Yeng Chai Soh

List of Publications by Year
in descending order

369 papers	11,717 citations	23500 58 h-index	39575 94 g-index
369 all docs	369 docs citations	369 times ranked	7788 citing authors

#	Article	IF	Citations
1	Reliable Hâˇž controller design for linear systems. Automatica, 2001, 37, 717-725.	3.0	473
2	Robust Kalman filtering for uncertain discrete-time systems. IEEE Transactions on Automatic Control, 1994, 39, 1310-1314.	3.6	468
3	Fusion of WiFi, Smartphone Sensors and Landmarks Using the Kalman Filter for Indoor Localization. Sensors, 2015, 15, 715-732.	2.1	321
4	Ensemble of online sequential extreme learning machine. Neurocomputing, 2009, 72, 3391-3395.	3.5	302
5	Optimal linear estimation for systems with multiple packet dropouts. Automatica, 2008, 44, 1333-1342.	3.0	287
6	Robust Human Activity Recognition Using Smartphone Sensors via CT-PCA and Online SVM. IEEE Transactions on Industrial Informatics, 2017, 13, 3070-3080.	7.2	189
7	Robust Kalman filtering for uncertain systems. Systems and Control Letters, 1994, 22, 123-129.	1.3	185
8	A Novel Rate Control Scheme for Low Delay Video Communication of H.264/AVC Standard. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 68-78.	5.6	177
9	Augmented distributed gradient methods for multi-agent optimization under uncoordinated constant stepsizes. , 2015, , .		177
10	Smartphone Inertial Sensor-Based Indoor Localization and Tracking With iBeacon Corrections. IEEE Transactions on Industrial Informatics, 2016, 12, 1540-1549.	7.2	177
11	HVAC system optimizationâ€"in-building section. Energy and Buildings, 2005, 37, 11-22.	3.1	175
12	Design and analysis of discrete-time robust Kalman filters. Automatica, 2002, 38, 1069-1077.	3.0	162
13	Adaptive Kalman Filtering in Networked Systems With Random Sensor Delays, Multiple Packet Dropouts and Missing Measurements. IEEE Transactions on Signal Processing, 2010, 58, 1577-1588.	3.2	158
14	Region-of-Interest Based Resource Allocation for Conversational Video Communication of H.264/AVC. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 134-139.	5.6	154
15	An adaptive technique for robust diagnosis of faults with independent effects on system outputs. International Journal of Control, 2002, 75, 792-802.	1.2	152
16	Indoor occupancy estimation from carbon dioxide concentration. Energy and Buildings, 2016, 131, 132-141.	3.1	149
17	A feedforward neural network based indoor-climate control framework for thermal comfort and energy saving in buildings. Applied Energy, 2019, 248, 44-53.	5.1	135
18	Convergence of Asynchronous Distributed Gradient Methods Over Stochastic Networks. IEEE Transactions on Automatic Control, 2018, 63, 434-448.	3.6	131

#	Article	IF	Citations
19	Random forest based thermal comfort prediction from gender-specific physiological parameters using wearable sensing technology. Energy and Buildings, 2018, 166, 391-406.	3.1	130
20	Constructive hidden nodes selection of extreme learning machine for regression. Neurocomputing, 2010, 73, 3191-3199.	3.5	120
21	Adaptive backstepping control design for systems with unknown high-frequency gain. IEEE Transactions on Automatic Control, 2000, 45, 2350-2354.	3.6	117
22	Open Cirrus: A Global Cloud Computing Testbed. Computer, 2010, 43, 35-43.	1.2	116
23	Thermal comfort prediction using normalized skin temperature in a uniform built environment. Energy and Buildings, 2018, 159, 426-440.	3.1	115
24	H/sub â˘ž/ filtering of 2-D discrete systems. IEEE Transactions on Signal Processing, 2000, 48, 1760-1768.	3.2	114
25	Stacked Extreme Learning Machines. IEEE Transactions on Cybernetics, 2015, 45, 2013-2025.	6.2	112
26	A simplified modeling of cooling coils for control and optimization of HVAC systems. Energy Conversion and Management, 2004, 45, 2915-2930.	4.4	111
27	Dissipative control for linear discrete-time systems. Automatica, 1999, 35, 1557-1564.	3.0	109
28	Event-Triggered Communication and Data Rate Constraint for Distributed Optimization of Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1908-1919.	5.9	106
29	Robust pole assignment. Automatica, 1987, 23, 601-610.	3.0	103
30	HVAC system optimizationâ€"â€"condenser water loop. Energy Conversion and Management, 2004, 45, 613-630.	4.4	102
31	A Reorganized Innovation Approach to Linear Estimation. IEEE Transactions on Automatic Control, 2004, 49, 1810-1814.	3.6	102
32	Global optimization for overall HVAC systemsâ€"â€"Part I problem formulation and analysis. Energy Conversion and Management, 2005, 46, 999-1014.	4.4	100
33	Stabilization of a class of switched systems via designing switching laws. IEEE Transactions on Automatic Control, 2001, 46, 665-670.	3.6	96
34	An adaptive spatial information-theoretic fuzzy clustering algorithm for image segmentation. Computer Vision and Image Understanding, 2013, 117, 1412-1420.	3.0	95
35	New approaches to robust minimum variance filter design. IEEE Transactions on Signal Processing, 2001, 49, 2620-2629.	3.2	92
36	Decentralized adaptive control using integrator backstepping. Automatica, 1997, 33, 1719-1724.	3.0	91

