

# Yeng Chai Soh

## List of Publications by Year in descending order

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369  
papers

11,717  
citations

23567

58  
h-index

39675

94  
g-index

369  
all docs

369  
docs citations

369  
times ranked

7788  
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning driven personal comfort prediction by wearable sensing of pulse rate and skin temperature. <i>Building and Environment</i> , 2020, 170, 106615.	6.9	62
2	Bayesian filtering for building occupancy estimation from carbon dioxide concentration. <i>Energy and Buildings</i> , 2020, 206, 109566.	6.7	24
3	Deep Learning for Building Occupancy Estimation Using Environmental Sensors. <i>Studies in Computational Intelligence</i> , 2020, , 335-357.	0.9	9
4	A Dual Splitting Approach for Distributed Resource Allocation With Regularization. <i>IEEE Transactions on Control of Network Systems</i> , 2019, 6, 403-414.	3.7	30
5	A feedforward neural network based indoor-climate control framework for thermal comfort and energy saving in buildings. <i>Applied Energy</i> , 2019, 248, 44-53.	10.1	135
6	Reset control for synchronization of multi-agent systems. <i>Automatica</i> , 2019, 104, 189-195.	5.0	29
7	Group Greedy Method for Sensor Placement. <i>IEEE Transactions on Signal Processing</i> , 2019, 67, 2249-2262.	5.3	41
8	A Novel Semisupervised Deep Learning Method for Human Activity Recognition. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 3821-3830.	11.3	64
9	A Novel Reduced-Order Protocol for Consensus Control of Linear Multiagent Systems. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 3005-3012.	5.7	37
10	A Bregman Splitting Scheme for Distributed Optimization Over Networks. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 3809-3824.	5.7	36
11	Event-Triggered Output Regulation of Heterogeneous Multiagent Networks. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 4429-4434.	5.7	62
12	Random forest based thermal comfort prediction from gender-specific physiological parameters using wearable sensing technology. <i>Energy and Buildings</i> , 2018, 166, 391-406.	6.7	130
13	Safety analysis of Super-Critical Water Reactorsâ€”A review. <i>Progress in Nuclear Energy</i> , 2018, 106, 87-101.	2.9	9
14	Event-Triggered Communication and Data Rate Constraint for Distributed Optimization of Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018, 48, 1908-1919.	9.3	106
15	Convergence of Asynchronous Distributed Gradient Methods Over Stochastic Networks. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 434-448.	5.7	131
16	Distributed multi-task classification: a decentralized online learning approach. <i>Machine Learning</i> , 2018, 107, 727-747.	5.4	22
17	A novel feature selection framework with Hybrid Feature-Scaled Extreme Learning Machine (HFS-ELM) for indoor occupancy estimation. <i>Energy and Buildings</i> , 2018, 158, 1139-1151.	6.7	26
18	Thermal comfort prediction using normalized skin temperature in a uniform built environment. <i>Energy and Buildings</i> , 2018, 159, 426-440.	6.7	115

