Serdar Ethem Hamamci

List of Publications by Year
in descending order

29 papers	809 citations	933410 10 h-index	1125717 13 g-index
29 all docs	29 docs citations	29 times ranked	576 citing authors

#	Article	IF	Citations
1	An Algorithm for Stabilization of Fractional-Order Time Delay Systems Using Fractional-Order PID Controllers. IEEE Transactions on Automatic Control, 2007, 52, 1964-1969.	5.7	343
2	Stabilization using fractional-order PI and PID controllers. Nonlinear Dynamics, 2007, 51, 329-343.	5.2	129
3	Calculation of all stabilizing fractional-order PD controllers for integrating time delay systems. Computers and Mathematics With Applications, 2010, 59, 1621-1629.	2.7	105
4	Design of PI controllers for achieving time and frequency domain specifications simultaneously. ISA Transactions, 2006, 45, 529-543.	5.7	55
5	Simulation and implementation of memristive chaotic system and its application for communication systems. Sensors and Actuators A: Physical, 2019, 290, 107-118.	4.1	38
6	Design of a hyperchaotic memristive circuit based on wien bridge oscillator. Computers and Electrical Engineering, 2020, 88, 106826.	4.8	24
7	Application and Modeling of a Novel 4D Memristive Chaotic System for Communication Systems. Circuits, Systems, and Signal Processing, 2020, 39, 3320-3349.	2.0	23
8	Stability region analysis in Smith predictor configurations using a PI controller. Transactions of the Institute of Measurement and Control, 2015, 37, 606-614.	1.7	15
9	A program for the design of linear time invariant control systems: CDMCAD. Computer Applications in Engineering Education, 2004, 12, 165-174.	3.4	12
10	Combined kinetic charging of particles on the precipitating electrode in a corona field. Journal Physics D: Applied Physics, 2004, 37, 1459-1466.	2.8	11
11	A robust model-based control for uncertain systems. Transactions of the Institute of Measurement and Control, 2002, 24, 431-445.	1.7	9
12	A robust polynomial-based control for stable processes with time delay. Electrical Engineering, 2005, 87, 163-172.	2.0	9
13	Computation of all stabilizing first order controllers for fractional-order systems. , 2008, , .		8
14	Smith predictor design by CDM. , 2001, , .		7
15	A controller based on coefficient diagram method for the robotic manipulators. , 0, , .		6
16	Robust controller design for TITO processes with coefficient diagram method. , 0, , .		3
17	Fractional order PI. , 2010, , .		3
18	Comparison of Different Memristor Emulators on Low-Pass Filter Circuit. , 2019, , .		2

#	Article	IF	Citations
19	Electrification in Urban Transport: A Case Study with Real-time Data. Balkan Journal of Electrical and Computer Engineering, 2021, 9, 69-77.	0.6	2
20	A new chaotic system with chaos entanglement. , 2015, , .		1
21	Performance Comparison of Various Memristor Emulators on a Phase Shifting Oscillator Circuit. , 2020, , .		1
22	Transient Response Control by Fractional-Order PI Controllers. , 2011, , .		1
23	MemristÃ¶r TabanlÄ± Filtre TasarÄ±mÄ± ve ECG Sinyali iÃ§in UygulanmasÄ±. Bitlis Eren Ãœniversitesi Fen Bilimleri Dergisi, 2020, 9, 756-765.	0.5	1
24	Investigation of Power Consumption Effect of Various Memristor Emulators on a Logic Gate. European Journal of Technic, 0, , .	0.3	1
25	Advances in Control Theory and Applications: Selected papers from TOK 2013. Transactions of the Institute of Measurement and Control, 2015, 37, 579-581.	1.7	0
26	Obtaining of time response from frequency response of fractional order systems. , 2015, , .		0
27	Implementation of applied prediction with YSA for data groups with association rule. , 2017, , .		0
28	Implementation of Pid Type Fuzzy Logic Controller With Digital Signal Controller. , 2018, , .		0
29	Proportionalâ€"integralâ€"derivative stabilization of complex conjugate-order systems. Transactions of the Institute of Measurement and Control, 0, , 014233122210958.	1.7	0