#	Article	IF	Citations
37	H â˄ž and Robust Control of 2-D Systems in FM Second Model. Multidimensional Systems and Signal Processing, 2002, 13, 265-287.	1.7	90
38	Two-stage extreme learning machine for regression. Neurocomputing, 2010, 73, 3028-3038.	3.5	90
39	Asynchronous periodic event-triggered consensus for multi-agent systems. Automatica, 2017, 84, 214-220.	3.0	88
40	High-Gain Observers With Sliding Mode for State and Unknown Input Estimations. IEEE Transactions on Industrial Electronics, 2009, 56, 3386-3393.	5.2	86
41	A new coordinated control strategy for boiler-turbine system of coal-fired power plant. IEEE Transactions on Control Systems Technology, 2005, 13, 943-954.	3.2	85
42	Observer-based stabilization of switching linear systems. Automatica, 2003, 39, 517-524.	3.0	80
43	A new chaotic secure communication system. IEEE Transactions on Communications, 2003, 51, 1306-1312.	4.9	75
44	Global optimization for overall HVAC systemsâ€"â€"Part II problem solution and simulations. Energy Conversion and Management, 2005, 46, 1015-1028.	4.4	73
45	Robust Adaptive Gradient-Descent Training Algorithm for Recurrent Neural Networks in Discrete Time Domain. IEEE Transactions on Neural Networks, 2008, 19, 1841-1853.	4.8	72
46	Rate Control of H.264/AVC Scalable Extension. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 116-121.	5.6	71
47	Reliable guaranteed cost control for uncertain nonlinear systems. IEEE Transactions on Automatic Control, 2000, 45, 2188-2192.	3.6	70
48	Chaotic cryptosystem with high sensitivity to parameter mismatch. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2003, 50, 579-583.	0.1	70
49	A fusion framework for occupancy estimation in office buildings based on environmental sensor data. Energy and Buildings, 2016, 133, 790-798.	3.1	70
50	Modeling regular occupancy in commercial buildings using stochastic models. Energy and Buildings, 2015, 103, 216-223.	3.1	69
51	A physiologic model of capillary-tissue exchange for dynamic contrast-enhanced imaging of tumor microcirculation. IEEE Transactions on Biomedical Engineering, 2003, 50, 159-167.	2.5	65
52	High-gain observer with sliding mode for nonlinear state estimation and fault reconstruction. Journal of the Franklin Institute, 2014, 351, 1995-2014.	1.9	65
53	A Novel Semisupervised Deep Learning Method for Human Activity Recognition. IEEE Transactions on Industrial Informatics, 2019, 15, 3821-3830.	7.2	64
54	Dynamic Extreme Learning Machine and Its Approximation Capability. IEEE Transactions on Cybernetics, 2013, 43, 2054-2065.	6.2	63

#	Article	IF	Citations
55	Robust decentralized adaptive stabilization of interconnected systems with guaranteed transient performance. Automatica, 2000, 36, 907-915.	3.0	62
56	Robust observer with sliding mode estimation for nonlinear uncertain systems. IET Control Theory and Applications, 2007, 1, 1533-1540.	1.2	62
57	Output-feedback protocols without controller interaction for consensus of homogeneous multi-agent systems: A unified robust control view. Automatica, 2017, 81, 37-45.	3.0	62
58	Event-Triggered Output Regulation of Heterogeneous Multiagent Networks. IEEE Transactions on Automatic Control, 2018, 63, 4429-4434.	3.6	62
59	Machine learning driven personal comfort prediction by wearable sensing of pulse rate and skin temperature. Building and Environment, 2020, 170, 106615.	3.0	62
60	Hâˆž deconvolution filtering of 2-d digital systems. IEEE Transactions on Signal Processing, 2002, 50, 2319-2332.	3.2	58
61	A reconfigurable optofluidic Michelson interferometer using tunable droplet grating. Lab on A Chip, 2010, 10, 1072.	3.1	58
62	Linearity Indices and Linearity Improvement of 2-D Tetralateral Position-Sensitive Detector. IEEE Transactions on Electron Devices, 2010, 57, 2310-2316.	1.6	57
63	Robust consensus of uncertain linear multi-agent systems via dynamic output feedback. Automatica, 2018, 98, 114-123.	3.0	57
64	Sensor Placement by Maximal Projection on Minimum Eigenspace for Linear Inverse Problems. IEEE Transactions on Signal Processing, 2016, 64, 5595-5610.	3.2	56
65	Robust backpropagation training algorithm for multilayered neural tracking controller. IEEE Transactions on Neural Networks, 1999, 10, 1133-1141.	4.8	53
66	Adaptive spatial information-theoretic clustering for image segmentation. Pattern Recognition, 2009, 42, 2029-2044.	5.1	53
67	Optimized Dynamic Policy for Receding Horizon Control of Linear Time-Varying Systems With Bounded Disturbances. IEEE Transactions on Automatic Control, 2012, 57, 973-988.	3.6	53
68	Higherâ€order sliding mode observer for estimation of tyre friction in ground vehicles. IET Control Theory and Applications, 2014, 8, 399-408.	1.2	52
69	Optimal recursive filtering, prediction, and smoothing for singular stochastic discrete-time systems. IEEE Transactions on Automatic Control, 1999, 44, 2154-2158.	3.6	51
70	Switched controllers and their applications in bilinear systems. Automatica, 2001, 37, 477-481.	3.0	51
71	Robust adaptive control of nonlinear discrete-time systems by backstepping without overparameterization. Automatica, 2001, 37, 551-558.	3.0	51
72	Fault reconstruction and state estimation with sliding mode observers for Lipschitz non-linear systems. IET Control Theory and Applications, 2011, 5, 1255-1263.	1.2	51

#	Article	IF	Citations
73	Robust motion and force control of constrained manipulators by learning. Automatica, 1995, 31, 257-262.	3.0	50
74	Discrete-time robust backstepping adaptive control for nonlinear time-varying systems. IEEE Transactions on Automatic Control, 2000, 45, 1749-1755.	3.6	49
75	An extreme learning machine approach for speaker recognition. Neural Computing and Applications, 2013, 22, 417-425.	3.2	48
76	H/sub âˆž/ reduced-order approximation of 2-D digital filters. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2001, 48, 688-698.	0.1	47
77	Robust Neural Network Tracking Controller Using Simultaneous Perturbation Stochastic Approximation. IEEE Transactions on Neural Networks, 2008, 19, 817-835.	4.8	47
78	Building Occupancy Estimation with Environmental Sensors via CDBLSTM. IEEE Transactions on Industrial Electronics, 2017, 64, 9549-9559.	5.2	47
79	Robust discrete-time nonlinear sliding mode state estimation of uncertain nonlinear systems. International Journal of Robust and Nonlinear Control, 2007, 17, 803-828.	2.1	45
80	Decentralized model reference adaptive control without restriction on subsystem relative degrees. IEEE Transactions on Automatic Control, 1999, 44, 1464-1469.	3.6	44
81	Guaranteed cost control for discrete-time linear systems under controller gain perturbations. Linear Algebra and Its Applications, 2000, 312, 161-180.	0.4	44
82	Determination of blur and affine combined invariants by normalization. Pattern Recognition, 2002, 35, 211-221.	5.1	44
83	Robust adaptive control of uncertain discrete-time systems. Automatica, 1999, 35, 321-329.	3.0	43
84	Group Greedy Method for Sensor Placement. IEEE Transactions on Signal Processing, 2019, 67, 2249-2262.	3.2	41
85	Robust stability of a class of hybrid nonlinear systems. IEEE Transactions on Automatic Control, 2001, 46, 897-903.	3.6	40
86	Decoupled current control and sensor fault detection with secondâ€order sliding mode for induction motor. IET Control Theory and Applications, 2015, 9, 608-617.	1.2	40
87	Indoor localization using smartphone sensors and iBeacons. , 2015, , .		40
88	Machine learning based prediction of thermal comfort in buildings of equatorial Singapore. , 2017, , .		40
89	xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"	3.0	39
90	Robust Kalman filter design. , 0, , .		38

