Jorge-Humberto Urrea-Quintero

List of Publications by Year
in descending order

13 papers	48 citations	2258059 3 h-index	1872680 6 g-index
13 all docs	13 docs citations	13 times ranked	35 citing authors

#	Article	IF	Citations
1	PI/PID controller stabilizing sets of uncertain nonlinear systems: an efficient surrogate model-based approach. Nonlinear Dynamics, 2021, 105, 277-299.	5.2	6
2	Robust Control of Shunt Active Power Filters: A Dynamical Model-Based Approach with Verified Controllability. Energies, 2020, 13, 6253.	3.1	4
3	Multiscale modeling of a free-radical emulsion polymerization process: Numerical approximation by the Finite Element Method. Computers and Chemical Engineering, 2020, 140, 106974.	3.8	12
4	Towards a controllability analysis of multiscale systems: Application of the set-theoretic approach to a semi-batch emulsion polymerization process. Computers and Chemical Engineering, 2020, 138, 106833.	3.8	3
5	A reduced-order multiscale model of a free-radical semibatch emulsion polymerization process. Computers and Chemical Engineering, 2019, 127, 11-24.	3.8	7
6	Evolutionary Control Systems. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2018, , 195-237.	0.5	1
7	Control de TensiÃ³n en el Bus DC para Compensadores Activos de Potencia Conectados en Paralelo. Informacion Tecnologica (discontinued), 2017, 28, 115-124.	0.3	2
8	Evolutionary Tuning of Optimal PID Controllers for Second Order Systems Plus Time Delay. Studies in Computational Intelligence, 2016, , 3-20.	0.9	2
9	Evolutionary Tuning of Optimal Controllers for Complex Systems. , 2014, , .		0
10	SOSPD Controllers Tuning by Means of an Evolutionary Algorithm. International Journal of Natural Computing Research, 2014, 4, 40-58.	0.5	3
11	Optimum PI/PID Controllers Tuning via an Evolutionary Algorithm. , 0, , .		4
12	Analysis and Control of Power Electronic Converters Based on a System Zero Locations Approach. , 0, , .		3
13	SOSPD Controllers Tuning by Means of an Evolutionary Algorithm. , 0, , 856-873.		1