

# Yeng Chai Soh

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

326  
papers

8,442  
citations

50  
h-index

79  
g-index

369  
ext. papers

10,433  
ext. citations

4  
avg, IF

6.44  
L-index

#	Paper	IF	Citations
326	Deep Learning for Building Occupancy Estimation Using Environmental Sensors. <i>Studies in Computational Intelligence</i> , <b>2020</b> , 335-357	0.8	4
325	Machine learning driven personal comfort prediction by wearable sensing of pulse rate and skin temperature. <i>Building and Environment</i> , <b>2020</b> , 170, 106615	6.5	25
324	Bayesian filtering for building occupancy estimation from carbon dioxide concentration. <i>Energy and Buildings</i> , <b>2020</b> , 206, 109566	7	11
323	A feedforward neural network based indoor-climate control framework for thermal comfort and energy saving in buildings. <i>Applied Energy</i> , <b>2019</b> , 248, 44-53	10.7	82
322	Reset control for synchronization of multi-agent systems. <i>Automatica</i> , <b>2019</b> , 104, 189-195	5.7	15
321	. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 2249-2262	4.8	21
320	A Dual Splitting Approach for Distributed Resource Allocation With Regularization. <i>IEEE Transactions on Control of Network Systems</i> , <b>2019</b> , 6, 403-414	4	14
319	A Novel Semisupervised Deep Learning Method for Human Activity Recognition. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 3821-3830	11.9	36
318	A Novel Reduced-Order Protocol for Consensus Control of Linear Multiagent Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 3005-3012	5.9	17
317	A Bregman Splitting Scheme for Distributed Optimization Over Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 3809-3824	5.9	23
316	Event-Triggered Output Regulation of Heterogeneous Multiagent Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 4429-4434	5.9	41
315	Random forest based thermal comfort prediction from gender-specific physiological parameters using wearable sensing technology. <i>Energy and Buildings</i> , <b>2018</b> , 166, 391-406	7	69
314	Safety analysis of Super-Critical Water Reactors—a review. <i>Progress in Nuclear Energy</i> , <b>2018</b> , 106, 87-101	2.3	9
313	Event-Triggered Communication and Data Rate Constraint for Distributed Optimization of Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 1908-1919	7.3	76
312	Convergence of Asynchronous Distributed Gradient Methods Over Stochastic Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 434-448	5.9	67
311	Distributed multi-task classification: a decentralized online learning approach. <i>Machine Learning</i> , <b>2018</b> , 107, 727-747	4	15
310	A novel feature selection framework with Hybrid Feature-Scaled Extreme Learning Machine (HFS-ELM) for indoor occupancy estimation. <i>Energy and Buildings</i> , <b>2018</b> , 158, 1139-1151	7	18

309	Thermal comfort prediction using normalized skin temperature in a uniform built environment. <i>Energy and Buildings</i> , <b>2018</b> , 159, 426-440	7	70
308	Convolutional Neural Network and Kernel Methods for Occupant Thermal State Detection using Wearable Technology <b>2018</b> ,		2
307	Robust consensus of uncertain linear multi-agent systems via dynamic output feedback. <i>Automatica</i> , <b>2018</b> , 98, 114-123	5.7	24
306	. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 1-1	5.9	7
305	Numerical investigation of supercritical water flow in a vertical pipe under axially non-uniform heat flux. <i>Progress in Nuclear Energy</i> , <b>2017</b> , 97, 11-25	2.3	15
304	Workload Factoring and Resource Sharing via Joint Vertical and Horizontal Cloud Federation Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2017</b> , 35, 557-570	14.2	14
303	CFD results calibration from sparse sensor observations with a case study for indoor thermal map. <i>Building and Environment</i> , <b>2017</b> , 117, 166-177	6.5	2
302	Occupancy estimation with environmental sensing via non-iterative LRF feature learning in time and frequency domains. <i>Energy and Buildings</i> , <b>2017</b> , 141, 125-133	7	16
301	Environmental Sensors-Based Occupancy Estimation in Buildings via IHMM-MLR. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 2184-2193	11.9	24
300	Performance analysis of averaging based distributed estimation algorithm with additive quantization model. <i>Automatica</i> , <b>2017</b> , 80, 95-101	5.7	6
299	Output-feedback protocols without controller interaction for consensus of homogeneous multi-agent systems: A unified robust control view. <i>Automatica</i> , <b>2017</b> , 81, 37-45	5.7	43
298	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 9549-9559	8.9	33
297	Balancing indoor thermal comfort and energy consumption of ACMV systems via sparse swarm algorithms in optimizations. <i>Energy and Buildings</i> , <b>2017</b> , 149, 1-15	7	20
296	Robust Human Activity Recognition Using Smartphone Sensors via CT-PCA and Online SVM. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 3070-3080	11.9	126
295	Machine learning based prediction of thermal comfort in buildings of equatorial Singapore <b>2017</b> ,		23
294	Achieving linear convergence for distributed optimization with zeno-like-free event-triggered communication scheme <b>2017</b> ,		4
293	Output-feedback H <sub>∞</sub> consensus of linear multi-agent systems over general directed graphs <b>2017</b> ,		1
292	Modeling and optimization of different sparse Augmented Firefly Algorithms for ACMV systems under two case studies. <i>Building and Environment</i> , <b>2017</b> , 125, 129-142	6.5	6