#	Article	IF	Citations
91	Positive real control problem for uncertain linear time-invariant systems. Systems and Control Letters, 1995, 24, 265-271.	1.3	37
92	Robust control of linear systems with generalized positive real uncertainty. Automatica, 1997, 33, 963-967.	3.0	37
93	Title is missing!. Journal of Intelligent and Robotic Systems: Theory and Applications, 2002, 33, 113-137.	2.0	37
94	Discrete-Time Sliding-Mode State and Unknown Input Estimations for Nonlinear Systems. IEEE Transactions on Industrial Electronics, 2009, 56, 3443-3452.	5.2	37
95	A Novel Reduced-Order Protocol for Consensus Control of Linear Multiagent Systems. IEEE Transactions on Automatic Control, 2019, 64, 3005-3012.	3.6	37
96	Improved measurement accuracy of the quadrant detector through improvement of linearity index. Applied Physics Letters, 2010, 96, .	1.5	36
97	A Bregman Splitting Scheme for Distributed Optimization Over Networks. IEEE Transactions on Automatic Control, 2018, 63, 3809-3824.	3.6	36
98	An on-chip liquid tunable grating using multiphase droplet microfluidics. Applied Physics Letters, 2008, 93, 164107.	1.5	34
99	A unified approach to linear estimation for discrete-time systems. I. H/sub 2/ estimation. , 0, , .		33
100	Adaptive control and synchronization for a class of nonlinear chaotic systems using partial system states. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 351, 79-84.	0.9	33
101	Integrated analysis of CFD data with K-means clustering algorithm and extreme learning machine for localized HVAC control. Applied Thermal Engineering, 2015, 76, 98-104.	3.0	33
102	Environmental Sensors-Based Occupancy Estimation in Buildings via IHMM-MLR. IEEE Transactions on Industrial Informatics, 2017, 13, 2184-2193.	7.2	32
103	Balancing indoor thermal comfort and energy consumption of ACMV systems via sparse swarm algorithms in optimizations. Energy and Buildings, 2017, 149, 1-15.	3.1	32
104	Occupancy estimation from environmental parameters using wrapper and hybrid feature selection. Applied Soft Computing Journal, 2017, 60, 482-494.	4.1	31
105	Optimal Kalman filtering with random sensor delays, packet dropouts and missing measurements. , 2009, , .		30
106	Multiple sliding mode observers and unknown input estimations for Lipschitz nonlinear systems. International Journal of Robust and Nonlinear Control, 2011, 21, 1322-1340.	2.1	30
107	Networked LQG control over unreliable channels. International Journal of Robust and Nonlinear Control, 2013, 23, 167-189.	2.1	30
108	A Dual Splitting Approach for Distributed Resource Allocation With Regularization. IEEE Transactions on Control of Network Systems, 2019, 6, 403-414.	2.4	30

#	Article	IF	Citations
109	Filtering for networked control systems with single/multiple measurement packets subject to multiple-step measurement delays and multiple packet dropouts. International Journal of Systems Science, 2011, 42, 335-348.	3.7	29
110	Reset control for synchronization of multi-agent systems. Automatica, 2019, 104, 189-195.	3.0	29
111	Identification for systems with bounded noise. IEEE Transactions on Automatic Control, 1997, 42, 996-1001.	3.6	28
112	Robust Fault Diagnosis for a Class of Linear Systems with Uncertainty. Journal of Guidance, Control, and Dynamics, 1999, 22, 736-736.	1.6	28
113	Robustness of an adaptive backstepping controller without modification. Systems and Control Letters, 1999, 36, 87-100.	1.3	28
114	Integral quadratic constraint approach vs. multiplier approach. Automatica, 2005, 41, 281-287.	3.0	28
115	Analysis and improvement of Laguerreâ€"Gaussian beam position estimation using quadrant detectors. Optics Letters, 2011, 36, 1692.	1.7	28
116	Design of low-order linear-phase IIR filters via orthogonal projection. IEEE Transactions on Signal Processing, 1999, 47, 448-457.	3.2	27
117	Risk-sensitive filtering, prediction and smoothing for discrete-time singular systems. Automatica, 2003, 39, 57-66.	3.0	27
118	All-fiber Fourier filter flat-top interleaver design with specified performance parameters. Optical Engineering, 2003, 42, 3172.	0.5	27
119	Efficient structure for optical interleavers using superimposed chirped fiber Bragg gratings. IEEE Photonics Technology Letters, 2005, 17, 387-389.	1.3	27
120	Improved robust backstepping adaptive control for nonlinear discrete-time systems without overparameterization. Automatica, 2008, 44, 864-867.	3.0	27
121	Highâ€gain observer with higher order sliding mode for state and unknown disturbance estimations. International Journal of Robust and Nonlinear Control, 2014, 24, 2136-2151.	2.1	27
122	Real-time occupancy estimation using environmental parameters. , 2015, , .		27
123	A novel feature selection framework with Hybrid Feature-Scaled Extreme Learning Machine (HFS-ELM) for indoor occupancy estimation. Energy and Buildings, 2018, 158, 1139-1151.	3.1	26
124	Generalized edge theorem. Systems and Control Letters, 1989, 12, 219-224.	1.3	25
125	Robust stability of quasi-periodic hybrid dynamic uncertain systems. IEEE Transactions on Automatic Control, 2001, 46, 107-111.	3.6	25
126	Stability analysis of interval matricesâ€"continuous and discrete systems. International Journal of Control, 1988, 47, 25-32.	1.2	24