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19	Convolutional Neural Network and Kernel Methods for Occupant Thermal State Detection using Wearable Technology. , 2018, , .		4
20	Robust consensus of uncertain linear multi-agent systems via dynamic output feedback. Automatica, 2018, 98, 114-123.	5.0	57
21	Improvement of Energy Efficiency of Markov ACMV Systems based on PTS Information of Occupants. , 2018, , .		1
22	Cooperative Output Regulation of Heterogeneous Linear Multi-Agent Networks via $H_{\infty}$ Performance Allocation. IEEE Transactions on Automatic Control, 2018, , 1-1.	5.7	21
23	Numerical investigation of supercritical water flow in a vertical pipe under axially non-uniform heat flux. Progress in Nuclear Energy, 2017, 97, 11-25.	2.9	22
24	Workload Factoring and Resource Sharing via Joint Vertical and Horizontal Cloud Federation Networks. IEEE Journal on Selected Areas in Communications, 2017, 35, 557-570.	14.0	21
25	CFD results calibration from sparse sensor observations with a case study for indoor thermal map. Building and Environment, 2017, 117, 166-177.	6.9	4
26	Occupancy estimation with environmental sensing via non-iterative LRF feature learning in time and frequency domains. Energy and Buildings, 2017, 141, 125-133.	6.7	22
27	Environmental Sensors-Based Occupancy Estimation in Buildings via IHMM-MLR. IEEE Transactions on Industrial Informatics, 2017, 13, 2184-2193.	11.3	32
28	Performance analysis of averaging based distributed estimation algorithm with additive quantization model. Automatica, 2017, 80, 95-101.	5.0	8
29	Output-feedback protocols without controller interaction for consensus of homogeneous multi-agent systems: A unified robust control view. Automatica, 2017, 81, 37-45.	5.0	62
30	Building Occupancy Estimation with Environmental Sensors via CDBLSTM. IEEE Transactions on Industrial Electronics, 2017, 64, 9549-9559.	7.9	47
31	Balancing indoor thermal comfort and energy consumption of ACMV systems via sparse swarm algorithms in optimizations. Energy and Buildings, 2017, 149, 1-15.	6.7	32
32	Robust Human Activity Recognition Using Smartphone Sensors via CT-PCA and Online SVM. IEEE Transactions on Industrial Informatics, 2017, 13, 3070-3080.	11.3	189
33	Machine learning based prediction of thermal comfort in buildings of equatorial Singapore. , 2017, , .		40
34	Output-feedback $H_{\infty}$ consensus of linear multi-agent systems over general directed graphs. , 2017, , .		3
35	Modeling and optimization of different sparse Augmented Firefly Algorithms for ACMV systems under two case studies. Building and Environment, 2017, 125, 129-142.	6.9	9
36	Design of output-feedback protocols for robust consensus of uncertain linear multi-agent systems. , 2017, , .		8

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37	Occupancy estimation from environmental parameters using wrapper and hybrid feature selection. Applied Soft Computing Journal, 2017, 60, 482-494.	7.2	31
38	Two-stage indoor physical field reconstruction from sparse sensor observations. Energy and Buildings, 2017, 151, 548-563.	6.7	12
39	Asynchronous periodic event-triggered consensus for multi-agent systems. Automatica, 2017, 84, 214-220.	5.0	88
40	Balancing indoor thermal comfort and energy consumption of air-conditioning and mechanical ventilation systems via sparse Firefly algorithm optimization. , 2017, , .		4
41	Comparing occupancy models and data mining approaches for regular occupancy prediction in commercial buildings. Journal of Building Performance Simulation, 2017, 10, 545-553.	2.0	22
42	Energy efficiency improvement with k-means approach to thermal comfort for ACMV systems of smart buildings. , 2017, , .		4
43	A dual splitting algorithm for distributed resource allocation problems. , 2017, , .		1
44	Performance characterization of the membrane-based energy recovery system. Procedia Engineering, 2017, 214, 50-58.	1.2	5
45	Development of a novel strategy of CFD-based model predictive control. Procedia Engineering, 2017, 214, 69-75.	1.2	1
46	Achieving linear convergence for distributed optimization with zero-like-free event-triggered communication scheme. , 2017, , .		6
47	Communicationâ€“computation tradeoff in distributed consensus optimization for MPC-based coordinated control under wireless communications. Journal of the Franklin Institute, 2017, 354, 3654-3677.	3.4	3
48	On assuming Mean Radiant Temperature equal to air temperature during PMV-based thermal comfort study in air-conditioned buildings. , 2016, , .		19
49	Communication protocol design in event-triggered control of multi-agent systems. , 2016, , .		1
50	ROM: A Robust Online Multi-task Learning Approach. , 2016, , .		4
51	Operating points as communication bridge between energy evaluation with air temperature and velocity based on extreme learning machine (ELM) models. , 2016, , .		4
52	Numerical analysis and model-based control of energy recovery ventilator in HVAC system. , 2016, , .		1
53	Distributed event driven optimization for network utility maximization. , 2016, , .		2
54	A forward-backward Bregman splitting scheme for regularized distributed optimization problems. , 2016, , .		4

