Mohammad Haeri

List of Publications by Citations

184 papers	3,762 citations	30 h-index	55 g-index
220 ext. papers	4,431 ext. citations	3.2 avg, IF	6.03 L-index

#	Paper	IF	Citations
184	A necessary condition for double scroll attractor existence in fractional-order systems. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2007**, 367, 102-113	2.3	263
183	Chaotic attractors in incommensurate fractional order systems. *Physica D: Nonlinear Phenomena*, **2008**, 237, 2628-2637	3.3	239
182	Comparison of different one-dimensional maps as chaotic search pattern in chaos optimization algorithms. *Applied Mathematics and Computation*, **2007**, 187, 1076-1085	2.7	191
181	Synchronization of chaotic fractional-order systems via active sliding mode controller. *Physica A: Statistical Mechanics and Its Applications*, **2008**, 387, 57-70	3.3	191
180	A note on the stability of fractional order systems. *Mathematics and Computers in Simulation*, **2009**, 79, 1566-1576	3.3	171
179	A proof for non existence of periodic solutions in time invariant fractional order systems. *Automatica*, **2009**, 45, 1886-1890	5.7	136
178	Unreliability of frequency-domain approximation in recognising chaos in fractional-order systems. *IET Signal Processing*, **2007**, 1, 171-181	1.7	120
177	Limitations of frequency domain approximation for detecting chaos in fractional order systems. *Nonlinear Analysis: Theory, Methods & Applications*, **2008**, 69, 1299-1320	1.3	112
176	Some Applications of Fractional Calculus in Suppression of Chaotic Oscillations. *IEEE Transactions on Industrial Electronics*, **2008**, 55, 4094-4101	8.9	100
175	More Details on Analysis of Fractional-order Van der Pol Oscillator. *JVC/Journal of Vibration and Control*, **2009**, 15, 803-819	2	81
174	Chaos control via a simple fractional-order controller. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2008**, 372, 798-807	2.3	70
173	Fractional order model reduction approach based on retention of the dominant dynamics: application in IMC based tuning of FOPI and FOPID controllers. *ISA Transactions*, **2011**, 50, 432-42	5.5	68
172	Rational approximations in the simulation and implementation of fractional-order dynamics: A descriptor system approach. *Automatica*, **2010**, 46, 94-100	5.7	64
171	On robust stability of LTI fractional-order delay systems of retarded and neutral type. *Automatica*, **2010**, 46, 362-368	5.7	63
170	Modeling the Parkinson's tremor and its treatments. *Journal of Theoretical Biology*, **2005**, 236, 311-22	2.3	56
169	An optimization algorithm based on chaotic behavior and fractal nature. *Journal of Computational and Applied Mathematics*, **2007**, 206, 1070-1081	2.4	55
168	Model predictive control of non-linear discrete time systems: a linear matrix inequality approach. *IET Control Theory and Applications*, **2010**, 4, 1922-1932	2.5	49

167	Robust stability testing function and Kharitonov-like theorem for fractional order interval systems. *IET Control Theory and Applications*, **2010**, 4, 2097-2108	2.5	49
166	Simple Fractional Order Model Structures and their Applications in Control System Design. *European Journal of Control*, **2010**, 16, 680-694	2.5	47
165	Synchronizing different chaotic systems using active sliding mode control. *Chaos, Solitons and Fractals*, **2007**, 31, 119-129	9.3	44
164	Robust model predictive control of nonlinear processes represented by Wiener or Hammerstein models. *Chemical Engineering Science*, **2015**, 129, 223-231	4.4	40
163	. *IEEE Transactions on Automatic Control*, **2018**, 63, 2234-2241	5.9	37
162	Linear Active Disturbance Rejection Control From the Practical Aspects. *IEEE/ASME Transactions on Mechatronics*, **2018**, 23, 2909-2919	5.5	36
161	Determination of active sliding mode controller parameters in synchronizing different chaotic systems. *Chaos, Solitons and Fractals*, **2007**, 32, 583-591	9.3	34
160	Stability Preservation Analysis for Frequency-Based Methods in Numerical Simulation of Fractional Order Systems. *SIAM Journal on Numerical Analysis*, **2009**, 47, 321-338	2.4	33
159	Synchronization of uncertain chaotic systems using active sliding mode control. *Chaos, Solitons and Fractals*, **2007**, 33, 1230-1239	9.3	33
158	Analysis of undamped oscillations generated by marginally stable fractional order systems. *Signal Processing*, **2008**, 88, 2971-2978	4.4	33
157	Adaptive flocking control of nonlinear multi-agent systems with directed switching topologies and saturation constraints. *Journal of the Franklin Institute*, **2013**, 350, 1545-1561	4	32
156	Stabilization of Unstable Fixed Points of Chaotic Fractional Order Systems by a State Fractional PI Controller. *European Journal of Control*, **2008**, 14, 247-257	2.5	32
155	Finite time control of robotic manipulators with position output feedback. *International Journal of Robust and Nonlinear Control*, **2017**, 27, 2982-2999	3.6	30
154	Integrated guidance and control of elastic flight vehicle based on robust MPC. *International Journal of Robust and Nonlinear Control*, **2015**, 25, 2608-2630	3.6	29
153	Analysis of a fractional order Van der Pol-like oscillator via describing function method. *Nonlinear Dynamics*, **2010**, 61, 265-274	5	29
152	Stability of linear time invariant fractional delay systems of retarded type in the space of delay parameters. *Automatica*, **2013**, 49, 1287-1294	5.7	28
151	Describing function based methods for predicting chaos in a class of fractional order differential equations. *Nonlinear Dynamics*, **2009**, 57, 363-373	5	28
150	Predictive functional control for active queue management in congested TCP/IP networks. *ISA Transactions*, **2009**, 48, 107-21	5.5	28

