

Rosalba Galvn-Guerra

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Robust Multi-Model Predictive Control via Integral Sliding Modes. , 2022, 6, 2623-2628.		4
2	Fault-Tolerant Control with Control Allocation for Time-Varying Linear Systems by Using Continuous Integral Sliding Modes. Mathematical Problems in Engineering, 2021, 2021, 1-9.	1.1	1
3	Finite-Time Current Tracking in Boost Converters by Using a Saturated Super-Twisting Algorithm. Complexity, 2020, 2020, 1-16.	1.6	1
4	Implementación de Controladores por Modos Deslizantes en un Convertidor Boost. PÃ„DI BoletÃ„n CientÃ„fico De Ciencias BÃ„sicas E IngenierÃ„as Del ICBI, 2020, 8, 82-91.	0.0	0
5	Integral Sliding Mode Observation and Control for Switched Uncertain Linear Time Invariant Systems: a Robustifying Strategy. Asian Journal of Control, 2018, 20, 1551-1565.	3.0	18
6	Fault-tolerant control with control allocation for linear time varying systems: an output integral sliding mode approach. IET Control Theory and Applications, 2017, 11, 245-253.	2.1	4
7	Robust Generation of Self-Oscillation in Pendulum Systems: A switched Integral Sliding Mode Control Approach * *This paper was financial supported by UNAM-DGAPA-PAPIIT, grant IN112915. IFAC-PapersOnLine, 2017, 50, 7163-7168.	0.9	2
8	Robustification of time varying linear quadratic optimal control based on output integral sliding modes. IET Control Theory and Applications, 2015, 9, 563-572.	2.1	14
9	On the hybrid LQ-based control design for linear networked systems. Journal of the Franklin Institute, 2010, 347, 1214-1226.	3.4	12
10	Discussion on: "A Decentralized Sliding Control Approach for Distributed Simulation of Differential-Algebraic Equation Systems" European Journal of Control, 2010, 16, 362-364.	2.6	0
11	Decentralized Adaptive Soft Computing Control of Distributed Parameter Bioprocess Plant. Studies in Computational Intelligence, 2010, , 201-228.	0.9	0
12	Centralized Direct and Indirect Neural Control of Distributed Parameter Systems. Studies in Computational Intelligence, 2009, , 63-81.	0.9	1
13	Fuzzy-Neural control of a distributed parameter bioprocess plant. , 2008, , .		6
14	Decentralized indirect adaptive Fuzzy-Neural Multi-Model control of a distributed parameter bioprocess plant. , 2008, , .		4
15	Decentralized direct adaptive Fuzzy-Neural control of an anaerobic digestion bioprocess plant. , 2008, , .		3
16	Centralized Indirect Control of an Anaerobic Digestion Bioprocess Using Recurrent Neural Identifier. Lecture Notes in Computer Science, 2008, , 297-310.	1.3	7
17	A Sliding Mode Control Using Fuzzy-Neural Hierarchical Multi-model Identifier. , 2007, , 762-771.		4
18	Anaerobic Digestion Process Identification Using Recurrent Neural Network Model. , 2007, , .		1

#	ARTICLE	IF	CITATIONS
19	Super-Twisting Control for trajectory tracking of a four-degree of freedom anthropomorphic robot manipulator. Nova Scientia, 0, , .	0.1	0