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55	Indoor occupancy estimation from carbon dioxide concentration. Energy and Buildings, 2016, 131, 132-141.	6.7	149
56	Reset control of multi-agent systems with double integrator dynamics. , 2016, , .		1
57	Send-on-delta data fusion for state estimation in wireless sensor networks. , 2016, , .		0
58	A distributed simultaneous perturbation approach for large-scale dynamic optimization problems. Automatica, 2016, 72, 194-204.	5.0	14
59	Reset control for multi-agent systems. , 2016, , .		6
60	Consensus of homogeneous multi-agent systems via output-feedback protocols without controller interaction: A unified robust control view. , 2016, , .		5
61	A fusion framework for occupancy estimation in office buildings based on environmental sensor data. Energy and Buildings, 2016, 133, 790-798.	6.7	70
62	Sensor Placement by Maximal Projection on Minimum Eigenspace for Linear Inverse Problems. IEEE Transactions on Signal Processing, 2016, 64, 5595-5610.	5.3	56
63	Smartphone Inertial Sensor-Based Indoor Localization and Tracking With iBeacon Corrections. IEEE Transactions on Industrial Informatics, 2016, 12, 1540-1549.	11.3	177
64	Distributed Inference for Relay-Assisted Sensor Networks With Intermittent Measurements Over Fading Channels. IEEE Transactions on Signal Processing, 2016, 64, 742-756.	5.3	12
65	Sensor and CFD data fusion for airflow field estimation. Applied Thermal Engineering, 2016, 92, 149-161.	6.0	19
66	Networked LQG control over lossy channels with computational/packet-transmission delays and coarsely quantised packets. International Journal of Systems Science, 2016, 47, 1330-1341.	5.5	3
67	Augmented distributed gradient methods for multi-agent optimization under uncoordinated constant stepsizes. , 2015, , .		177
68	Modeling regular occupancy in commercial buildings using stochastic models. Energy and Buildings, 2015, 103, 216-223.	6.7	69
69	Averaging based distributed estimation algorithm for rate-constrained sensor networks with additive quantization model. , 2015, , .		1
70	Periodic event-triggered average consensus over directed graphs. , 2015, , .		23
71	Compressed representation learning for fluid field reconstruction from sparse sensor observations. , 2015, , .		2
72	Real-time occupancy estimation using environmental parameters. , 2015, , .		27

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73	Physical field estimation from CFD database and sparse sensor observations. , 2015, , .		5
74	Averaging based distributed estimation algorithm for sensor networks with quantized and directed communication. , 2015, , .		4
75	Smartphone-based Human Activity Recognition in buildings using Locality-constrained Linear Coding. , 2015, , .		10
76	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.	6.0	33
77	Fusion of WiFi, Smartphone Sensors and Landmarks Using the Kalman Filter for Indoor Localization. Sensors, 2015, 15, 715-732.	3.8	321
78	Decoupled current control and sensor fault detection with second-order sliding mode for induction motor. IET Control Theory and Applications, 2015, 9, 608-617.	2.1	40
79	Using unlabeled acoustic data with locality-constrained linear coding for energy-related activity recognition in buildings. , 2015, , .		3
80	Distributed Parameter Estimation With Quantized Communication via Running Average. IEEE Transactions on Signal Processing, 2015, 63, 4634-4646.	5.3	20
81	Indoor localization using smartphone sensors and iBeacons. , 2015, , .		40
82	Stabilizing model predictive control using parameter-dependent dynamic policy for nonlinear systems modeled with neural networks. Journal of Process Control, 2015, 36, 11-21.	3.3	10
83	Stacked Extreme Learning Machines. IEEE Transactions on Cybernetics, 2015, 45, 2013-2025.	9.5	112
84	Contrast enhancement using Mie spectra representation for spectroscopic optical coherence tomography. Optics Communications, 2015, 338, 328-335.	2.1	4
85	Distributed blind system identification in sensor networks. , 2014, , .		3
86	Higher-Order Sliding Mode Observer for Speed and Position Estimation in PMSM. Mathematical Problems in Engineering, 2014, 2014, 1-12.	1.1	13
87	Modeling building occupancy using a novel inhomogeneous Markov chain approach. , 2014, , .		5
88	Neural-network-based modeling and dynamic policy synthesis for model predictive control of nonlinear systems. , 2014, , .		2
89	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.	5.7	11
90	Higher-order sliding mode observer for estimation of tyre friction in ground vehicles. IET Control Theory and Applications, 2014, 8, 399-408.	2.1	52

