Masayasu Suzuki

List of Publications by Year
in descending order

27	89	1937685 4	1588992 8
papers	citations	h-index	g-index

28	28	28	69
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Shifting Zeros of Pulse Modulation Driven Systems via Exact Linearization Using Multi-Degree-of-Freedom Pulses. IEEE Transactions on Control Systems Technology, 2023, 31, 27-38.	5.2	0
2	A Study on Reducing Effect of Temporal Quantization Error in Pulse Drive Systems. , 2022, , .		0
3	A study on frequency-shaped PWM-type final-state control with quantization. , 2021, , .		1
4	Star-shaped control-vector sets of second-order systems with PWM-type input. Automatica, 2020, 116, 108924.	5.0	2
5	Multi-input Exact Linearization Method for PWM-type Input Sampled-data Systems. Transactions of the Society of Instrument and Control Engineers, 2018, 54, 194-200.	0.2	0
6	Star-shaped input-value sets of second-order PWM-type systems. , 2018, , .		2
7	Exact linearization of third-order systems with pulse-width-modulation-type inputs. Nonlinear Theory and Its Applications IEICE, 2018, 9, 204-217.	0.6	4
8	Hâˆž control of combustion in diesel engines using a discrete dynamics model. Journal of Physics: Conference Series, 2016, 744, 012105.	0.4	0
9	Determination of the End of Positioning Phase Using SVM: Kernel Choice and Parameter Tuning**This work was supported by JSPS KAKENHI Grant Number 25420429.. IFAC-PapersOnLine, 2016, 49, 103-108.	0.9	1
10	Exact Linearization of PWM-control Systems Using Input Transformation. Transactions of the Society of Instrument and Control Engineers, 2016, 52, 205-212.	0.2	2
11	Exact linearization of PWM-hold discrete-time systems using input transformation. , 2015, , .		9
12	System identification of a galvano scanner using input-output data obtained from positioning control. , 2015, , .		6
13	Exact Linearization of Three-Dimensional LTI Systems with PWM Inputs. IFAC-PapersOnLine, 2015, 48, 267-272.	0.9	3
14	Absolute instability of Lur'e systems and its application to oscillation analysis of uncertain genetic networks. International Journal of Robust and Nonlinear Control, 2015, 25, 3746-3762.	3.7	2
15	Simultaneous optimization of slab permutation scheduling and heat controlling for a reheating furnace. Journal of Process Control, 2014, 24, 225-238.	3.3	18
16	Analysis and stabilization for networked linear hyperbolic systems of rationally dependent conservation laws. Automatica, 2013, 49, 3210-3221.	5.0	6
17	Knock-out/down-based structure identification in networks of heterogeneous subsystems. , 2013, , .		1
18	Node knock-out based structure identification in networks of identical multi-dimensional subsystems. , 2013, , .		4

#	Article	IF	Citations
19	Model-free Unscented Kalman Filter with the Modified Method of Analogues. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 40-44.	0.4	2
20	Boundary Feedback Control of Coupled Hyperbolic Linear PDEs Systems with Nonlinear Boundary Conditions. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 14464-14469.	0.4	2
21	Controllability and observability of networked systems of linear hyperbolic partial differential equations. , 2011, , .		1
22	Controlling a class of hyperbolic distributed parameter systems producing ideal turbulence. , 2011, , .		1
23	CONTROLLING IDEAL TURBULENCE IN TIME-DELAYED CHUA'S CIRCUIT: STABILIZATION AND SYNCHRONIZATION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 1351-1363.	1.7	10
24	Controlling ideal turbulence in time-delayed chua's circuits and an application to communications. , 2009, , .		3
25	Controlling ideal turbulence: Stabilization and synchronization of time-delayed Chua's circuits. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 56-61.	0.4	0
26	A butterfly-shaped localization set for the Lorenz attractor. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 2614-2617.	2.1	9
27	A study on global stabilization of periodic orbits in discrete-time chaotic systems by using symbolic dynamics. Kybernetika, 0, , 4-19.	0.0	0