Mohammad Ataei

List of Publications by Year
in descending order

35 papers	500 citations	1039880 9 h-index	713332 21 g-index
35 all docs	35 docs citations	35 times ranked	541 citing authors

#	Article	IF	Citations
1	Finite-time disturbance observer based-control of flexible spacecraft. JVC/Journal of Vibration and Control, 2023, 29, 346-361.	1.5	4
2	Finiteâ€time control of spacecraft and hardware in the loop tuning. Asian Journal of Control, 2023, 25, 262-270.	1.9	2
3	Computing frequency response of nonâ€parametric uncertainty model of MIMO systems using Ï…â€gap metric optimization. IET Control Theory and Applications, 2021, 15, 1115-1125.	1.2	0
4	An observer for a class of nonlinear systems with multiple state and measurement delays: A differential geometry-based approach. European Journal of Control, 2020, 56, 132-141.	1.6	4
5	Chaos-based analysis of heart rate variability time series in obstructive sleep apnea subjects. Journal of Medical Signals and Sensors, 2020, 10, 53.	0.5	5
6	Continuous nonsingular terminal sliding mode control based on adaptive sliding mode disturbance observer for uncertain nonlinear systems. Automatica, 2019, 109, 108515.	3.0	135
7	Predictionâ€based sliding mode control of nonâ€linear systems with input delay using disturbance observer. IET Control Theory and Applications, 2019, 13, 2047-2055.	1.2	3
8	Asymptotic stabilization of a class of nonlinear systems with long input delay in the presence of disturbance. ISA Transactions, 2019, 91, 125-134.	3.1	5
9	Voltage-Dip Analysis of Brushless Doubly Fed Induction Generator Using Reduced T-Model. IEEE Transactions on Industrial Electronics, 2019, 66, 7510-7519.	5.2	9
10	Time-Delay Estimation in State and Output Equations of Nonlinear Systems Using Optimal Computational Approach. Journal of Optimization Theory and Applications, 2019, 180, 1036-1064.	0.8	4
11	Applying a modified version of Lyapunov exponent for cancer diagnosis in biomedical images: the case of breast mammograms. Multidimensional Systems and Signal Processing, 2018, 29, 19-33.	1.7	13
12	A New Smooth Synchronization of Brushless Doubly-Fed Induction Generator by Applying a Proposed Machine Model. IEEE Transactions on Sustainable Energy, 2018, 9, 371-380.	5.9	29
13	Sliding Mode Observer for Uncertain Nonlinear Systems based on Generalized Lipschitz Condition. , 2018, , .		0
14	Cascade high-gain observers for a class of nonlinear systems with large delayed measurements. International Journal of Systems Science, 2018, 49, 2558-2570.	3.7	4
15	Reducedâ€order model of cascaded doubly fed induction generator for aircraft starter/generator. IET Electric Power Applications, 2018, 12, 757-766.	1.1	6
16	Nonlinear Analysis of the Contour Boundary Irregularity of Skin Lesion Using Lyapunov Exponent and K-S Entropy. Journal of Medical and Biological Engineering, 2017, 37, 409-419.	1.0	8
17	High-gain sliding mode observers for a class of nonlinear uncertain delay systems. , 2017, , .		0
18	Stability analysis of networked control systems with time varying delays. , 2017, , .		5

#	Article	IF	Citations
19	Robust Implementation of Distribution Static Compensator Along With Bridge Type Fault Current Limiter for Fault Ride Through Enhancement of Fixed Speed Wind Turbines. IEEE Access, 2017, 5, 14490-14501.	2.6	11
20	Robust nonlinear observer for systems with generalized sector nonlinearity and time-varying delay. Nonlinear Dynamics, 2017, 89, 2879-2887.	2.7	2
21	Designing Sequence With Minimum PSL Using Chebyshev Distance and its Application for Chaotic MIMO Radar Waveform Design. IEEE Transactions on Signal Processing, 2017, 65, 690-704.	3.2	59
22	Chebyshev chaotic polynomials for MIMO radar waveform generation. IET Radar, Sonar and Navigation, 2017, 11, 330-340.	0.9	14
23	Time-delay estimation of nonlinear systems with delay in states and outputs. , 2016, , .		2
24	Chaotic attitude analysis of a satellite via Lyapunov exponents and its robust nonlinear control subject to disturbances and uncertainties. Nonlinear Dynamics, 2016, 83, 361-374.	2.7	12
25	Bifurcation and chaos control in power-factor-correction boost converter. , 2014, , .		5
26	A coordinated MIMO control design for a power plant using improved sliding mode controller. ISA Transactions, 2014, 53, 415-422.	3.1	20
27	Modeling and chaos control of current mode controlled switching converter with ramp compensation. , 2014, , .		1
28	Substation automation system using IEC 61850. , 2011, , .		24
29	A New Approach to Multifunctional Dynamic Voltage Restorer Implementation for Emergency Control in Distribution Systems. IEEE Transactions on Power Delivery, 2011, 26, 882-890.	2.9	73
30	Eigenvalue assignment by minimal state-feedback gain in LTI multivariable systems. International Journal of Control, 2011, 84, 1956-1964.	1.2	14
31	Robust synchronization of a class of uncertain chaotic systems based on quadratic optimal theory and adaptive strategy. Chaos, 2010, 20, 043137.	1.0	0
32	Three dimensional analysis of an AC electric arc furnace. , 2009, , .		3
33	Optimizing LQR and pole placement to control buck converter by genetic algorithm. , 2007, , .		24
34	The control of a double-pendulum system. , 2007, , .		0
35	Observer design for one-sided Lipschitz discrete-time Switched non-linear systems under asynchronous switching. IMA Journal of Mathematical Control and Information, 0, , .	1.1	0