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91	Blind Channel and Source Estimation in Networked Systems. IEEE Transactions on Signal Processing, 2014, 62, 4611-4626.	5.3	18
92	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.	2.3	7
93	High-gain observer with sliding mode for nonlinear state estimation and fault reconstruction. Journal of the Franklin Institute, 2014, 351, 1995-2014.	3.4	65
94	High-gain observer with higher order sliding mode for state and unknown disturbance estimations. International Journal of Robust and Nonlinear Control, 2014, 24, 2136-2151.	3.7	27
95	Networked LQG control over unreliable channels. International Journal of Robust and Nonlinear Control, 2013, 23, 167-189.	3.7	30
96	An adaptive spatial information-theoretic fuzzy clustering algorithm for image segmentation. Computer Vision and Image Understanding, 2013, 117, 1412-1420.	4.7	95
97	An extreme learning machine approach for speaker recognition. Neural Computing and Applications, 2013, 22, 417-425.	5.6	48
98	Distributed Extremum Seeking Control of networked large-scale systems under constraints. , 2013, , .		6
99	Reflection-based near-field ellipsometry for thin film characterization. Ultramicroscopy, 2013, 124, 26-34.	1.9	6
100	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.	7.9	21
101	Spectral effects of dual wavelength low coherence light source in white light interferometry. Optics and Lasers in Engineering, 2013, 51, 651-655.	3.8	8
102	Dynamic Extreme Learning Machine and Its Approximation Capability. IEEE Transactions on Cybernetics, 2013, 43, 2054-2065.	9.5	63
103	Harnessing spectral property of dual wavelength white LED to improve vertical scanning interferometry. Applied Optics, 2013, 52, 4652.	1.8	7
104	Soft-constrained model predictive control based on off-line-computed feasible sets. , 2013, , .		2
105	Set-based model predictive consensus under bounded additive disturbances. , 2013, , .		2
106	Dual Wavelength White LED for Performance Improvement of White Light Interferometry. , 2013, , .		0
107	Autocorrelation noise removal for optical coherence tomography by sparse filter design. Journal of Biomedical Optics, 2012, 17, 0760291.	2.6	5
108	Second harmonic generation at the probe tip for background-free near-field optical imaging. Optics Express, 2012, 20, 19431.	3.4	1

