Mircea Susca

List of Publications by Year
in descending order

16 papers	**82** citations	1684188 **5** h-index	2053705 **5** g-index
16 all docs	**16** docs citations	**16** times ranked	**7** citing authors

#	Article	IF	Citations
1	Closed-Loop System Sensitivity Analysis for Passivity-Based Controller Parameters. , 2022, , .		0
2	Worst-Case Execution Time Estimation for Numerical Controllers. , 2022, , .		1
3	LMI Conditions for CNC Cascade Controller Design - A State Feedback Approach. , 2022, , .		2
4	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
5	Î¼-Synthesis for Fractional-Order Robust Controllers. Mathematics, 2021, 9, 911.	2.2	16
6	Krasovskii Passivity and Î¼-Synthesis Controller Design for Quasi-Linear Affine Systems. Energies, 2021, 14, 5571.	3.1	13
7	Î¼-Synthesis FO-PID for Twin Rotor Aerodynamic System. Mathematics, 2021, 9, 2504.	2.2	15
8	Extended Nonideal Passivity Based Controller for DC-DC Boost Converter. , 2021, , .		0
9	Interior Point Methods for Renewable Energy Management. , 2020, , .		3
10	Iterative Refinement Procedure for Solutions to Algebraic Riccati Equations. , 2020, , .		3
11	Design and Control of a Self-Balancing Robot. , 2020, , .		4
12	Passivity-Based Controller for Nonideal DC-to-DC Boost Converter. , 2019, , .		3
13	Novel Optimum Magnitude Based Fractional Order Controller Design Method. IFAC-PapersOnLine, 2018, 51, 912-917.	0.9	6
14	General-purpose model of a three-phase asynchronous machine for simulation. , 2018, , .		0
15	Optimization for CNC pathing. , 2018, , .		0
16	Notch filter sensitivity analysis with root locus considering parameter uncertainty. , 2016, , .		1