149	Modeling and control of a continuous crystallization process Part 2. Model predictive control. *Computers and Chemical Engineering*, **1999**, 23, 279-286	4	28
148	Necessary and Sufficient Conditions for BIBO-Stability of Some Fractional Delay Systems of Neutral Type. *IEEE Transactions on Automatic Control*, **2011**, 56, 125-128	5.9	27
147	Notes on the State Space Realizations of Rational Order Transfer Functions. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2011**, 58, 1099-1108	3.9	26
146	Welding current and arc voltage control in a GMAW process using ARMarkov based MPC. *Control Engineering Practice*, **2011**, 19, 1408-1422	3.9	26
145	Impulsive synchronization of different hyperchaotic (chaotic) systems. *Chaos, Solitons and Fractals*, **2008**, 38, 120-131	9.3	24
144	Impulsive synchronization of Chen's hyperchaotic system. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2006**, 356, 226-230	2.3	24
143	On robust stability of linear time invariant fractional-order systems with real parametric uncertainties. *ISA Transactions*, **2009**, 48, 484-90	5.5	22
142	Modeling of pain using artificial neural networks. *Journal of Theoretical Biology*, **2003**, 220, 277-84	2.3	22
141	Average consensus in networks of dynamic multi-agents with switching topology: infinite matrix products. *ISA Transactions*, **2012**, 51, 522-30	5.5	21
140	Using fractional-order integrator to control chaos in single-input chaotic systems. *Nonlinear Dynamics*, **2009**, 55, 179-190	5	21
139	Robust adaptive fault-tolerant control for leader-follower flocking of uncertain multi-agent systems with actuator failure. *ISA Transactions*, **2017**, 71, 227-234	5.5	20
138	Maximum Number of Frequencies in Oscillations Generated by Fractional Order LTI Systems. *IEEE Transactions on Signal Processing*, **2010**, 58, 4003-4012	4.8	20
137	The Minimal State Space Realization for a Class of Fractional Order Transfer Functions. *SIAM Journal on Control and Optimization*, **2010**, 48, 4317-4326	1.9	20
136	Identifiability of fractional order systems using input output frequency contents. *ISA Transactions*, **2010**, 49, 207-14	5.5	20
135	LMI-based sufficient conditions for robust stability and stabilization of LTI-fractional-order systems subjected to interval and polytopic uncertainties. *Transactions of the Institute of Measurement and Control*, **2015**, 37, 1207-1216	1.8	19
134	Model reduction in commensurate fractional-order linear systems. *Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering*, **2009**, 223, 493-505	1	18
133	Regular oscillations or chaos in a fractional order system with any effective dimension. *Nonlinear Dynamics*, **2008**, 54, 213-222	5	18
132	A new method to control heat and mass transfer to work piece in a GMAW process. *Journal of Process Control*, **2012**, 22, 1087-1102	3.9	17