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109	Linear set-membership state estimation with unknown but bounded disturbances. International Journal of Systems Science, 2012, 43, 715-730.	5.5	7
110	Electrostatic calibration method for large-amplitude dynamic Casimir force measurements. Physical Review A, 2012, 86, .	2.5	1
111	Credit risk evaluation with extreme learning machine. , 2012, , .		7
112	Optimized Dynamic Policy for Receding Horizon Control of Linear Time-Varying Systems With Bounded Disturbances. IEEE Transactions on Automatic Control, 2012, 57, 973-988.	5.7	53
113	Extreme Learning Machine with Adaptive Growth of Hidden Nodes and Incremental Updating of Output Weights. Lecture Notes in Computer Science, 2011, , 253-262.	1.3	7
114	Optical coherence tomography by using frequency measurements in wavelength domain. Optics Express, 2011, 19, 1324.	3.4	11
115	Analysis and improvement of Laguerreâ€“Gaussian beam position estimation using quadrant detectors. Optics Letters, 2011, 36, 1692.	3.3	28
116	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.	5.5	29
117	Parameter estimation in dynamic Casimir force measurements with known periodicity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 376, 109-113.	2.1	1
118	Fault reconstruction and state estimation with sliding mode observers for Lipschitz non-linear systems. IET Control Theory and Applications, 2011, 5, 1255-1263.	2.1	51
119	The effect of spot size on linearity improvement of tetra-lateral position sensitive detector. Optical and Quantum Electronics, 2011, 42, 721-728.	3.3	7
120	Multiple sliding mode observers and unknown input estimations for Lipschitz nonlinear systems. International Journal of Robust and Nonlinear Control, 2011, 21, 1322-1340.	3.7	30
121	High resolution optical coherence tomography by $\hat{\alpha}$ -1-optimization. Optics Communications, 2011, 284, 1752-1759.	2.1	5
122	Separation Gap Estimation in Dynamic Systems Actuated by Casimir Force. Advanced Materials Research, 2011, 254, 21-24.	0.3	0
123	Reducedâ€“order impulsive control for a class of nonlinear systems. International Journal of Robust and Nonlinear Control, 2010, 20, 892-898.	3.7	1
124	Convergent conductivity corrections to the Casimir force via exponential basis functions. Physical Review A, 2010, 82, .	2.5	7
125	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.	2.7	15
126	Linearity Indices and Linearity Improvement of 2-D Tetralateral Position-Sensitive Detector. IEEE Transactions on Electron Devices, 2010, 57, 2310-2316.	3.0	57



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127	Open Cirrus: A Global Cloud Computing Testbed. Computer, 2010, 43, 35-43.	1.1	116
128	Constructive hidden nodes selection of extreme learning machine for regression. Neurocomputing, 2010, 73, 3191-3199.	5.9	120
129	Two-stage extreme learning machine for regression. Neurocomputing, 2010, 73, 3028-3038.	5.9	90
130	An information-theoretic fuzzy C-spherical shells clustering algorithm. Fuzzy Sets and Systems, 2010, 161, 1755-1773.	2.7	10
131	A novel probeâ€“sample separation estimation scheme for atomic force microscopy. Ultramicroscopy, 2010, 110, 622-625.	1.9	0
132	Shear-force atomic force microscope by using the second resonance regime of tuning fork probe. Applied Physics Letters, 2010, 97, 193108.	3.3	1
133	The effect of spot size on linearity improvement of tetra-lateral position sensitive detector. , 2010, , .		0
134	Improved measurement accuracy of the quadrant detector through improvement of linearity index. Applied Physics Letters, 2010, 96, .	3.3	36
135	Robust Curve Clustering Based on a Multivariate $t$ -Distribution Model. IEEE Transactions on Neural Networks, 2010, 21, 1976-1984.	4.2	4
136	Near-field ellipsometry for thin film characterization. Optics Express, 2010, 18, 3298.	3.4	17
137	Artifact removal by intrinsic harmonics of tuning fork probe for scanning near-field optical microscopy. Optics Express, 2010, 18, 22047.	3.4	5
138	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.	5.3	158
139	A reconfigurable optofluidic Michelson interferometer using tunable droplet grating. Lab on A Chip, 2010, 10, 1072.	6.0	58
140	An Accurate Separation Estimation Algorithm for the Casimir Oscillator. Journal of Microelectromechanical Systems, 2010, 19, 1153-1161.	2.5	17
141	A Robust Information Fuzzy Clustering Algorithm for Medical Image Segmentation. , 2010, , .		2
142	Nonlinear sliding mode observers for fault reconstruction and state estimations. , 2010, , .		1
143	Optimal Kalman filtering with random sensor delays, packet dropouts and missing measurements. , 2009, , .		30
144	State and unknown input estimations for a special class of nonlinear uncertain systems. , 2009, , .		0

