

# Satnesh Singh

## List of Publications by Year in descending order

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30  
papers

145  
citations

1478280

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1372474

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32  
all docs

32  
docs citations

32  
times ranked

59  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transformed Parameter Dependent Sliding Mode Control for Discrete-Time LPV Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1417-1421.	2.2	0
2	Design of Integral Sliding Mode Control Using Decoupled Disturbance Compensator with Mismatched Disturbances. International Journal of Control, Automation and Systems, 2021, 19, 3264-3272.	1.6	6
3	Adaptive single input sliding mode control for hybrid-synchronization of uncertain hyperchaotic Lu systems. Journal of the Franklin Institute, 2021, 358, 7468-7484.	1.9	8
4	Polynomially parameter dependent exponential stabilization of sampled-data LPV systems. Applied Mathematics and Computation, 2021, 411, 126473.	1.4	1
5	Discrete Stochastic Sliding Mode with Functional Observation. Studies in Systems, Decision and Control, 2021, , 119-144.	0.8	1
6	Decoupled Disturbance Compensator Based Discrete-time Stochastic Sliding Mode Control with Experimental Results. International Journal of Control, Automation and Systems, 2021, 19, 3688-3697.	1.6	1
7	Functional Observer-Based Sliding Mode Control for Discrete-Time Stochastic Systems $\hat{U}$ nmatched Uncertainty. Lecture Notes in Control and Information Sciences, 2020, , 45-59.	0.6	1
8	Stochastic Sliding Mode Control for Parametric Uncertain Systems Using a Functional Observer. Lecture Notes in Control and Information Sciences, 2020, , 61-70.	0.6	0
9	Functional Observer-Based Sliding Mode Control for Discrete-Time Delayed Stochastic Systems. Lecture Notes in Control and Information Sciences, 2020, , 71-96.	0.6	0
10	Functional Observer-Based Sliding Mode Control for Parametric Uncertain Discrete-Time Delayed Stochastic Systems. Lecture Notes in Control and Information Sciences, 2020, , 97-112.	0.6	0
11	Preliminary Concepts. Lecture Notes in Control and Information Sciences, 2020, , 1-24.	0.6	0
12	Design of Sliding Mode Control for Discrete-Time Stochastic Systems with Bounded Disturbances. Lecture Notes in Control and Information Sciences, 2020, , 25-32.	0.6	0
13	Functional observer-based sliding mode controller design for discrete-time stochastic LTI systems with unmatched uncertainty. International Journal of Systems Science, 2019, 50, 1179-1189.	3.7	8
14	Discrete-time Quasi-Sliding Mode Control of Singularly Perturbed Systems. , 2019, , .		0
15	Adaptive Sliding Mode Controller using Finite-Time Functional Observer for Continuous-time LTI Systems with Unknown Inputs. , 2019, , .		0
16	Sliding mode control design for parametric uncertain stochastic systems with state delay using functional observer. IET Control Theory and Applications, 2019, 13, 562-571.	1.2	4
17	Stochastic Sliding Mode Control for Parametric Uncertain Systems Using Functional Observer. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1346-1350.	2.2	8
18	Adaptive Higher Order Sliding Mode Control for Nonlinear Uncertain Systems. IFAC-PapersOnline, 2018, 51, 341-346.	0.5	6

#	ARTICLE	IF	CITATIONS
19	Linear Functional Observers for Unforced Multi-Output Nonlinear Systems. IFAC-PapersOnLine, 2018, 51, 708-712.	0.5	2
20	Functional observer-based sliding mode control for linear discrete-time-delayed stochastic systems. International Journal of Systems Science, 2018, 49, 1895-1907.	3.7	5
21	Sliding mode control-based linear functional observers for discrete-time stochastic systems. International Journal of Systems Science, 2017, 48, 3246-3253.	3.7	18
22	Stochastic discrete higher order sliding mode control. , 2017, , .		7
23	Functional observer design for linear discrete-time stochastic system. , 2017, , .		4
24	A modified discrete-time sliding surface design for unmatched uncertainties. , 2017, , .		5
25	Single input sliding mode control for hyperchaotic Lu system with parameter uncertainty. International Journal of Dynamics and Control, 2016, 4, 504-514.	1.5	15
26	Continuity and order of continuity in discrete-time higher order sliding mode. , 2015, , .		9
27	Stochastic variable structure control of discrete time LTI systems with bounded disturbances. , 2015, , .		7
28	Sliding mode control-based stabilisation and secure communication scheme for hyperchaotic systems. International Journal of Automation and Control, 2012, 6, 1.	0.3	11
29	Active control systems for anti-synchronization based on sliding mode control. , 2011, , .		2
30	Sliding Mode Control Based Anti-Synchronization Scheme for Hyperchaotic Lu Systems. , 2011, , .		13