131	Stabilization of fractional order systems using a finite number of state feedback laws. *Nonlinear Dynamics*, **2011**, 66, 141-152	5	17
130	Comparison between different synchronization methods of identical chaotic systems. *Chaos, Solitons and Fractals*, **2006**, 29, 1002-1022	9.3	17
129	Modeling and control of a continuous crystallization process Part 1. Linear and non-linear modeling. *Computers and Chemical Engineering*, **1999**, 23, 263-277	4	17
128	Chaos generation via a switching fractional multi-model system. *Nonlinear Analysis: Real World Applications*, **2010**, 11, 332-340	2.1	16
127	Flocking of multi-agent systems with multiple second-order uncoupled linear dynamics and virtual leader. *IET Control Theory and Applications*, **2016**, 10, 853-860	2.5	16
126	Estimation and control of droplet size and frequency in projected spray mode of a gas metal arc welding (GMAW) process. *ISA Transactions*, **2011**, 50, 409-18	5.5	15
125	Stability preservation analysis in direct discretization of fractional order transfer functions. *Signal Processing*, **2011**, 91, 508-512	4.4	15
124	Over- and under-convergent step responses in fractional-order transfer functions. *Transactions of the Institute of Measurement and Control*, **2010**, 32, 376-394	1.8	14
123	Characteristic ratio assignment in fractional order systems. *ISA Transactions*, **2010**, 49, 470-8	5.5	14
122	Implementation of MPC as an AQM controller. *Computer Communications*, **2010**, 33, 227-239	5.1	14
121	Undamped oscillations in fractional-order Duffing oscillator. *Signal Processing*, **2015**, 107, 361-367	4.4	13
120	Robust non-fragile fractional order PID controller for linear time invariant fractional delay systems. *Journal of Process Control*, **2014**, 24, 1489-1494	3.9	13
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118	Temperature Control of a Cutting Process Using Fractional Order Proportional-Integral-Derivative Controller. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2011**, 133,	1.6	13
117	Modified impulsive synchronization of hyperchaotic systems. *Communications in Nonlinear Science and Numerical Simulation*, **2010**, 15, 728-740	3.7	13
116	Control of high order integrator chain systems subjected to disturbance and saturated control: A new adaptive scheme. *Automatica*, **2019**, 100, 108-113	5.7	13
115	Robustness in fractional proportional–integral–derivative-based closed-loop systems. *IET Control Theory and Applications*, **2010**, 4, 1933-1944	2.5	12
114	Experimental study of a chaos-based communication system in the presence of unknown transmission delay. *International Journal of Circuit Theory and Applications*, **2010**, 38, 1013-1025	2	12

113	Fractional controller to stabilize fixed points of uncertain chaotic systems: Theoretical and experimental study. *Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering*, **2008**, 222, 175-184	1	12
112	Application of extended DMC for nonlinear MIMO systems. *Computers and Chemical Engineering*, **2005**, 29, 1867-1874	4	12
111	Study on Control Input Energy Efficiency of Fractional Order Control Systems. *IEEE Journal on Emerging and Selected Topics in Circuits and Systems*, **2013**, 3, 475-482	5.2	11
110	Robust stability check for fractional PID-based control systems. *Transactions of the Institute of Measurement and Control*, **2013**, 35, 236-246	1.8	11
109	Chaos in the APFM nonlinear adaptive filter. *Signal Processing*, **2009**, 89, 697-702	4.4	11
108	CDM-based design and performance evaluation of a robust AQM method for dynamic TCP/AQM networks. *Computer Communications*, **2009**, 32, 213-229	5.1	11
107	Order and pole locator estimation in fractional order systems using bode diagram. *Signal Processing* , **2011**, 91, 191-202	4.4	11
106	**2017**,		10
105	Adaptive model predictive TCP delay-based congestion control. *Computer Communications*, **2006**, 29, 1963-1978	5.1	10
104	Controllability analysis of networks through their topologies **2016**,		10
103	Smooth switching in a scheduled robust model predictive controller. *Journal of Process Control*, **2015**, 31, 55-63	3.9	9
102	Robustness and robust stability of the active sliding mode synchronization. *Chaos, Solitons and Fractals*, **2009**, 39, 196-203	9.3	9
101	Simplified modeling and generalized predictive position control of an ultrasonic motor. *ISA Transactions*, **2005**, 44, 273-82	5.5	9
100	A unified framework for passive□ctive fault-tolerant control systems considering actuator saturation and L□disturbances. *International Journal of Control*, **2019**, 92, 653-663	1.5	9
99	Model Predictive Control of Nonlinear Discrete Time Systems with Guaranteed Stability. *Asian Journal of Control*, **2020**, 22, 657-666	1.7	9
98	Constrained tracking control for nonlinear systems. *ISA Transactions*, **2017**, 70, 64-72	5.5	8
97	Design of a robust model predictive controller with reduced computational complexity. *ISA Transactions*, **2014**, 53, 1754-9	5.5	8
96	Stabilisation of commensurate fractional-order polytopic non-linear differential inclusion subject to input non-linearity and unknown disturbances. *IET Control Theory and Applications*, **2013**, 7, 1624-1633	2.5	8

