

RAjeeb Dey

List of Publications by Year in descending order

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43
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477
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissipative Control for Single Flexible Joint Robotic System via Tâ€‘S Fuzzy Modelling Approach. IFAC-PapersOnLine, 2022, 55, 637-642.	0.5	0
2	A Novel Quasi-Periodically Forced System with Time-delay Exhibiting Megastability and Hyperchaos. IFAC-PapersOnLine, 2022, 55, 934-937.	0.5	1
3	Hâˆž Control for Tâ€‘S Fuzzy System via Delayed State Feedback: Application to Two-Link Robotic System. IFAC-PapersOnLine, 2022, 55, 777-782.	0.5	2
4	Bilateral Teleoperation Control of a Bipedal Robot Gait Using a Manipulator. IFAC-PapersOnLine, 2022, 55, 765-770.	0.5	1
5	Teleoperation of Multi-Degrees-of-Freedom Manipulator through Composite State Convergence Scheme. IFAC-PapersOnLine, 2022, 55, 126-130.	0.5	0
6	Further results on stability analysis of Takagiâ€‘Sugeno fuzzy time-delay systems via improved Lyapunovâ€‘Krasovskii functional. AIMS Mathematics, 2022, 7, 16464-16481.	0.7	1
7	Robust observer-based adaptive control of blood glucose in diabetic patients. International Journal of Control, 2021, 94, 3054-3067.	1.2	24
8	Improved stabilization criteria for Takagiâ€‘Sugeno fuzzy systems with variable delays. Information Sciences, 2021, 579, 591-606.	4.0	13
9	Synchronization for Nonlinear Time-Delay Chaotic Diabetes Mellitus System via State Feedback Control Strategy. Advances in Intelligent Systems and Computing, 2021, , 769-779.	0.5	0
10	An augmented subcutaneous type 1 diabetic patient modelling and design of adaptive glucose control. Journal of Process Control, 2020, 86, 94-105.	1.7	25
11	Online Delay Estimation and Adaptive Compensation in Wireless Networked System: An Embedded Control Design. International Journal of Control, Automation and Systems, 2020, 18, 856-866.	1.6	11
12	Robust guaranteedâ€‘cost output feedback control of blood glucose in type 1 diabetes patient with inpatient variability. Optimal Control Applications and Methods, 2020, 41, 1422-1438.	1.3	4
13	Stability and stabilization of Tâ€‘S fuzzy systems with variable delays via new Besselâ€‘Legendre polynomial based relaxed integral inequality. Information Sciences, 2020, 522, 99-123.	4.0	27
14	Switching synchronisation of a 3-D multi-state-time-delay chaotic system including externally added memristor with hidden attractors and multi-scroll via sliding mode control. European Physical Journal: Special Topics, 2020, 229, 1231-1244.	1.2	16
15	New delay-range-dependent stability condition for fuzzy Hopfield neural networks via Wirtinger inequality. Journal of Intelligent and Fuzzy Systems, 2020, 38, 6099-6109.	0.8	1
16	Identifier based intelligent blood glucose concentration regulation for type 1 diabetic patients: An adaptive fuzzy approach. Journal of Intelligent and Fuzzy Systems, 2020, 38, 6175-6184.	0.8	7
17	Improved Delay-Range-Dependent Stability Condition for Tâ€‘S Fuzzy Systems with Variable Delays Using New Extended Affine Wirtinger Inequality. International Journal of Fuzzy Systems, 2020, 22, 985-998.	2.3	9
18	Observer based nonlinear control design for glucose regulation in type 1 diabetic patients: An LMI approach. Biomedical Signal Processing and Control, 2019, 47, 7-15.	3.5	42

#	ARTICLE	IF	CITATIONS
19	New double integral inequality with application to stability analysis for linear retarded systems. IET Control Theory and Applications, 2019, 13, 1514-1524.	1.2	12
20	Further improved stability condition for T-S fuzzy time-varying delay systems via generalised inequality. International Journal of Advanced Intelligence Paradigms, 2019, 14, 310.	0.2	1
21	Robust observer based control for plasma glucose regulation in type 1 diabetes patient using attractive ellipsoid method. IET Systems Biology, 2019, 13, 84-91.	0.8	14
22	Integrated Blind Signal Separation and Neural Network Based Energy Detector Architecture. Wireless Personal Communications, 2019, 106, 2315-2333.	1.8	3
23	Control of Time-Delay Systems with Actuator Saturation. Intelligent Systems Reference Library, 2018, , 185-223.	1.0	0
24	Fuzzy Time-Delay System. Intelligent Systems Reference Library, 2018, , 225-242.	1.0	0
25	A New 3-D Memristive Time-delay Chaotic System with Multi-scroll and Hidden Attractors. IFAC-PapersOnLine, 2018, 51, 580-585.	0.5	6
26	Blood glucose regulation in type 1 diabetic patients: an adaptive parametric compensation control-based approach. IET Systems Biology, 2018, 12, 219-225.	0.8	41
27	Stability Analysis of Time-Delay Systems. Intelligent Systems Reference Library, 2018, , 33-123.	1.0	1
28	Stabilization of Time-Delay Systems. Intelligent Systems Reference Library, 2018, , 125-183.	1.0	0
29	Improved delay-range-dependent stability analysis for uncertain retarded systems based on affine Wirtinger inequality. International Journal of Robust and Nonlinear Control, 2017, 27, 3028-3042.	2.1	11
30	Function approximation based energy detection in cognitive radio using radial basis function network. Intelligent Automation and Soft Computing, 2017, 23, 393-403.	1.6	2
31	Improved stability condition for fuzzy systems with interval time varying delay. , 2017, , .		2
32	Improved delay-range-dependent stability analysis of a time-delay system with norm bounded uncertainty. ISA Transactions, 2015, 58, 50-57.	3.1	17
33	Improved delay-dependent stabilization of time-delay systems with actuator saturation. International Journal of Robust and Nonlinear Control, 2014, 24, 902-917.	2.1	39
34	Partial eigenvalue assignment and its stability in a time delayed system. Mechanical Systems and Signal Processing, 2014, 42, 247-257.	4.4	25
35	Robust Analysis of Networked Control Systems with Time-Varying Delays. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 75-78.	0.4	3
36	New delay-dependent stabilization result for linear time-delay system with actuator saturation. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
37	H [∞] load frequency control of interconnected power systems with communication delays. International Journal of Electrical Power and Energy Systems, 2012, 42, 672-684.	3.3	117
38	State feedback stabilization of uncertain linear time-delay systems: A nonlinear matrix inequality approach. Numerical Linear Algebra With Applications, 2011, 18, 351-361.	0.9	18
39	Stability analysis for continuous system with additive time-varying delays: A less conservative result. Applied Mathematics and Computation, 2010, 215, 3740-3745.	1.4	66
40	A robust H _∞ load-frequency controller design using LMIs. , 2009, , .		4
41	Delay-dependent stability analysis of linear system with multiple state delays. , 2007, , .		5
42	DELAY-DEPENDENT STABILITY ANALYSIS OF LINEAR SYSTEM WITH TIME VARYING STATE DELAY. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 313-318.	0.4	4