Jorge D Rios

List of Publications by Year
in descending order

22 papers	142 citations	8 h-index	11 g-index
22 all docs	22 docs citations	22 times ranked	140 citing authors

#	Article	IF	Citations
1	Adaptive neural PD controllers for mobile manipulator trajectory tracking. PeerJ Computer Science, 2021, 7, e393.	2.7	3
2	Real-time neural observer-based controller for unknown nonlinear discrete delayed systems. International Journal of Robust and Nonlinear Control, 2020, 30, 8402-8429.	2.1	9
3	Environment Classification for Unmanned Aerial Vehicle Using Convolutional Neural Networks. Applied Sciences (Switzerland), 2020, 10, 4991.	1.3	2
4	Discrete-Time Neural Control of Quantized Nonlinear Systems with Delays: Applied to a Three-Phase Linear Induction Motor. Electronics (Switzerland), 2020, 9, 1274.	1.8	2
5	An Autonomous Path Controller in a System on Chip for Shrimp Robot. Electronics (Switzerland), 2020, 9, 441.	1.8	5
6	Adaptive Single Neuron Anti-Windup PID Controller Based on the Extended Kalman Filter Algorithm. Electronics (Switzerland), 2020, 9, 636.	1.8	11
7	High-Order Sliding Modes Based On-Line Training Algorithm for Recurrent High-Order Neural Networks. IFAC-PapersOnLine, 2020, 53, 8187-8192.	0.5	1
8	Neural Evolutionary Predictive Control for Linear Induction Motors with Experimental Data. Studies in Computational Intelligence, 2020, , 373-389.	0.7	0
9	Real-time neural control of all-terrain tracked robots with unknown dynamics and network communication delays. Ingeniería Investigación Y Tecnología, 2020, 21, 1-12.	0.2	1
10	Reduced-order Observer for State-dependent Coefficient Factorized Nonlinear Systems. Asian Journal of Control, 2019, 21, 1216-1227.	1.9	7
11	Optimized control and neural observers with germinal center optimization: A review. Annual Reviews in Control, 2019, 48, 273-280.	4.4	1
12	RHONN identifier-control scheme for nonlinear discrete-time systems with unknown time-delays. Journal of the Franklin Institute, 2018, 355, 218-249.	1.9	16
13	Neural Identifier-Control Scheme for Nonlinear Discrete Systems with Input Delay. Advances in Intelligent Systems and Computing, 2018, , 242-247.	0.5	0
14	Germinal Center Optimization Applied to Recurrent High Order Neural Network Observer. IFAC-PapersOnLine, 2018, 51, 332-337.	0.5	2
15	Germinal Center Optimization Applied to Neural Inverse Optimal Control for an All-Terrain Tracked Robot. Applied Sciences (Switzerland), 2018, 8, 31.	1.3	14
16	Real-time neural identification and inverse optimal control for a tracked robot. Advances in Mechanical Engineering, 2017, 9, 168781401769297.	0.8	8
17	Recurrent High Order Neural Observer for Discrete-Time Non-Linear Systems with Unknown Time-Delay. Neural Processing Letters, 2017, 46, 663-679.	2.0	9
18	Real-time neural inverse optimal control for a linear induction motor. International Journal of Control, 2017, 90, 800-812.	1.2	12

#	Article	IF	Citations
19	Neural identifier for unknown discrete-time nonlinear delayed systems. Neural Computing and Applications, 2016, 27, 2453-2464.	3.2	13
20	RHONN identifier for unknown nonlinear discrete-time delay systems. , 2015, , .		1
21	Real-time discrete neural control applied to a Linear Induction Motor. Neurocomputing, 2015, 164, 240-251.	3.5	20
22	Real-time discrete neural identifier for a linear induction motor using a dSPACE DS1104 board. , 2013, , .		5