95	Flocking of multi-agent dynamic systems with virtual leader having the reduced number of informed agents. *Transactions of the Institute of Measurement and Control*, **2013**, 35, 1104-1115	1.8	8
94	Time-series analysis of TCP/RED computer networks, an empirical study. *Chaos, Solitons and Fractals*, **2009**, 39, 784-800	9.3	8
93	Generalization of order distribution concept use in the fractional order system identification. *Signal Processing*, **2010**, 90, 2243-2252	4.4	8
92	Fractional delayed damped Mathieu equation. *International Journal of Control*, **2015**, 88, 622-630	1.5	7
91	Conditions on Decomposing Linear Systems With More Than One Matrix to Block Triangular or Diagonal Form. *IEEE Transactions on Automatic Control*, **2015**, 60, 233-239	5.9	7
90	Theoretical Analysis of Flocking Algorithms in Networks of Second Order Dynamic Agents With Switching Topologies. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2014**, 136,	1.6	7
89	CDM-based closed-loop transfer function design for ramp input. *Transactions of the Institute of Measurement and Control*, **2011**, 33, 558-572	1.8	7
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87	Characterization of complex behaviors of TCP/RED computer networks based on nonlinear time series analysis methods. *Physica D: Nonlinear Phenomena*, **2007**, 233, 138-150	3.3	7
86	Comparative study of various methods for synchronizing two different chaotic systems. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2006**, 356, 59-64	2.3	7
85	A New Structured Multimodel Control of Nonlinear Systems by Integrating Stability Margin and Performance. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2017**, 139,	1.6	6
84	Sampled-data leaderfollower algorithm for flocking of multi-agent systems. *IET Control Theory and Applications*, **2019**, 13, 609-619	2.5	6
83	Position convergence of informed agents in flocking problem with general linear dynamic agents. *IET Control Theory and Applications*, **2015**, 9, 392-398	2.5	6
82	Multimodel Control of Nonlinear Systems: An Improved Gap Metric and Stability Margin-Based Method. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2018**, 140,	1.6	6
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77	Improved EDMC for the processes with high variations and/or sign changes in steady-state gain. *COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering*, **2004**, 23, 361-380	0.7	6
76	Stable regions in the parameter space of delays for LTI fractional-order systems with two delays. *Signal Processing*, **2015**, 107, 415-424	4.4	5
75	Stability of neutral type fractional delay systems and its relation with stability of time-delay and discrete systems. *IET Control Theory and Applications*, **2016**, 10, 2482-2489	2.5	5
74	Taming Single Input Chaotic Systems by Fractional Differentiator-Based Controller: Theoretical and Experimental Study. *Circuits, Systems, and Signal Processing*, **2009**, 28, 625-647	2.2	5
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72	A multi-model control of nonlinear systems: A cascade decoupled design procedure based on stability and performance. *Transactions of the Institute of Measurement and Control*, **2020**, 42, 1271-1280	1.8	5
71	Multi-agent system finite-time consensus control in the presence of disturbance and input saturation by using of adaptive terminal sliding mode method. *Cogent Engineering*, **2019**, 6, 1698689	1.5	5
70	Design of an RMPC with a time-varying terminal constraint set for tracking problem. *International Journal of Robust and Nonlinear Control*, **2016**, 26, 2623-2642	3.6	4
69	Stability analysis of descriptor systems with multiple commensurate time-delays. *Journal of the Franklin Institute*, **2019**, 356, 8690-8705	4	4
68	Flocking Algorithms in Networks with Directed Switching Velocity Interaction Topologies. *Asian Journal of Control*, **2014**, 16, 1141-1154	1.7	4
67	Sensitivity analysis of CRA based controllers in fractional order systems. *Signal Processing*, **2012**, 92, 2040-2055	1.4	4
66	ROBUST SYNCHRONIZATION OF CHAOTIC SYSTEMS USING ACTIVE SLIDING MODE CONTROL WITH MINIMUM CONTROL EFFORT. *International Journal of Modern Physics B*, **2011**, 25, 2271-2288	1.1	4
65	Design of fractional order proportional integral derivative controller based on moment matching and characteristic ratio assignment method. *Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering*, **2011**, 225, 1040-1053	1	4
64	Gas Metal Arc Welding process control based on arc length and arc voltage **2010**,		4
63	AQM controller design for networks supporting TCP vegas: a control theoretical approach. *ISA Transactions*, **2008**, 47, 143-55	5.5	4
62	**2018**,		4
61	Null Space Strong Structural Controllability via Skew Zero Forcing Sets **2018**,		4
60	Robust estimation of arc length in a GMAW process by an adaptive extended Kalman filter. *Transactions of the Institute of Measurement and Control*, **2016**, 38, 1334-1344	1.8	3

