

# Rosana Rego

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Learning-based robust neuro-control: A method to compute control Lyapunov functions. International Journal of Robust and Nonlinear Control, 2022, 32, 2644-2661.	3.7	6
2	Lyapunov-based continuous-time nonlinear control using deep neural network applied to underactuated systems. Engineering Applications of Artificial Intelligence, 2022, 107, 104519.	8.1	16
3	Nonlinear Control System with Reinforcement Learning and Neural Networks Based Lyapunov Functions. IEEE Latin America Transactions, 2021, 19, 1253-1260.	1.6	11
4	Presence Sensors: A Comparison Between the Ultrasonic and the Infrared in the Detection of People and Vehicles. Smart Innovation, Systems and Technologies, 2021, , 563-571.	0.6	0
5	An offline predictive control with ellipsoid invariant set for time-variant system. International Journal of Modelling, Identification and Control, 2021, 37, 121.	0.2	0
6	An offline predictive control with ellipsoid invariant set for time-variant system. International Journal of Modelling, Identification and Control, 2021, 37, 121.	0.2	0
7	Output Feedback Robust Control with Anti-Windup Applied to the 3SSC Boost Converter. IEEE Latin America Transactions, 2020, 18, 874-880.	1.6	7
8	Robust control with an anti-windup technique based in relaxed LMI conditions for LTV system. International Journal of Modelling, Identification and Control, 2020, 35, 298.	0.2	1
9	Robust control with an anti-windup technique based in relaxed LMI conditions for LTV system. International Journal of Modelling, Identification and Control, 2020, 35, 298.	0.2	0
10	LPV Modeling of Boost Converter and Gain Scheduling MPC Control. , 2019, , .		1
11	Análise e simulação do controlador MPC-AW-LMI aplicado ao conversor CCTE operando em condições de saturação no sinal de controle. , 0, , .		1
12	Controle MPC com Atrasos e Perdas de Pacotes. , 0, , .		0
13	Dynamic matrix control with input saturation constrained. , 0, , .		0