#	Article	IF	Citations
127	Improve performance of scanning probe microscopy by balancing tuning fork prongs. Ultramicroscopy, 2009, 109, 291-295.	0.8	24
128	Bayesian filtering for building occupancy estimation from carbon dioxide concentration. Energy and Buildings, 2020, 206, 109566.	3.1	24
129	Generalization of strong Kharitonov theorems to the left sector. IEEE Transactions on Automatic Control, 1990, 35, 1378-1382.	3.6	23
130	All-Fiber 3>tex<$\times$>/tex<3 Interleaver Design With Flat-Top Passband. IEEE Photonics Technology Letters, 2004, 16, 168-170.	1.3	23
131	Periodic event-triggered average consensus over directed graphs. , 2015, , .		23
132	L/sub 2/ optimal filter reduction: a closed-loop approach. IEEE Transactions on Signal Processing, 1998, 46, 11-20.	3.2	22
133	Numerical investigation of supercritical water flow in a vertical pipe under axially non-uniform heat flux. Progress in Nuclear Energy, 2017, 97, 11-25.	1.3	22
134	Occupancy estimation with environmental sensing via non-iterative LRF feature learning in time and frequency domains. Energy and Buildings, 2017, 141, 125-133.	3.1	22
135	Comparing occupancy models and data mining approaches for regular occupancy prediction in commercial buildings. Journal of Building Performance Simulation, 2017, 10, 545-553.	1.0	22
136	Distributed multi-task classification: a decentralized online learning approach. Machine Learning, 2018, 107, 727-747.	3.4	22
137	Sufficient conditions for almost sure stability of jump linear systems. IEEE Transactions on Automatic Control, 2000, 45, 1325-1329.	3.6	21
138	Speed Estimation and Nonmatched Time-Varying Parameter Identification for a DC Motor With Hybrid Sliding-Mode Observer. IEEE Transactions on Industrial Electronics, 2013, 60, 5539-5549.	5.2	21
139	Workload Factoring and Resource Sharing via Joint Vertical and Horizontal Cloud Federation Networks. IEEE Journal on Selected Areas in Communications, 2017, 35, 557-570.	9.7	21
140	Cooperative Output Regulation of Heterogeneous Linear Multi-Agent Networks via <formula> <tex>${H}_{infty}$</tex> </formula> Performance Allocation. IEEE Transactions on Automatic Control, 2018, , 1-1.	3.6	21
141	Stability analysis of a family of matrices. IEEE Transactions on Automatic Control, 1990, 35, 1257-1259.	3.6	20
142	Dissipative control of linear discrete-time systems with dissipative uncertainty. International Journal of Control, 2000, 73, 317-328.	1.2	20
143	Synthesis of stable Hâˆž controller via the chain scattering framework. Systems and Control Letters, 2002, 47, 121-127.	1.3	20
144	Distributed Parameter Estimation With Quantized Communication via Running Average. IEEE Transactions on Signal Processing, 2015, 63, 4634-4646.	3.2	20

#	Article	IF	Citations
145	Generalized matrix measure of switched nonlinear systems. IEEE Transactions on Automatic Control, 2002, 47, 178-183.	3.6	19
146	On the choice of consistent canonical form during moment normalization. Pattern Recognition Letters, 2003, 24, 3205-3215.	2.6	19
147	On assuming Mean Radiant Temperature equal to air temperature during PMV-based thermal comfort study in air-conditioned buildings. , 2016, , .		19
148	Sensor and CFD data fusion for airflow field estimation. Applied Thermal Engineering, 2016, 92, 149-161.	3.0	19
149	Decentralized control of symmetric systems. Systems and Control Letters, 2001, 42, 145-149.	1.3	18
150	Blind Channel and Source Estimation in Networked Systems. IEEE Transactions on Signal Processing, 2014, 62, 4611-4626.	3.2	18
151	Global stabilization for constrained robot motions with constraint uncertainties. Robotica, 1998, 16, 171-179.	1.3	17
152	Near-field ellipsometry for thin film characterization. Optics Express, 2010, 18, 3298.	1.7	17
153	An Accurate Separation Estimation Algorithm for the Casimir Oscillator. Journal of Microelectromechanical Systems, 2010, 19, 1153-1161.	1.7	17
154	Robust Kalman Filter Design for Discrete Time-Delay Systems. Circuits, Systems, and Signal Processing, 2002, 21, 319-335.	1.2	16
155	Design of all-fiber optical interleavers with a given specification on passband ripples. Optics Communications, 2003, 226, 241-248.	1.0	16
156	Convergence and robustness of a discrete‐time learning control scheme for constrained manipulators. Journal of Field Robotics, 1994, 11, 223-238.	0.7	15
157	Indirect closed-loop identification by optimal instrumental variable method. Automatica, 1997, 33, 2269-2271.	3.0	15
158	Stable controller synthesis for linear time-invariant systems. International Journal of Control, 2002, 75, 154-162.	1.2	15
159	Optimal and suboptimal minimum-variance filtering in networked systems with mixed uncertainties of random sensor delays, packet dropouts and missing measurements. International Journal of Control, Automation and Systems, 2010, 8, 1179-1188.	1.6	15
160	Envelope-constrained H2 FIR filter design. Circuits, Systems, and Signal Processing, 1999, 18, 539-551.	1.2	14
161	Robust H2 estimation and control. Journal of Control Theory and Applications, 2004, 2, 20-26.	0.8	14
162	A distributed simultaneous perturbation approach for large-scale dynamic optimization problems. Automatica, 2016, 72, 194-204.	3.0	14

#	ARTICLE	IF	CITATIONS
163	Root clustering of interval polynomials in the left-sector. Systems and Control Letters, 1989, 13, 239-245.	1.3	13
164	Optimal control of seismically-excited building structures. Computers and Structures, 2000, 74, 521-533.	2.4	13
165	Higher-Order Sliding Mode Observer for Speed and Position Estimation in PMSM. Mathematical Problems in Engineering, 2014, 2014, 1-12.	0.6	13
166	Characterization of robust controllers. Automatica, 1989, 25, 115-117.	3.0	12
167	Control of uncertain discrete-time systems with guaranteed cost. , 0, , .		12
168	Stability of uncertain quasi-periodic hybrid dynamic systems. International Journal of Control, 2000, 73, 63-73.	1.2	12
169	Parameter optimization of an all-fiber Fourier filter flat-top interleaver. Optical Engineering, 2002, 41, 3217.	0.5	12
170	Simultaneous stabilization. International Journal of Control, 2004, 77, 111-117.	1.2	12
171	Robust information filter for decentralized estimation. Automatica, 2005, 41, 2141-2146.	3.0	12
172	Distributed Inference for Relay-Assisted Sensor Networks With Intermittent Measurements Over Fading Channels. IEEE Transactions on Signal Processing, 2016, 64, 742-756.	3.2	12
173	Two-stage indoor physical field reconstruction from sparse sensor observations. Energy and Buildings, 2017, 151, 548-563.	3.1	12
174	Envelope-constrained IIR filter design: An LMIH ? optimization approach. Circuits, Systems, and Signal Processing, 2000, 19, 205-220.	1.2	11
175	Flat-passband 3 /spl times/ 3 interleaving filter designed with optical directional couplers in lattice structure. Journal of Lightwave Technology, 2005, 23, 4349-4362.	2.7	11
176	Performance improvement and wavelength reuse in millimeter-wave radio-over-fiber links incorporating all-fiber optical interleaver. Optics Communications, 2008, 281, 2572-2581.	1.0	11
177	PARTIAL STATE IMPULSIVE SYNCHRONIZATION OF A CLASS OF NONLINEAR SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2009, 19, 387-393.	0.7	11
178	Optical coherence tomography by using frequency measurements in wavelength domain. Optics Express, 2011, 19, 1324.	1.7	11
179	Robust H_{infty} Receding Horizon Control for a Class of Coordinated Control Problems Involving Dynamically Decoupled Subsystems. IEEE Transactions on Automatic Control, 2014, 59, 134-149.	3.6	11
180	Optimal and self-tuning deconvolution in time domain. IEEE Transactions on Signal Processing, 1999, 47, 2253-2261.	3.2	10