59	Identification of EIV models by compensated PEM. *International Journal of Control*, **2018**, 91, 1541-1553	1.5	3
58	Global Finite Time Stabilization of a Class of Uncertain MIMO Nonlinear Systems. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2016**, 138,	1.6	3
57	Computational load reduction in model predictive control of nonlinear systems via decomposition **2017**,		3
56	Parametric identification of fractional-order systems using a fractional Legendre basis. *Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering*, **2010**, 224, 261-274	1	3
55	Robustness Margin in Linear Time Invariant Fractional Order Systems. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2010**, 43, 198-203		3
54	Active Queue Management of TCP/IP Networks Using Rule-Based Predictive Control **2007**,		3
53	PI design based on DMC strategy. *Transactions of the Institute of Measurement and Control*, **2005**, 27, 21-36	1.8	3
52	A high-performance guidance filter scheme with exact dynamic modeling of a pitch-yaw gimballed seeker mechanism. *Mechanical Systems and Signal Processing*, **2020**, 144, 106857	7.8	3
51	Strong Structural Controllability of Networks under Time-Invariant and Time-Varying Topological Perturbations. *IEEE Transactions on Automatic Control*, **2021**, 66, 1375-1382	5.9	3
50	Efficient algorithms for online tracking of set points in robust model predictive control. *International Journal of Systems Science*, **2017**, 48, 1635-1645	2.3	2
49	Distributed Observer Type Protocol for Flocking of Linear Second-Order Multi-Agent Systems Subject to External Disturbance. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2019**, 141,	1.6	2
48	Fault-tolerant control considering time-varying bounds on faults. *Transactions of the Institute of Measurement and Control*, **2018**, 40, 2982-2990	1.8	2
47	A robust finite-time hyperchaotic secure communication scheme based on terminal sliding mode control **2016**,		2
46	Synchronous consensus of double-integrator continuous-time multi-agent systems with switching topologies and time-varying delays **2015**,		2
45	CRA based Control of non-minimum phase fractional order systems **2012**,		2
44	On Exponential Flocking to the Virtual Leader in Network of Agents With Double-Integrator Dynamics. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2013**, 135,	1.6	2
43	Estimating the fractional order of orthogonal rational functions used in the identification **2008**,		2
42	AMPCS: Adaptive model predictive control scheduler for guaranteed delay in DiffServ architecture. *International Journal of Communication Systems*, **2008**, 21, 233-249	1.7	2

