Serdar Ethem Hamamci

List of Publications by Year in Descending Order

18 papers	567 citations	9 h-index	23 g-index
29 ext. papers	705 ext. citations	2.4 avg, IF	4.49 L-index

#	Paper	IF	Citations
18	Electrification in Urban Transport: A Case Study with Real-time Data. *Balkan Journal of Electrical and Computer Engineering*, **2021**, 9, 69-77	0.3	0
17	Memristör Tabanlı Filtre Tasarımı ve ECG Sinyali için Uygulanması. *Bitlis Eren Üniversitesi Fen Bilimleri Dergisi*, **2020**, 9, 756-765	0.1	0
16	Application and Modeling of a Novel 4D Memristive Chaotic System for Communication Systems. *Circuits, Systems, and Signal Processing*, **2020**, 39, 3320-3349	2.2	9
15	Design of a hyperchaotic memristive circuit based on wien bridge oscillator. *Computers and Electrical Engineering*, **2020**, 88, 106826	4.3	5
14	Simulation and implementation of memristive chaotic system and its application for communication systems. *Sensors and Actuators A: Physical*, **2019**, 290, 107-118	3.9	29
13	A new chaotic system with chaos entanglement **2015**,		1
12	Stability region analysis in Smith predictor configurations using a PI controller. *Transactions of the Institute of Measurement and Control*, **2015**, 37, 606-614	1.8	12
11	Fractional order PID control strategy for a Liquid Level System **2010**,		1
10	Calculation of all stabilizing fractional-order PD controllers for integrating time delay systems. *Computers and Mathematics With Applications*, **2010**, 59, 1621-1629	2.7	83
9	Computation of all stabilizing first order controllers for fractional-order systems **2008**,		5
8	Stabilization using fractional-order PI and PID controllers. *Nonlinear Dynamics*, **2007**, 51, 329-343	5	95
7	An Algorithm for Stabilization of Fractional-Order Time Delay Systems Using Fractional-Order PID Controllers. *IEEE Transactions on Automatic Control*, **2007**, 52, 1964-1969	5.9	258
6	Design of PI controllers for achieving time and frequency domain specifications simultaneously. *ISA Transactions*, **2006**, 45, 529-43	5.5	35
5	A robust polynomial-based control for stable processes with time delay. *Electrical Engineering*, **2005** , 87, 163-172	1.5	4
4	Combined kinetic charging of particles on the precipitating electrode in a corona field. *Journal Physics D: Applied Physics*, **2004**, 37, 1459-1466	3	10
3	A program for the design of linear time invariant control systems: CDMCAD. *Computer Applications in Engineering Education*, **2004**, 12, 165-174	1.6	9
2	A robust model-based control for uncertain systems. *Transactions of the Institute of Measurement and Control*, **2002**, 24, 431-445	1.8	8

List of Publications

1	Proportional–Integral–Derivative stabilization of complex conjugate-order systems. *Transactions of the Institute of Measurement and Control*,014233122210958	1.8