291	Design of output-feedback protocols for robust consensus of uncertain linear multi-agent systems <b>2017</b> ,		6
290	Occupancy estimation from environmental parameters using wrapper and hybrid feature selection. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 60, 482-494	7.5	22
289	Two-stage indoor physical field reconstruction from sparse sensor observations. <i>Energy and Buildings</i> , <b>2017</b> , 151, 548-563	7	7
288	Asynchronous periodic event-triggered consensus for multi-agent systems. <i>Automatica</i> , <b>2017</b> , 84, 214-220	5.7	57
287	Comparing occupancy models and data mining approaches for regular occupancy prediction in commercial buildings. <i>Journal of Building Performance Simulation</i> , <b>2017</b> , 10, 545-553	2.8	16
286	Energy efficiency improvement with k-means approach to thermal comfort for ACMV systems of smart buildings <b>2017</b> ,		1
285	A dual splitting algorithm for distributed resource allocation problems <b>2017</b> ,		1
284	Performance characterization of the membrane-based energy recovery system. <i>Procedia Engineering</i> , <b>2017</b> , 214, 50-58		3
283	Development of a novel strategy of CFD-based model predictive control. <i>Procedia Engineering</i> , <b>2017</b> , 214, 69-75		1
282	Communication-computation tradeoff in distributed consensus optimization for MPC-based coordinated control under wireless communications. <i>Journal of the Franklin Institute</i> , <b>2017</b> , 354, 3654-3677	4	2
281	A distributed simultaneous perturbation approach for large-scale dynamic optimization problems. <i>Automatica</i> , <b>2016</b> , 72, 194-204	5.7	10
280	Reset control for multi-agent systems <b>2016</b> ,		2
279	Consensus of homogeneous multi-agent systems via output-feedback protocols without controller interaction: A unified robust control view <b>2016</b> ,		4
278	A fusion framework for occupancy estimation in office buildings based on environmental sensor data. <i>Energy and Buildings</i> , <b>2016</b> , 133, 790-798	7	52
277	Sensor Placement by Maximal Projection on Minimum Eigenspace for Linear Inverse Problems. <i>IEEE Transactions on Signal Processing</i> , <b>2016</b> , 64, 5595-5610	4.8	37
276	Smartphone Inertial Sensor-Based Indoor Localization and Tracking With iBeacon Corrections. <i>IEEE Transactions on Industrial Informatics</i> , <b>2016</b> , 12, 1540-1549	11.9	121
275	. <i>IEEE Transactions on Signal Processing</i> , <b>2016</b> , 64, 742-756	4.8	10
274	Sensor and CFD data fusion for airflow field estimation. <i>Applied Thermal Engineering</i> , <b>2016</b> , 92, 149-161	5.8	10