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145	Model predictive control of linear time-varying systems with bounded disturbances using a dynamic terminal policy. , 2009, , .		3
146	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.	1.7	11
147	Reliable decentralized stabilization with performance. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2009, 223, 567-573.	1.0	1
148	Ensemble of online sequential extreme learning machine. Neurocomputing, 2009, 72, 3391-3395.	5.9	302
149	An optimal chip-level OCDMA detector by using photon counting. IEEE Transactions on Communications, 2009, 57, 141-149.	7.8	2
150	Adaptive spatial information-theoretic clustering for image segmentation. Pattern Recognition, 2009, 42, 2029-2044.	8.1	53
151	An improved dynamic model of tuning fork probe for scanning probe microscopy. Journal of Microscopy, 2009, 234, 191-195.	1.8	5
152	Improve performance of scanning probe microscopy by balancing tuning fork prongs. Ultramicroscopy, 2009, 109, 291-295.	1.9	24
153	A robust extended Elman backpropagation algorithm. , 2009, , .		3
154	A constructive enhancement for Online Sequential Extreme Learning Machine. , 2009, , .		9
155	Discrete-Time Sliding-Mode State and Unknown Input Estimations for Nonlinear Systems. IEEE Transactions on Industrial Electronics, 2009, 56, 3443-3452.	7.9	37
156	High-Gain Observers With Sliding Mode for State and Unknown Input Estimations. IEEE Transactions on Industrial Electronics, 2009, 56, 3386-3393.	7.9	86
157	High Sensitive Optical Displacement Sensor by Using Surface Plasmons. , 2009, , .		0
158	Performance improvement and wavelength reuse in millimeter-wave radio-over-fiber links incorporating all-fiber optical interleaver. Optics Communications, 2008, 281, 2572-2581.	2.1	11
159	Improved robust backstepping adaptive control for nonlinear discrete-time systems without overparameterization. Automatica, 2008, 44, 864-867.	5.0	27
160	Robust Kalman filtering for uncertain discrete-time systems with probabilistic parameters bounded within a polytope. Systems and Control Letters, 2008, 57, 482-488.	2.3	9
161	Optimal linear estimation for systems with multiple packet dropouts. Automatica, 2008, 44, 1333-1342.	5.0	287
162	A New Approach To Optimal and Self-Tuning Filtering, Smoothing and Prediction For Discrete-Time Systems. Asian Journal of Control, 2008, 3, 234-239.	3.0	0

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163	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.	8.3	154
164	An on-chip liquid tunable grating using multiphase droplet microfluidics. Applied Physics Letters, 2008, 93, 164107.	3.3	34
165	Robust Adaptive Gradient-Descent Training Algorithm for Recurrent Neural Networks in Discrete Time Domain. IEEE Transactions on Neural Networks, 2008, 19, 1841-1853.	4.2	72
166	Image clustering by incorporating adaptive spatial connectivity. , 2008, , .		0
167	Robust predictive control of satellite formations. , 2008, , .		6
168	Extreme Learning Machine based bacterial protein subcellular localization prediction. , 2008, , .		7
169	Rate Control of H.264/AVC Scalable Extension. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 116-121.	8.3	71
170	Robust Neural Network Tracking Controller Using Simultaneous Perturbation Stochastic Approximation. IEEE Transactions on Neural Networks, 2008, 19, 817-835.	4.2	47
171	Improved Adaptive Spatial Information Clustering for Image Segmentation. Lecture Notes in Computer Science, 2008, , 308-317.	1.3	0
172	Gaussian-like spectra equalization with linear-phase lattice filters. Journal of the Optical Society of America B: Optical Physics, 2007, 24, 615.	2.1	1
173	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.	2.1	4
174	Robust observer with sliding mode estimation for nonlinear uncertain systems. IET Control Theory and Applications, 2007, 1, 1533-1540.	2.1	62
175	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.	8.3	177
176	Simultaneous Reliable H8 Stabilization Using a Multi-Controller Configuration. , 2007, , .		2
177	MRF: A Framework for Source and Destination Based Bandwidth Differentiation Service. IEEE/ACM Transactions on Networking, 2007, 15, 697-708.	3.8	9
178	Robust discrete-time nonlinear sliding mode state estimation of uncertain nonlinear systems. International Journal of Robust and Nonlinear Control, 2007, 17, 803-828.	3.7	45
179	Monotonicity of Likelihood Ratio of MAP Correlation Detection for OCDMA Communication. IEEE Transactions on Communications, 2007, 55, 1288-1295.	7.8	0
180	Design of linear-phase two-port optical interleavers using lattice architectures. Optics Letters, 2006, 31, 2411.	3.3	4

