, 20, 1541-1550.	1.9	30
30	Reachable sets bounding for switched systems with time-varying delay and bounded disturbances. International Journal of Systems Science, 2017, 48, 494-504.	3.7	28
31	New Results on Reachable Sets Bounding for Switched Neural Networks Systems with Discrete, Distributed Delays and Bounded Disturbances. Neural Processing Letters, 2017, 46, 355-378.	2.0	5
32	State transformations of time-varying delay systems and their applications to state observer design. Discrete and Continuous Dynamical Systems - Series S, 2017, 10, 413-444.	0.6	3
33	New inequality-based approach to passivity analysis of neural networks with interval time-varying delay. Neurocomputing, 2016, 194, 301-307.	3.5	52
34	Exponential stabilization of time-varying delay systems with non-linear perturbations. IMA Journal of Mathematical Control and Information, 2014, 31, 441-464.	1.1	5
35	Exponential stabilization of non-autonomous delayed neural networks via Riccati equations. Applied Mathematics and Computation, 2014, 246, 533-545.	1.4	6
36	Observer-based controller design of time-delay systems with an interval time-varying delay. International Journal of Applied Mathematics and Computer Science, 2012, 22, 921-927.	1.5	18

#	Article	IF	Citations
37	Dynamic output feedback guaranteed cost control for linear systems with interval time-varying delays in states and outputs. Applied Mathematics and Computation, 2012, 218, 10697-10707.	1.4	25
38	Optimal Guaranteed Cost Control of Linear Systems with Mixed Interval Time-Varying Delayed State and Control. Journal of Optimization Theory and Applications, 2012, 152, 394-412.	0.8	9
39	Novel optimal guaranteed cost control of non-linear systems with mixed multiple time-varying delays. IMA Journal of Mathematical Control and Information, 2011, 28, 475-486.	1.1	4
40	State bounding and L_{â^ž}-gain for positive singular systems with unbounded time-variable delay. International Journal of Systems Science, 0, , 1-13.	3.7	3
41	New Criteria for Dissipativity Analysis of Fractional-Order Static Neural Networks. Circuits, Systems, and Signal Processing, 0, , 1.	1.2	6