41	CURRENT HARMONIC COMPENSATION USING PREDICTIVE CONTROLLERS. *Journal of Circuits, Systems and Computers*, **2004**, 13, 1065-1078	0.9	2
40	Strong Structural Controllability of Signed Networks **2019**,		2
39	Laplacian Dynamics on Cographs: Controllability Analysis Through Joins and Unions. *IEEE Transactions on Automatic Control*, **2021**, 66, 1383-1390	5.9	2
38	Decomposition and robust non-fragile stabilisation of singular time-delay systems. *IET Control Theory and Applications*, **2018**, 12, 1882-1888	2.5	2
37	SMPCS: Sub-optimal Model Predictive Control Scheduler. *Lecture Notes in Computer Science*, **2006**, 554-565	0.9	2
36	A Cascade Multiple-Model Predictive Controller of Nonlinear Systems by Integrating Stability and Performance **2019**,		1
35	Free-chattering robust finite time tracking for connected double integrator nonlinear systems **2016** ,		1
34	Control of Droplet Detachment Frequency in a GMAW Process by a Hybrid Model Predictive Control. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2018**, 140,	1.6	1
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32	Control of resistance spot welding using model predictive control **2015**,		1
31	Study of Limit Cycles and Stability Analysis of Fractional Arneodo Oscillator. *Journal of Optimization Theory and Applications*, **2013**, 156, 68-78	1.6	1
30	Adaptive leader-following consensus in multi-agent systems with second-order nonlinear dynamics and directed switching topologies **2013**,		1
29	Asymptotic stability of linear descriptor systems with time-delay by designing delay margin **2017**,		1
28	Control of gas metal arc welding by an extended DMC **2012**,		1
27	The Effect of Fractional Order on Oscillatory Behavior of Scalar Fractional Delay Systems of Neutral Type. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2013**, 46, 480-485		1
26	FRACTIONAL CALCULUS BASED STABILIZATION TECHNIQUE APPLIED TO SUPPRESS CHAOS IN CHAOTIC CIRCUITS. *International Journal of Modern Physics B*, **2010**, 24, 4861-4879	1.1	1
25	**2007**,		1
24	On tuning and complexity of an adaptive model predictive control scheduler. *Control Engineering Practice*, **2007**, 15, 1169-1178	3.9	1

23	Complete and lag synchronization of hyperchaos using nonlinear controller **2006**,		1
22	Adaptive congestion estimation and control in active queue management **2007**,		1
21	Predictive directional compensator for systems with input constraints. *ISA Transactions*, **2006**, 45, 393-405	5.5	1
20	On tuning a state space self-tuning model predictive control scheduler		1
19	Phase Plane Characteristics of Marginally Stable Fractional Order Systems **2011**, 293-301		1
18	Dual-mode global stabilization of high-order saturated integrator chains: LMI-based MPC combined with a nested saturated feedback. *Nonlinear Dynamics*, **2020**, 102, 211-222	5	1
17	Enlarging the region of stability in robust model predictive controller based on dual-mode control. *Transactions of the Institute of Measurement and Control*, **2021**, 43, 3085-3092	1.8	1
16	Decentralized Robust Model Predictive Control for Multi-Input Linear Systems **2018**,		1
15	Identification of EIV models with coloured input–output noise: combining PEM and covariance matching method. *International Journal of Systems Science*, **2018**, 49, 1738-1747	2.3	1
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12	A systematic decomposition approach of nonlinear systems by combining gap metric and stability margin. *Transactions of the Institute of Measurement and Control*, **2021**, 43, 2006-2017	1.8	0
11	An algorithm to estimate parameters and states of a nonlinear maneuvering target.. *Cogent Engineering*, **2020**, 7, 1847711	1.5	
10	Final Comments by the Authors. *European Journal of Control*, **2010**, 16, 698-699	2.5	
9	. *Canadian Journal of Electrical and Computer Engineering*, **2009**, 34, 3-9	1.4	
8	Practical distributed maneuvering target tracking using delayed information of heterogeneous unregistered sensors. *Signal Processing*, **2022**, 193, 108419	4.4	
7	Design of Robust Finite-Time Nonlinear Controllers for a 6-DOF Autonomous Underwater Vehicle for Path Tracking Objective. *Journal of Control*, **2020**, 14, 93-113	0.1	
6	Designing Robust Finite-Time Nonlinear Torques for a n-DOF Robot Manipulator with Uncertainties, Sector and Dead-Zone Nonlinearities. *Journal of Control*, **2020**, 14, 73-91	0.1	

5	Multi-rate sampled-data algorithm for leader-follower flocking. *IET Control Theory and Applications*, **2020**, 14, 3038-3046	2.5
4	Some Bounds on Maximum Number of Frequencies Existing in Oscillations Produced by Linear Fractional Order Systems **2010**, 213-220	
3	Adaptive passive sensor selection for maneuvering target localization and tracking using a multisensor surveillance system. *Cogent Engineering*, **2020**, 7, 1798580	1.5
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1	Reduced multiple model predictive control of an heating, ventilating, and air conditioning system using gap metric and stability margin. *Building Services Engineering Research and Technology*,01436244221 1003	2.3