

Keith J Burnham

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

264
citations

1040056

9
h-index

1199594

12
g-index

28
all docs

28
docs citations

28
times ranked

297
citing authors

#	ARTICLE	IF	CITATIONS
1	Regenerative braking strategies, vehicle safety and stability control systems: critical use-case proposals. <i>Vehicle System Dynamics</i> , 2013, 51, 684-699.	3.7	65
2	Discontinuous observers for non-linear time-delay systems. <i>International Journal of Systems Science</i> , 2009, 40, 383-392.	5.5	32
3	Investigation of Maximum Power Point Tracking for Thermoelectric Generators. <i>Journal of Electronic Materials</i> , 2013, 42, 1900-1906.	2.2	28
4	Adaptive backstepping sliding mode control for feedforward uncertain systems. <i>International Journal of Systems Science</i> , 2011, 42, 1935-1946.	5.5	23
5	Parameter estimation of the fractional-order Hammerstein-Wiener model using simplified refined instrumental variable fractional-order continuous time. <i>IET Control Theory and Applications</i> , 2017, 11, 2591-2598.	2.1	23
6	Frisch scheme identification for dynamic diagonal bilinear models. <i>International Journal of Control</i> , 2009, 82, 1591-1604.	1.9	15
7	Modelling and simulation of a thermoelectric generator for waste heat energy recovery in Low Carbon Vehicles. , 2012, , .		13
8	Hardware Implementation of Maximum Power Point Tracking for Thermoelectric Generators. <i>Journal of Electronic Materials</i> , 2014, 43, 2293-2300.	2.2	12
9	Predictive Tracking for Respiratory Induced Motion Compensation in Adaptive Radiotherapy. <i>Measurement and Control</i> , 2007, 40, 16-19.	1.8	10
10	Tire slip fuzzy control of a laboratory Anti-lock Braking System. , 2009, , .		10
11	Algorithms for recursive/semi-recursive bias-compensating least squares system identification within the errors-in-variables framework. <i>International Journal of Control</i> , 2012, 85, 1625-1643.	1.9	10
12	Model Predictive Control for Real-Time Tumor Motion Compensation in Adaptive Radiotherapy. <i>IEEE Transactions on Control Systems Technology</i> , 2014, 22, 635-651.	5.2	5
13	Use of confidence limits in the setting of On-Board Diagnostic thresholds. , 2012, , .		3
14	Self-Tuning Control Systems. , 2011, , 315-349.		3
15	Modelling of Hybrid Electric Vehicle All Wheel Drive Driveline System Incorporating Clutch Models. , 2008, , .		2
16	Identification of Errors-in-Variables Systems via Extended Compensated Least Squares for the Case of Coloured Output Noise. , 2008, , .		2
17	An Improved Recursive Frisch Scheme Identification Algorithm. , 2008, , .		2
18	Performance of Bee Behavior-Based Algorithm for Solving Transportation Problem. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
19	Identification of Fractional-Order Continuous-Time Hybrid Box-Jenkins Models Using Refined Instrumental Variable Continuous-Time Fractional-Order Method. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 785-794.	0.6	2
20	Regularized Structured Total Least Norm for the Identification of Bilinear Systems in the Errors-in-Variables Framework. , 2008, , .		1
21	Parity equations-based unknown input reconstruction for MIMO stochastic systems with an application. <i>International Journal of Control</i> , 2014, 87, 410-421.	1.9	1
22	On Abstraction and Interpretability: A Behavioural Perspective. , 2008, , .		0
23	Bilinear approach employed for modelling of continuous stirred tank reactor processes. , 2012, , .		0
24	Inventory replenishment control: A predictive approach. , 2013, , .		0
25	Operating point adjustment procedure for a class of continuous-time bilinear models. , 2014, , .		0
26	Adaptive unknown input reconstruction scheme for Hammerstein-Wiener systems. , 2014, , .		0
27	Errors-in-variables identification of dynamic bilinear systems in the case of coloured output noise. , 2009, , .		0