#	ARTICLE	IF	CITATIONS
181	Synthesis of simultaneous stabilizing Hâˇž Controller controller. International Journal of Control, 2005, 78, 1437-1446.	1.2	10
182	SYNCHRONIZATION OF CHAOTIC SYSTEMS WITH PARAMETRIC UNCERTAINTY AND MISMATCH. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2006, 16, 1445-1459.	0.7	10
183	An information-theoretic fuzzy C-spherical shells clustering algorithm. Fuzzy Sets and Systems, 2010, 161, 1755-1773.	1.6	10
184	Smartphone-based Human Activity Recognition in buildings using Locality-constrained Linear Coding. , 2015, , .		10
185	Stabilizing model predictive control using parameter-dependent dynamic policy for nonlinear systems modeled with neural networks. Journal of Process Control, 2015, 36, 11-21.	1.7	10
186	A generalization of strong Kharitonov theorems to polytopes of polynomials. IEEE Transactions on Automatic Control, 1990, 35, 936-939.	3.6	9
187	Kharitonov regions: it suffices to check a subset of vertex polynomials. IEEE Transactions on Automatic Control, 1991, 36, 1102-1105.	3.6	9
188	Characterization of zero locations of polytopes of real polynomials. IEEE Transactions on Automatic Control, 1992, 37, 1227-1230.	3.6	9
189	Reliable H/sub âˇž/ controller design for linear systems with sensor failures. , 0, , .		9
190	Unbiased LMS filtering in the presence of white measurement noise with unknown power. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2000, 47, 968-972.	2.3	9
191	Envelope-constrained H/sub âˇž/ filter design: An LMI optimization approach. IEEE Transactions on Signal Processing, 2000, 48, 2960-2963.	3.2	9
192	MRF: A Framework for Source and Destination Based Bandwidth Differentiation Service. IEEE/ACM Transactions on Networking, 2007, 15, 697-708.	2.6	9
193	Robust Kalman filtering for uncertain discrete-time systems with probabilistic parameters bounded within a polytope. Systems and Control Letters, 2008, 57, 482-488.	1.3	9
194	Reliable State Feedback Control Synthesis For Uncertain Linear Systems. Asian Journal of Control, 2003, 5, 301-308.	1.9	9
195	A constructive enhancement for Online Sequential Extreme Learning Machine. , 2009, , .		9
196	Modeling and optimization of different sparse Augmented Firefly Algorithms for ACMV systems under two case studies. Building and Environment, 2017, 125, 129-142.	3.0	9
197	Safety analysis of Super-Critical Water Reactorsâ€"A review. Progress in Nuclear Energy, 2018, 106, 87-101.	1.3	9
198	Deep Learning for Building Occupancy Estimation Using Environmental Sensors. Studies in Computational Intelligence, 2020, , 335-357.	0.7	9

#	ARTICLE	IF	CITATIONS
199	Discrete J-spectral factorization. Systems and Control Letters, 2001, 43, 275-286.	1.3	8
200	Convergence analysis of iterative learning control with uncertain initial conditions. , 0, , .		8
201	Robust stability of perturbed switching systems by matrix measure. Systems and Control Letters, 2002, 45, 9-19.	1.3	8
202	All-fiber acousto-optical tunable filter with loop structure. Optical Engineering, 2003, 42, 3409.	0.5	8
203	SYNCHRONIZATION OF LORENZ SYSTEMS VIA IMPULSIVE CONTROL AND SPORADIC COUPLING. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2004, 14, 2963-2969.	0.7	8
204	Design of spectrum equalization filter for SLED light source. Optics Communications, 2004, 229, 223-231.	1.0	8
205	Nonlinear multi-rate current state estimation: convergence analysis and application to biological systems. Computers and Chemical Engineering, 2004, 28, 1623-1633.	2.0	8
206	Optimal and Self-Tuning State Estimation for Singular Stochastic Systems: A Polynomial Equation Approach. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2004, 51, 327-333.	2.3	8
207	Frequency-domain transfer function of digital multirate controller with current estimator. IEEE Transactions on Control Systems Technology, 2005, 13, 131-137.	3.2	8
208	Spectral effects of dual wavelength low coherence light source in white light interferometry. Optics and Lasers in Engineering, 2013, 51, 651-655.	2.0	8
209	Performance analysis of averaging based distributed estimation algorithm with additive quantization model. Automatica, 2017, 80, 95-101.	3.0	8
210	Design of output-feedback protocols for robust consensus of uncertain linear multi-agent systems. , 2017, , .		8
211	Robustness analysis of matrices with highly structured uncertainties. IEEE Transactions on Automatic Control, 1992, 37, 1974-1976.	3.6	7
212	H/sub 2/ optimal reduced-order filtering with frequency weighting. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 1999, 46, 763-767.	0.1	7
213	An integrated nonlinear observer with sliding mode estimation for a class of nonlinear uncertain systems. , 0, , .		7
214	Design of 100/300 GHz optical interleaver with IIR architectures. Optics Express, 2005, 13, 2643.	1.7	7
215	Extreme Learning Machine based bacterial protein subcellular localization prediction. , 2008, , .		7
216	Convergent conductivity corrections to the Casimir force via exponential basis functions. Physical Review A, 2010, 82, .	1.0	7