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181	Design of tunable composite spectrums using all-fiber acoustooptical filters subject to strain control. Journal of Lightwave Technology, 2006, 24, 1855-1864.	4.6	5
182	Equalization of Gaussian-Like Spectra via Optical Lattice Filters With Symmetric-Feedback Structure. Journal of Lightwave Technology, 2006, 24, 5103-5110.	4.6	1
183	All-fiber spectrum equalization filter with a reflection structure. Optical Engineering, 2006, 45, 070502.	1.0	2
184	Linear-phase fiber lattice equalizer for Gaussian-like spectra. Optical Engineering, 2006, 45, 080507.	1.0	1
185	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.	2.1	33
186	An efficient all-fiber interleaving filter using fiber Gires-Tournois etalons on a Michelson interferometer. , 2006, , .		2
187	Adaptive Spatial Information Clustering for Image Segmentation. , 2006, , .		1
188	SYNCHRONIZATION OF CHAOTIC SYSTEMS WITH PARAMETRIC UNCERTAINTY AND MISMATCH. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2006, 16, 1445-1459.	1.7	10
189	Triple fixed-sign solutions in modelling a system with Hermite boundary conditions. Journal of Inequalities and Applications, 2005, 2005, 746740.	1.1	0
190	Frequency-domain transfer function of digital multirate controller with current estimator. IEEE Transactions on Control Systems Technology, 2005, 13, 131-137.	5.2	8
191	<small>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" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x</small>	5.0	39
192	Robust information filter for decentralized estimation. Automatica, 2005, 41, 2141-2146.	5.0	12
193	Optimality of chip-level detection for OCDMA. Optics Communications, 2005, 255, 196-208.	2.1	2
194	Strain effect on the tunability of cascading all-fiber acoustic-optical tunable filters. Optics Communications, 2005, 247, 65-84.	2.1	2
195	Periodic soliton amplitude variation caused by unstable dispersive waves in a laser. Optics Communications, 2005, 254, 242-247.	2.1	5
196	HVAC system optimizationâ€™in-building section. Energy and Buildings, 2005, 37, 11-22.	6.7	175
197	Constant-sign solutions for a system of integral equations on time scales. Computers and Mathematics With Applications, 2005, 49, 271-280.	2.7	0
198	Integral quadratic constraint approach vs. multiplier approach. Automatica, 2005, 41, 281-287.	5.0	28

#	ARTICLE	IF	CITATIONS
199	Global optimization for overall HVAC systemsâ€™â€™Part II problem solution and simulations. Energy Conversion and Management, 2005, 46, 1015-1028.	9.2	73
200	Global optimization for overall HVAC systemsâ€™â€™Part I problem formulation and analysis. Energy Conversion and Management, 2005, 46, 999-1014.	9.2	100
201	Synthesis of simultaneous stabilizing Hâˆž Controller controller. International Journal of Control, 2005, 78, 1437-1446.	1.9	10
202	Gaussian-like spectrum equalization using an all-fiber lattice filter with symmetric feedback structure. Optical Engineering, 2005, 44, 050504.	1.0	2
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