273	Networked LQG control over lossy channels with computational/packet-transmission delays and coarsely quantised packets. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 1330-1341	2.3	3
272	On assuming Mean Radiant Temperature equal to air temperature during PMV-based thermal comfort study in air-conditioned buildings <b>2016</b> ,		13
271	Communication protocol design in event-triggered control of multi-agent systems <b>2016</b> ,		1
270	ROM: A Robust Online Multi-task Learning Approach <b>2016</b> ,		3
269	Distributed event driven optimization for network utility maximization <b>2016</b> ,		2
268	A forward-backward Bregman splitting scheme for regularized distributed optimization problems <b>2016</b> ,		3
267	Indoor occupancy estimation from carbon dioxide concentration. <i>Energy and Buildings</i> , <b>2016</b> , 131, 132-141		108
266	Reset control of multi-agent systems with double integrator dynamics <b>2016</b> ,		1
265	Fusion of WiFi, smartphone sensors and landmarks using the Kalman filter for indoor localization. <i>Sensors</i> , <b>2015</b> , 15, 715-32	3.8	249
264	Decoupled current control and sensor fault detection with second-order sliding mode for induction motor. <i>IET Control Theory and Applications</i> , <b>2015</b> , 9, 608-617	2.5	29
263	Using unlabeled acoustic data with locality-constrained linear coding for energy-related activity recognition in buildings <b>2015</b> ,		2
262	Distributed Parameter Estimation With Quantized Communication via Running Average. <i>IEEE Transactions on Signal Processing</i> , <b>2015</b> , 63, 4634-4646	4.8	16
261	Indoor localization using smartphone sensors and iBeacons <b>2015</b> ,		28
260	Stabilizing model predictive control using parameter-dependent dynamic policy for nonlinear systems modeled with neural networks. <i>Journal of Process Control</i> , <b>2015</b> , 36, 11-21	3.9	9
259	Stacked Extreme Learning Machines. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 2013-25	10.2	85
258	Contrast enhancement using Mie spectra representation for spectroscopic optical coherence tomography. <i>Optics Communications</i> , <b>2015</b> , 338, 328-335	2	2
257	Augmented distributed gradient methods for multi-agent optimization under uncoordinated constant stepsizes <b>2015</b> ,		110
256	Modeling regular occupancy in commercial buildings using stochastic models. <i>Energy and Buildings</i> , <b>2015</b> , 103, 216-223	7	57

255	Averaging based distributed estimation algorithm for rate-constrained sensor networks with additive quantization model <b>2015</b> ,		1
254	Periodic event-triggered average consensus over directed graphs <b>2015</b> ,		16
253	Compressed representation learning for fluid field reconstruction from sparse sensor observations <b>2015</b> ,		1
252	Real-time occupancy estimation using environmental parameters <b>2015</b> ,		20
251	Physical field estimation from CFD database and sparse sensor observations <b>2015</b> ,		4
250	Averaging based distributed estimation algorithm for sensor networks with quantized and directed communication <b>2015</b> ,		3
249	Smartphone-based Human Activity Recognition in buildings using Locality-constrained Linear Coding <b>2015</b> ,		6
248	Integrated analysis of CFD data with K-means clustering algorithm and extreme learning machine for localized HVAC control. <i>Applied Thermal Engineering</i> , <b>2015</b> , 76, 98-104	5.8	27
247	Robust $\mathcal{H}_{\infty}$ Receding Horizon Control for a Class of Coordinated Control Problems Involving Dynamically Decoupled Subsystems. <i>IEEE Transactions on Automatic Control</i> , <b>2014</b> , 59, 134-149	5.9	7
246	Higher-order sliding mode observer for estimation of tyre friction in ground vehicles. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 399-408	2.5	43
245	Blind Channel and Source Estimation in Networked Systems. <i>IEEE Transactions on Signal Processing</i> , <b>2014</b> , 62, 4611-4626	4.8	15
244	Constraint-softening in model predictive control with off-line-optimized admissible sets for systems with additive and multiplicative disturbances. <i>Systems and Control Letters</i> , <b>2014</b> , 69, 65-72	2.4	6
243	High-gain observer with sliding mode for nonlinear state estimation and fault reconstruction. <i>Journal of the Franklin Institute</i> , <b>2014</b> , 351, 1995-2014	4	51
242	High-gain observer with higher order sliding mode for state and unknown disturbance estimations. <i>International Journal of Robust and Nonlinear Control</i> , <b>2014</b> , 24, 2136-2151	3.6	20
241	Higher-Order Sliding Mode Observer for Speed and Position Estimation in PMSM. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-12	1.1	8
240	Modeling building occupancy using a novel inhomogeneous Markov chain approach <b>2014</b> ,		5
239	Networked LQG control over unreliable channels. <i>International Journal of Robust and Nonlinear Control</i> , <b>2013</b> , 23, 167-189	3.6	24
238	An adaptive spatial information-theoretic fuzzy clustering algorithm for image segmentation. <i>Computer Vision and Image Understanding</i> , <b>2013</b> , 117, 1412-1420	4.3	74