#	Article	IF	Citations
217	Extreme Learning Machine with Adaptive Growth of Hidden Nodes and Incremental Updating of Output Weights. Lecture Notes in Computer Science, 2011, , 253-262.	1.0	7
218	The effect of spot size on linearity improvement of tetra-lateral position sensitive detector. Optical and Quantum Electronics, 2011, 42, 721-728.	1.5	7
219	Linear set-membership state estimation with unknown but bounded disturbances. International Journal of Systems Science, 2012, 43, 715-730.	3.7	7
220	Credit risk evaluation with extreme learning machine. , 2012, , .		7
221	Harnessing spectral property of dual wavelength white LED to improve vertical scanning interferometry. Applied Optics, 2013, 52, 4652.	0.9	7
222	Constraint-softening in model predictive control with off-line-optimized admissible sets for systems with additive and multiplicative disturbances. Systems and Control Letters, 2014, 69, 65-72.	1.3	7
223	Stability of an entire polytope of polynomials. International Journal of Control, 1989, 49, 993-999.	1.2	6
224	Stability of a family of polynomials with coefficients bounded in a diamond. IEEE Transactions on Automatic Control, 1991, 36, 1501-1502.	3.6	6
225	Closed-loop hyperstability of interval plants. IEEE Transactions on Automatic Control, 1994, 39, 151-154.	3.6	6
226	Parametrization and optimization of reduced-order filters. IEEE Transactions on Automatic Control, 1999, 44, 418-422.	3.6	6
227	Modelling of constrained robot system with constraint uncertainties. Journal of Field Robotics, 2000, 17, 53-61.	0.7	6
228	Robust predictive control of satellite formations. , 2008, , .		6
229	Distributed Extremum Seeking Control of networked large-scale systems under constraints. , 2013, , .		6
230	Reflection-based near-field ellipsometry for thin film characterization. Ultramicroscopy, 2013, 124, 26-34.	0.8	6
231	Reset control for multi-agent systems. , 2016, , .		6
232	Achieving linear convergence for distributed optimization with zeno-like-free event-triggered communication scheme. , 2017, , .		6
233	A note on the edge theorem. Systems and Control Letters, 1990, 15, 41-43.	1.3	5
234	Damping margins of interval polynomials. IEEE Transactions on Automatic Control, 1990, 35, 477-479.	3.6	5

#	Article	IF	Citations
235	Robust stability bound for systems with structured and unstructured perturbations. IEEE Transactions on Automatic Control, 1993, 38, 1150-1154.	3.6	5
236	Optimal recursive state estimation for singular stochastic discrete-time systems. , 0, , .		5
237	Reliable LQG control with sensor failures. , 0, , .		5
238	A Frequency Aliasing Approach to Chaos-Based Cryptosystems. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2004, 51, 2470-2475.	0.1	5
239	Periodic soliton amplitude variation caused by unstable dispersive waves in a laser. Optics Communications, 2005, 254, 242-247.	1.0	5
240	Design of tunable composite spectrums using all-fiber acoustooptical filters subject to strain control. Journal of Lightwave Technology, 2006, 24, 1855-1864.	2.7	5
241	An improved dynamic model of tuning fork probe for scanning probe microscopy. Journal of Microscopy, 2009, 234, 191-195.	0.8	5
242	Artifact removal by intrinsic harmonics of tuning fork probe for scanning near-field optical microscopy. Optics Express, 2010, 18, 22047.	1.7	5
243	High resolution optical coherence tomography by â„"1-optimization. Optics Communications, 2011, 284, 1752-1759.	1.0	5
244	Autocorrelation noise removal for optical coherence tomography by sparse filter design. Journal of Biomedical Optics, 2012, 17, 0760291.	1.4	5
245	Modeling building occupancy using a novel inhomogeneous Markov chain approach. , 2014, , .		5
246	Physical field estimation from CFD database and sparse sensor observations. , 2015, , .		5
247	Consensus of homogeneous multi-agent systems via output-feedback protocols without controller interaction: A unified robust control view. , 2016, , .		5
248	Performance characterization of the membrane-based energy recovery system. Procedia Engineering, 2017, 214, 50-58.	1.2	5
249	Perturbed polynomials with zeros in the left-sector. Systems and Control Letters, 1989, 12, 415-419.	1.3	4
250	Schur stability of interval polynomials. IEEE Transactions on Automatic Control, 1993, 38, 943-946.	3.6	4
251	Strict positive realness of a family of polytopic plants. IEEE Transactions on Automatic Control, 1993, 38, 287-289.	3.6	4
252	Characterizations of J-lossless time-varying systems via the chain scattering approach. International Journal of Robust and Nonlinear Control, 1998, 8, 39-48.	2.1	4

#	Article	IF	Citations
253	Frequency weighted optimal order reduction of digital filters. Signal Processing, 1999, 75, 65-77.	2.1	4
254	Computerised Auto-Scoring System Based Upon Feature Extraction and Neural Network Technologies. Journal of Intelligent and Robotic Systems: Theory and Applications, 2000, 29, 335-347.	2.0	4
255	A stable dual-wavelength channel-selectable erbium-doped fiber ring laser using channel wavelength generator. Optics Communications, 2003, 225, 89-94.	1.0	4
256	Adaptive autofocusing: a closed-loop perspective. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2005, 22, 625.	0.8	4
257	Equalization of Gaussian-like spectra with optical lattice filters. Journal of the Optical Society of America B: Optical Physics, 2005, 22, 1498.	0.9	4
258	Design of linear-phase two-port optical interleavers using lattice architectures. Optics Letters, 2006, 31, 2411.	1.7	4
259	Design and analysis of dynamic erbium-doped fiber amplifier gain-clamping systems with feedback control. Journal of the Optical Society of America B: Optical Physics, 2007, 24, 1739.	0.9	4
260	Robust Curve Clustering Based on a Multivariate t-Distribution Model. IEEE Transactions on Neural Networks, 2010, 21, 1976-1984.	4.8	4
261	Averaging based distributed estimation algorithm for sensor networks with quantized and directed communication. , 2015, , .		4
262	Contrast enhancement using Mie spectra representation for spectroscopic optical coherence tomography. Optics Communications, 2015, 338, 328-335.	1.0	4
263	ROM: A Robust Online Multi-task Learning Approach. , 2016, , .		4
264	Operating points as communication bridge between energy evaluation with air temperature and velocity based on extreme learning machine (ELM) models. , 2016, , .		4
265	A forward-backward Bregman splitting scheme for regularized distributed optimization problems. , 2016, , .		4
266	CFD results calibration from sparse sensor observations with a case study for indoor thermal map. Building and Environment, 2017, 117, 166-177.	3.0	4
267	Balancing indoor thermal comfort and energy consumption of air-conditioning and mechanical ventilation systems via sparse Firefly algorithm optimization. , 2017, , .		4
268	Energy efficiency improvement with k-means approach to thermal comfort for ACMV systems of smart buildings. , 2017, , .		4
269	Convolutional Neural Network and Kernel Methods for Occupant Thermal State Detection using Wearable Technology. , 2018, , .		4
270	Nonconvex Kharitonov regions. IEEE Transactions on Automatic Control, 1993, 38, 1158-1159.	3.6	3

