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List of Publications by Year in descending order

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36
papers

309
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docs citations

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times ranked

264
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive H-infinity SMC-based Model Reference Tracker for Uncertain Nonlinear Systems with Input Nonlinearity. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 1560-1569.	2.7	3
2	Effective zero-norm minimization algorithms for noisy compressed sensing. <i>Journal of the Franklin Institute</i> , 2020, 357, 7159-7187.	3.4	3
3	A Modified Functional Observer-Based EID Estimator for Unknown Continuous-Time Singular Systems. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2316.	2.5	0
4	A novel on-line OCID method and its application to input-constrained active fault-tolerant tracker design for unknown nonlinear systems. <i>International Journal of Systems Science</i> , 2019, 50, 2632-2662.	5.5	2
5	A modified functional observer-based EID estimator for unknown sampled-data singular systems. <i>International Journal of Systems Science</i> , 2019, 50, 1976-2001.	5.5	2
6	Design of Robust Trackers and Unknown Nonlinear Perturbation Estimators for a Class of Nonlinear Systems: HTRDNA Algorithm for Tracker Optimization. <i>Mathematics</i> , 2019, 7, 1141.	2.2	3
7	Adaptive Chattering-Free Sliding Mode Control of Chaotic Systems with Unknown Input Nonlinearity via Smooth Hyperbolic Tangent Function. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-9.	1.1	6
8	Application of the observer/Kalman filter identification method to unknown time-delay disturbed systems and the associated optimal digital tracker design. <i>International Journal of Systems Science</i> , 2019, 50, 2935-2961.	5.5	3
9	A case study on the universal compensation-improvement mechanism: A robust PID filter-shaped optimal PI tracker for systems with/without disturbances. <i>Journal of the Franklin Institute</i> , 2018, 355, 3583-3618.	3.4	6
10	A new PI-based optimal linear quadratic state-estimate tracker for discrete-time non-square non-minimum phase systems. <i>International Journal of Systems Science</i> , 2018, 49, 1856-1877.	5.5	1
11	A generalised optimal linear quadratic tracker with universal applications – part 1: continuous-time systems. <i>International Journal of Systems Science</i> , 2017, 48, 376-396.	5.5	17
12	A generalised optimal linear quadratic tracker with universal applications. Part 2: discrete-time systems. <i>International Journal of Systems Science</i> , 2017, 48, 397-416.	5.5	10
13	Novel observer/controller identification method-based minimal realisations in block observable/controllable canonical forms and compensation improvement. <i>International Journal of Systems Science</i> , 2017, 48, 1522-1536.	5.5	4
14	Design of Fuzzy and Linear Active Disturbance Rejection Control for Insulin Infusion in Type 1 Diabetic Patients. <i>International Journal of Fuzzy Systems</i> , 2017, 19, 1966-1977.	4.0	7
15	A new PI optimal linear quadratic state-estimate tracker for continuous-time non-square non-minimum phase systems. <i>International Journal of Systems Science</i> , 2017, 48, 1438-1459.	5.5	5
16	Digital redesign of analog smith predictor for systems with long input time delays. <i>Journal of the Franklin Institute</i> , 2017, 354, 5797-5812.	3.4	4
17	An Efficient Robust Servo Design for Non-Minimum Phase Discrete-Time Systems with Unknown Matched/Mismatched Input Disturbances. <i>Automation Control and Intelligent Systems</i> , 2017, 5, 14.	0.2	6
18	Modeling and tracker for unknown nonlinear stochastic delay systems with positive input constraints. <i>Applied Mathematical Modelling</i> , 2016, 40, 10447-10479.	4.2	3

#	ARTICLE	IF	CITATIONS
19	Constrained min-max optimization via the improved constraint-activated differential evolution with escape vectors. <i>Expert Systems With Applications</i> , 2016, 46, 336-345.	7.6	4
20	Fast large-scale image enlargement method with a novel evaluation approach: benchmark function-based peak signal-to-noise ratio. <i>IET Image Processing</i> , 2015, 9, 358-368.	2.5	2
21	An improved bidimensional empirical mode decomposition: A mean approach for fast decomposition. <i>Signal Processing</i> , 2014, 98, 344-358.	3.7	17
22	An improvement on the transient response of tracking for the sampled-data system based on an improved PD-type iterative learning control. <i>Journal of the Franklin Institute</i> , 2014, 351, 1130-1150.	3.4	25
23	A low-order active fault-tolerant state space self-tuner for the unknown sampled-data nonlinear singular system using OKID and modified ARMAX model-based system identification. <i>Applied Mathematical Modelling</i> , 2013, 37, 1242-1274.	4.2	8
24	Digital Controller Design for Analog Systems Represented by Multiple Input-Output Time-Delay Transfer Function Matrices with Long Time Delays. <i>Circuits, Systems, and Signal Processing</i> , 2012, 31, 1653-1676.	2.0	3
25	Design of Delay-Dependent Exponential Estimator for T-S Fuzzy Neural Networks with Mixed Time-Varying Interval Delays Using Hybrid Taguchi-Genetic Algorithm. <i>Neural Processing Letters</i> , 2012, 36, 49-67.	3.2	11
26	Efficient decentralized iterative learning tracker for unknown sampled-data interconnected large-scale state-delay system with closed-loop decoupling property. <i>ISA Transactions</i> , 2012, 51, 81-94.	5.7	10
27	Continuous to discrete model conversion for the system with a singular system matrix based on matrix sign function. <i>Applied Mathematical Modelling</i> , 2011, 35, 3893-3904.	4.2	12
28	Iterative learning-based decentralized adaptive tracker for large-scale systems: A digital redesign approach. <i>ISA Transactions</i> , 2011, 50, 344-356.	5.7	9
29	Modeling of decentralized linear observer and tracker for a class of unknown interconnected large-scale sampled-data nonlinear systems with closed-loop decoupling property. <i>Computers and Mathematics With Applications</i> , 2010, 60, 541-562.	2.7	5
30	Digital redesign of the decentralised adaptive tracker for linear large-scale systems. <i>International Journal of Systems Science</i> , 2010, 41, 173-187.	5.5	5
31	Low-order self-tuner for fault-tolerant control of a class of unknown nonlinear stochastic sampled-data systems. <i>Applied Mathematical Modelling</i> , 2009, 33, 706-723.	4.2	9
32	A Delay-Dependent Approach to Passivity Analysis for Uncertain Neural Networks with Time-varying Delay. <i>Neural Processing Letters</i> , 2008, 27, 237-246.	3.2	47
33	Actuator fault detection and performance recovery with Kalman filter-based adaptive observer. <i>International Journal of General Systems</i> , 2007, 36, 375-398.	2.5	26
34	Linear quadratic Nash game-based tracker for multiparameter singularly perturbed sampled-data systems: digital redesign approach. <i>International Journal of General Systems</i> , 2007, 36, 643-672.	2.5	1
35	On robust stabilization of uncertain stochastic time-delay systems-an LMI-based approach. <i>Journal of the Franklin Institute</i> , 2005, 342, 473-487.	3.4	28
36	Hybrid H-infinity synchronization for uncertain continuous chaotic systems based on digital redesign approach. <i>Measurement and Control</i> , 0, , 002029402110211.	1.8	2