

Vlad Mihaly

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	\hat{H}_∞ -Synthesis for Fractional-Order Robust Controllers. Mathematics, 2021, 9, 911.	2.2	16
2	Unified CACSD Toolbox for Hybrid Simulation and Robust Controller Synthesis with Applications in DC-to-DC Power Converter Control. Mathematics, 2021, 9, 731.	2.2	15
3	\hat{H}_∞ -Synthesis FO-PID for Twin Rotor Aerodynamic System. Mathematics, 2021, 9, 2504.	2.2	15
4	Krasovskii Passivity and \hat{H}_∞ -Synthesis Controller Design for Quasi-Linear Affine Systems. Energies, 2021, 14, 5571.	3.1	13
5	Design and Control of a Self-Balancing Robot. , 2020, , .		4
6	Passivity-Based Controller for Nonideal DC-to-DC Boost Converter. , 2019, , .		3
7	Interior Point Methods for Renewable Energy Management. , 2020, , .		3
8	Iterative Refinement Procedure for Solutions to Algebraic Riccati Equations. , 2020, , .		3
9	Novel Fractional Order Controller Design for First Order Systems with Time Delay. , 2020, , .		3
10	LMI Conditions for CNC Cascade Controller Design - A State Feedback Approach. , 2022, , .		2
11	Worst-Case Execution Time Estimation for Numerical Controllers. , 2022, , .		1
12	Extended Nonideal Passivity Based Controller for DC-DC Boost Converter. , 2021, , .		0
13	Closed-Loop System Sensitivity Analysis for Passivity-Based Controller Parameters. , 2022, , .		0