237	An extreme learning machine approach for speaker recognition. <i>Neural Computing and Applications</i> , <b>2013</b> , 22, 417-425	4.8	41
236	Distributed Extremum Seeking Control of networked large-scale systems under constraints <b>2013</b> ,		1
235	Reflection-based near-field ellipsometry for thin film characterization. <i>Ultramicroscopy</i> , <b>2013</b> , 124, 26-34	3.1	5
234	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2013</b> , 60, 5539-5549	8.9	16
233	Spectral effects of dual wavelength low coherence light source in white light interferometry. <i>Optics and Lasers in Engineering</i> , <b>2013</b> , 51, 651-655	4.6	6
232	Dynamic extreme learning machine and its approximation capability. <i>IEEE Transactions on Cybernetics</i> , <b>2013</b> , 43, 2054-65	10.2	50
231	Harnessing spectral property of dual wavelength white LED to improve vertical scanning interferometry. <i>Applied Optics</i> , <b>2013</b> , 52, 4652-62	1.7	6
230	Soft-constrained model predictive control based on off-line-computed feasible sets <b>2013</b> ,		1
229	Set-based model predictive consensus under bounded additive disturbances <b>2013</b> ,		1
228	Optimized Dynamic Policy for Receding Horizon Control of Linear Time-Varying Systems With Bounded Disturbances. <i>IEEE Transactions on Automatic Control</i> , <b>2012</b> , 57, 973-988	5.9	37
227	Autocorrelation noise removal for optical coherence tomography by sparse filter design. <i>Journal of Biomedical Optics</i> , <b>2012</b> , 17, 076029	3.5	4
226	Second harmonic generation at the probe tip for background-free near-field optical imaging. <i>Optics Express</i> , <b>2012</b> , 20, 19431-48	3.3	1
225	Linear set-membership state estimation with unknown but bounded disturbances. <i>International Journal of Systems Science</i> , <b>2012</b> , 43, 715-730	2.3	4
224	Electrostatic calibration method for large-amplitude dynamic Casimir force measurements. <i>Physical Review A</i> , <b>2012</b> , 86,	2.6	1
223	Credit risk evaluation with extreme learning machine <b>2012</b> ,		7
222	Extreme Learning Machine with Adaptive Growth of Hidden Nodes and Incremental Updating of Output Weights. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 253-262	0.9	6
221	Optical coherence tomography by using frequency measurements in wavelength domain. <i>Optics Express</i> , <b>2011</b> , 19, 1324-34	3.3	9
220	Analysis and improvement of Laguerre-Gaussian beam position estimation using quadrant detectors. <i>Optics Letters</i> , <b>2011</b> , 36, 1692-4	3	23

