

Shu-Jun Liu

List of Publications by Year in descending order

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22
papers

1,427
citations

687363

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1058476

14
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all docs

22
docs citations

22
times ranked

693
citing authors

#	ARTICLE	IF	CITATIONS
1	Decentralized adaptive output-feedback stabilization for large-scale stochastic nonlinear systems. <i>Automatica</i> , 2007, 43, 238-251.	5.0	527
2	Adaptive output-feedback control for a class of uncertain stochastic non-linear systems with time delays. <i>International Journal of Control</i> , 2008, 81, 1210-1220.	1.9	179
3	Global output-feedback stabilization for a class of stochastic non-minimum-phase nonlinear systems. <i>Automatica</i> , 2008, 44, 1944-1957.	5.0	129
4	A notion of stochastic input-to-state stability and its application to stability of cascaded stochastic nonlinear systems. <i>Acta Mathematicae Applicatae Sinica</i> , 2008, 24, 141-156.	0.7	107
5	Output-feedback control of a class of stochastic nonlinear systems with linearly bounded unmeasurable states. <i>International Journal of Robust and Nonlinear Control</i> , 2008, 18, 665-687.	3.7	105
6	Stochastic source seeking for nonholonomic unicycle. <i>Automatica</i> , 2010, 46, 1443-1453.	5.0	102
7	Stochastic Averaging in Continuous Time and Its Applications to Extremum Seeking. <i>IEEE Transactions on Automatic Control</i> , 2010, 55, 2235-2250.	5.7	95
8	Stochastic Nash Equilibrium Seeking for Games with General Nonlinear Payoffs. <i>SIAM Journal on Control and Optimization</i> , 2011, 49, 1659-1679.	2.1	48
9	Newton-based stochastic extremum seeking. <i>Automatica</i> , 2014, 50, 952-961.	5.0	36
10	Stochastic Averaging in Discrete Time and its Applications to Extremum Seeking. <i>IEEE Transactions on Automatic Control</i> , 2016, 61, 90-102.	5.7	30
11	Continuous-Time Stochastic Averaging on the Infinite Interval for Locally Lipschitz Systems. <i>SIAM Journal on Control and Optimization</i> , 2010, 48, 3589-3622.	2.1	17
12	A Single Forward-Velocity Control Signal for Stochastic Source Seeking With Multiple Nonholonomic Vehicles. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2014, 136, .	1.6	16
13	Batch-to-Batch Finite-Horizon LQ Control for Unknown Discrete-Time Linear Systems Via Stochastic Extremum Seeking. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 4116-4123.	5.7	15
14	Stochastic nonholonomic source seeking. , 2010, , .		8
15	Discrete-time Stochastic Source Seeking via Tuning of Forward Velocity**This work is supported by National Natural Science Foundation of China (No.61174043, No.61322311).. <i>IFAC-PapersOnLine</i> , 2015, 48, 927-932.	0.9	6
16	Finite-time stabilization for a class of stochastic nonlinear systems with stochastic inverse dynamics. , 2016, , .		5
17	Discrete-time stochastic source seeking with multiple nonholonomic unicycles. , 2016, , .		1
18	Finite-time stabilization for a class of stochastic nonlinear systems with Markovian switching. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Stochastic averaging on infinite time interval for a class of nonlinear systems with stochastic perturbation. , 2009, , .		0
20	Source seeking via stochastic approximation algorithm with expanding truncations. , 2016, , .		0
21	Distributed sourcing seeking via stochastic approximation algorithm with expanding truncations. , 2017, , .		0
22	Adaptive Finite-time Stabilization of Weak Solutions for a Class of Stochastic Nonlinear Systems with Parametric Uncertainty. , 2018, , .		0