#	Article	IF	Citations
271	L/sub 2/ optimal reduced order filter design. , 0, , .		3
272	On the lossless and J-lossless embedding theorems in Hˆž. Systems and Control Letters, 1996, 29, 1-7.	1.3	3
273	Robust LQG control of uncertain linear systems via simultaneousH2 andHˆž approach. Optimal Control Applications and Methods, 1997, 18, 49-58.	1.3	3
274	H2 optimal envelope-constrained FIR filter design: An LMI approach. Signal Processing, 1999, 75, 141-149.	2.1	3
275	Transient stability enhancement of power systems by robust adaptive control with saturation constraint. , 0, , .		3
276	Model predictive control of linear time-varying systems with bounded disturbances using a dynamic terminal policy. , 2009, , .		3
277	A robust extended Elman backpropagation algorithm. , 2009, , .		3
278	Distributed blind system identification in sensor networks. , 2014, , .		3
279	Using unlabeled acoustic data with locality-constrained linear coding for energy-related activity recognition in buildings. , 2015, , .		3
280	Networked LQG control over lossy channels with computational/packet-transmission delays and coarsely quantised packets. International Journal of Systems Science, 2016, 47, 1330-1341.	3.7	3
281	Output-feedback H<inf>âˆž</inf> consensus of linear multi-agent systems over general directed graphs. , 2017, , .		3
282	Communicationâ€“computation tradeoff in distributed consensus optimization for MPC-based coordinated control under wireless communications. Journal of the Franklin Institute, 2017, 354, 3654-3677.	1.9	3
283	Aperiodic property of interval polynomials. IEEE Transactions on Automatic Control, 1991, 36, 1084-1086.	3.6	2
284	Maximal perturbation bound for Hurwitz property, of analytic functions. IEEE Transactions on Automatic Control, 1992, 37, 615-618.	3.6	2
285	A unified approach for the analysis and design of robust adaptive control systems. , 0, , .		2
286	Chain scattering approach to H infinity control for time-varying systems. International Journal of Control, 1998, 71, 195-218.	1.2	2
287	FMS job-shop scheduling under disruptions with consideration of time and sequence deviation. , 1999, , .		2
288	Optimality of chip-level detection for OCDMA. Optics Communications, 2005, 255, 196-208.	1.0	2

#	Article	IF	Citations
289	Strain effect on the tunability of cascading all-fiber acoustic-optical tunable filters. Optics Communications, 2005, 247, 65-84.	1.0	2
290	Gaussian-like spectrum equalization using an all-fiber lattice filter with symmetric feedback structure. Optical Engineering, 2005, 44, 050504.	0.5	2
291	Tunable stopband filter by using differential strains in all-fiber acoustooptical filter. IEEE Photonics Technology Letters, 2005, 17, 609-611.	1.3	2
292	All-fiber spectrum equalization filter with a reflection structure. Optical Engineering, 2006, 45, 070502.	0.5	2
293	An efficient all-fiber interleaving filter using fiber Gires-Tournois etalons on a Michelson interferometer. , 2006, , .		2
294	Simultaneous Reliable H8 Stabilization Using a Multi-Controller Configuration. , 2007, , .		2
295	An optimal chip-level OCDMA detector by using photon counting. IEEE Transactions on Communications, 2009, 57, 141-149.	4.9	2
296	A Robust Information Fuzzy Clustering Algorithm for Medical Image Segmentation. , 2010, , .		2
297	Soft-constrained model predictive control based on off-line-computed feasible sets. , 2013, , .		2
298	Set-based model predictive consensus under bounded additive disturbances. , 2013, , .		2
299	Neural-network-based modeling and dynamic policy synthesis for model predictive control of nonlinear systems. , 2014, , .		2
300	Compressed representation learning for fluid field reconstruction from sparse sensor observations. , 2015, , .		2
301	Distributed event driven optimization for network utility maximization. , 2016, , .		2
302	Characterization of allowable perturbations of a closed-loop system with pole-placement controller. IEEE Transactions on Automatic Control, 1988, 33, 466-469.	3.6	1
303	Strong Kharitonov theorems for low-order polynomials. IEEE Transactions on Automatic Control, 1992, 37, 1816-1820.	3.6	1
304	Robust Output Feedback Control for Uncertain Dynamical Systems with Unknown Time Delays. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1995, 28, 277-282.	0.4	1
305	(J, J)-lossless conjugations, (J,J)-lossless factorizations and chain scattering approach to time-varying H control: One and two-block cases. International Journal of Control, 1997, 66, 177-198.	1.2	1
306	Measurement of blood pressure using wavelet transforms. , 0, , .		1

#	ARTICLE	IF	CITATIONS
307	A new technique to filter reduction for speech signal processing systems. , 1999, , .		1
308	Hâˆž optimal envelope-constrained FIR filter design with uncertain input. Signal Processing, 2001, 81, 1407-1415.	2.1	1
309	Stable controller design for linear systems. , 2001, , .		1
310	NEURAL NETWORK BASED CLASSIFICATION USING BLUR DEGRADATION AND AFFINE DEFORMATION INVARIANT FEATURES. International Journal on Artificial Intelligence Tools, 2001, 10, 243-256.	0.7	1
311	On periodic solutions of nonlinear integral equations modelling infectious disease on measure chain. Nonlinear Analysis: Real World Applications, 2003, 4, 787-804.	0.9	1
312	Stability analysis of a class of multidimensional systems. , 0, , .		1
313	Channel wavelength selectable single/dual-wavelength erbium-doped fiber ring laser. Optical Engineering, 2004, 43, 209.	0.5	1
314	MRI Brain Image Segmentation by Adaptive Spatial Deterministic Annealing Clustering. , 0, , .		1
315	Equalization of Gaussian-Like Spectra via Optical Lattice Filters With Symmetric-Feedback Structure. Journal of Lightwave Technology, 2006, 24, 5103-5110.	2.7	1
316	Linear-phase fiber lattice equalizer for Gaussian-like spectra. Optical Engineering, 2006, 45, 080507.	0.5	1
317	Adaptive Spatial Information Clustering for Image Segmentation. , 2006, , .		1
318	Gaussian-like spectra equalization with linear-phase lattice filters. Journal of the Optical Society of America B: Optical Physics, 2007, 24, 615.	0.9	1
319	Reliable decentralized stabilization with performance. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2009, 223, 567-573.	0.7	1
320	Reducedâ€order impulsive control for a class of nonlinear systems. International Journal of Robust and Nonlinear Control, 2010, 20, 892-898.	2.1	1
321	Shear-force atomic force microscope by using the second resonance regime of tuning fork probe. Applied Physics Letters, 2010, 97, 193108.	1.5	1
322	Nonlinear sliding mode observers for fault reconstruction and state estimations. , 2010, , .		1
323	Parameter estimation in dynamic Casimir force measurements with known periodicity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 376, 109-113.	0.9	1
324	Second harmonic generation at the probe tip for background-free near-field optical imaging. Optics Express, 2012, 20, 19431.	1.7	1

