

Jorge-Humberto Urrea-Quintero

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

48
citations

2258059

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1872680

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g-index

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all docs

13
docs citations

13
times ranked

35
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A reduced-order multiscale model of a free-radical semibatch emulsion polymerization process. Computers and Chemical Engineering, 2019, 127, 11-24.	3.8	7
3	PI/PID controller stabilizing sets of uncertain nonlinear systems: an efficient surrogate model-based approach. Nonlinear Dynamics, 2021, 105, 277-299.	5.2	6
4	Optimum PI/PID Controllers Tuning via an Evolutionary Algorithm. , 0, , .		4
5	Robust Control of Shunt Active Power Filters: A Dynamical Model-Based Approach with Verified Controllability. Energies, 2020, 13, 6253.	3.1	4
6	Analysis and Control of Power Electronic Converters Based on a System Zero Locations Approach. , 0, , .		3
7	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
8	SOSPD Controllers Tuning by Means of an Evolutionary Algorithm. International Journal of Natural Computing Research, 2014, 4, 40-58.	0.5	3
9	Control de Tensi3n en el Bus DC para Compensadores Activos de Potencia Conectados en Paralelo. Informacion Tecnologica (discontinued), 2017, 28, 115-124.	0.3	2
10	Evolutionary Tuning of Optimal PID Controllers for Second Order Systems Plus Time Delay. Studies in Computational Intelligence, 2016, , 3-20.	0.9	2
11	SOSPD Controllers Tuning by Means of an Evolutionary Algorithm. , 0, , 856-873.		1
12	Evolutionary Control Systems. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2018, , 195-237.	0.5	1
13	Evolutionary Tuning of Optimal Controllers for Complex Systems. , 2014, , .		0