#	ARTICLE	IF	CITATIONS
325	Electrostatic calibration method for large-amplitude dynamic Casimir force measurements. Physical Review A, 2012, 86, .	1.0	1
326	Averaging based distributed estimation algorithm for rate-constrained sensor networks with additive quantization model. , 2015, , .		1
327	Communication protocol design in event-triggered control of multi-agent systems. , 2016, , .		1
328	Numerical analysis and model-based control of energy recovery ventilator in HVAC system. , 2016, , .		1
329	Reset control of multi-agent systems with double integrator dynamics. , 2016, , .		1
330	A dual splitting algorithm for distributed resource allocation problems. , 2017, , .		1
331	Development of a novel strategy of CFD-based model predictive control. Procedia Engineering, 2017, 214, 69-75.	1.2	1
332	Improvement of Energy Efficiency of Markov ACMV Systems based on PTS Information of Occupants. , 2018, , .		1
333	J-spectral factorization for general rational matrices with application in robust estimation. , 0, , .		1
334	Comments on "Comments on "Stability analysis of a family of matrices" by J.H. Kim and Z. Bien. IEEE Transactions on Automatic Control, 1993, 38, 1607-1608.	3.6	0
335	SchÃºr stability of uncertain polynomials: some extreme point results. International Journal of Systems Science, 1994, 25, 1293-1303.	3.7	0
336	A robust adaptive controller without apriori knowledge from modelling errors. , 0, , .		0
337	J-lossless conjugations and J-lossless factorizations of exponentially stable time-varying systems. International Journal of Control, 1997, 66, 199-212.	1.2	0
338	Convergent algorithms for H/sub 2/ optimal discrete filter reduction. , 0, , .		0
339	Co-(J'', J)-lossless co-conjugations and co-(J'', J)-lossless factorizations of linear time-varying systems. International Journal of Control, 1997, 68, 731-752.	1.2	0
340	Optimal filter reduction for unstable discrete-time systems. , 1998, , .		0
341	H/sub âˆž/ optimal envelope-constrained FIR filter design: an LMI approach. , 0, , .		0
342	Optimal model reduction with applications in filter approximation 1. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 4235-4240.	0.4	0

#	ARTICLE	IF	CITATIONS
343	Optimal and self-tuning state estimation for singular stochastic systems: a polynomial equation approach. , 0, , .		0
344	Dissipation design for uncertain discrete-time systems. , 0, , .		0
345	Robust nonlinear H/sub /spl infin// control system design. , 2000, , .		0
346	Asymptotic behavior of periodicH ? a posteriori filters. Circuits, Systems, and Signal Processing, 2001, 20, 529-540.	1.2	0
347	A robust Kalman filter design for image restoration. , 0, , .		0
348	Robust H/sub 2/ estimation and control. , 0, , .		0
349	SLED equalization using all-fiber unbalanced Mach-Zehnder interferometer. , 0, , .		0
350	Enhance performance of acoustic-optical tunable filters by using spectral servo. , 2003, , .		0
351	Channel-wavelength-selectable multiwavelength ring laser using a cascaded fiber MZ interferometer and a EDFA. , 2003, , .		0
352	Dual detection for optical code division multiple access communication. Optical Engineering, 2004, 43, 2835.	0.5	0
353	Advanced Intelligent Coordinated Control of Coal Fired Power Plant based on Fuzzy Reasoning and Auto-Tuning. Intelligent Automation and Soft Computing, 2004, 10, 247-261.	1.6	0
354	Performance comparison between 2D correlation and chip-level receivers for OCDMA. , 0, , .		0
355	Triple fixed-sign solutions in modelling a system with Hermite boundary conditions. Journal of Inequalities and Applications, 2005, 2005, 746740.	0.5	0
356	Constant-sign solutions for a system of integral equations on time scales. Computers and Mathematics With Applications, 2005, 49, 271-280.	1.4	0
357	Mode locking regimes of a fiber ring laser. , 0, , .		0
358	Adaptive Spatial Information Clustering for Image Segmentation. , 0, , .		0
359	Monotonicity of Likelihood Ratio of MAP Correlation Detection for OCDMA Communication. IEEE Transactions on Communications, 2007, 55, 1288-1295.	4.9	0
360	A New Approach To Optimal and Self-Tuning Filtering, Smoothing and Prediction For Discrete-Time Systems. Asian Journal of Control, 2008, 3, 234-239.	1.9	0

#	Article	IF	Citations
361	Image clustering by incorporating adaptive spatial connectivity. , 2008, , .		0
362	State and unknown input estimations for a special class of nonlinear uncertain systems. , 2009, , .		0
363	A novel probe–sample separation estimation scheme for atomic force microscopy. Ultramicroscopy, 2010, 110, 622-625.	0.8	0
364	The effect of spot size on linearity improvement of tetra-lateral position sensitive detector. , 2010, , .		0
365	Separation Gap Estimation in Dynamic Systems Actuated by Casimir Force. Advanced Materials Research, 2011, 254, 21-24.	0.3	0
366	Dual Wavelength White LED for Performance Improvement of White Light Interferometry. , 2013, , .		0
367	Send-on-delta data fusion for state estimation in wireless sensor networks. , 2016, , .		0
368	Improved Adaptive Spatial Information Clustering for Image Segmentation. Lecture Notes in Computer Science, 2008, , , 308-317.	1.0	0
369	High Sensitive Optical Displacement Sensor by Using Surface Plasmons. , 2009, , .		0