219	Filtering for networked control systems with single/multiple measurement packets subject to multiple-step measurement delays and multiple packet dropouts. <i>International Journal of Systems Science</i> , <b>2011</b> , 42, 335-348	2.3	26
218	Parameter estimation in dynamic Casimir force measurements with known periodicity. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2011</b> , 376, 109-113	2.3	1
217	Fault reconstruction and state estimation with sliding mode observers for Lipschitz non-linear systems. <i>IET Control Theory and Applications</i> , <b>2011</b> , 5, 1255-1263	2.5	42
216	The effect of spot size on linearity improvement of tetra-lateral position sensitive detector. <i>Optical and Quantum Electronics</i> , <b>2011</b> , 42, 721-728	2.4	7
215	Multiple sliding mode observers and unknown input estimations for Lipschitz nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2011</b> , 21, 1322-1340	3.6	23
214	High resolution optical coherence tomography by $\ell_1$ -optimization. <i>Optics Communications</i> , <b>2011</b> , 284, 1752-1759	2	3
213	Separation Gap Estimation in Dynamic Systems Actuated by Casimir Force. <i>Advanced Materials Research</i> , <b>2011</b> , 254, 21-24	0.5	
212	Shear-force atomic force microscope by using the second resonance regime of tuning fork probe. <i>Applied Physics Letters</i> , <b>2010</b> , 97, 193108	3.4	1
211	Improved measurement accuracy of the quadrant detector through improvement of linearity index. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 081102	3.4	31
210	Robust curve clustering based on a multivariate t-distribution model. <i>IEEE Transactions on Neural Networks</i> , <b>2010</b> , 21, 1976-84		3
209	Near-field ellipsometry for thin film characterization. <i>Optics Express</i> , <b>2010</b> , 18, 3298-310	3.3	15
208	Artifact removal by intrinsic harmonics of tuning fork probe for scanning near-field optical microscopy. <i>Optics Express</i> , <b>2010</b> , 18, 22047-60	3.3	5
207	Adaptive Kalman Filtering in Networked Systems With Random Sensor Delays, Multiple Packet Dropouts and Missing Measurements. <i>IEEE Transactions on Signal Processing</i> , <b>2010</b> , 58, 1577-1588	4.8	124
206	A reconfigurable optofluidic Michelson interferometer using tunable droplet grating. <i>Lab on A Chip</i> , <b>2010</b> , 10, 1072-8	7.2	45
205	An Accurate Separation Estimation Algorithm for the Casimir Oscillator. <i>Journal of Microelectromechanical Systems</i> , <b>2010</b> , 19, 1153-1161	2.5	17
204	Convergent conductivity corrections to the Casimir force via exponential basis functions. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	6
203	Optimal and suboptimal minimum-variance filtering in networked systems with mixed uncertainties of random sensor delays, packet dropouts and missing measurements. <i>International Journal of Control, Automation and Systems</i> , <b>2010</b> , 8, 1179-1188	2.9	15
202	Linearity Indices and Linearity Improvement of 2-D Tetralateral Position-Sensitive Detector. <i>IEEE Transactions on Electron Devices</i> , <b>2010</b> , 57, 2310-2316	2.9	43



201	Open Cirrus: A Global Cloud Computing Testbed. <i>Computer</i> , <b>2010</b> , 43, 35-43	1.6	95
200	Constructive hidden nodes selection of extreme learning machine for regression. <i>Neurocomputing</i> , <b>2010</b> , 73, 3191-3199	5.4	103
199	Two-stage extreme learning machine for regression. <i>Neurocomputing</i> , <b>2010</b> , 73, 3028-3038	5.4	73
198	An information-theoretic fuzzy C-spherical shells clustering algorithm. <i>Fuzzy Sets and Systems</i> , <b>2010</b> , 161, 1755-1773	3.7	8
197	A novel probe-sample separation estimation scheme for atomic force microscopy. <i>Ultramicroscopy</i> , <b>2010</b> , 110, 622-5	3.1	
196	Optimal Kalman filtering with random sensor delays, packet dropouts and missing measurements <b>2009</b> ,		21
195	Model predictive control of linear time-varying systems with bounded disturbances using a dynamic terminal policy <b>2009</b> ,		1
194	PARTIAL STATE IMPULSIVE SYNCHRONIZATION OF A CLASS OF NONLINEAR SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2009</b> , 19, 387-393	2	10
193	Reliable decentralized stabilization with performance. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , <b>2009</b> , 223, 567-573	1	
192	Ensemble of online sequential extreme learning machine. <i>Neurocomputing</i> , <b>2009</b> , 72, 3391-3395	5.4	252
191	. <i>IEEE Transactions on Communications</i> , <b>2009</b> , 57, 141-149	6.9	1
190	Adaptive spatial information-theoretic clustering for image segmentation. <i>Pattern Recognition</i> , <b>2009</b> , 42, 2029-2044	7.7	43
189	Reduced-order impulsive control for a class of nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2009</b> , 20, n/a-n/a	3.6	1
188	An improved dynamic model of tuning fork probe for scanning probe microscopy. <i>Journal of Microscopy</i> , <b>2009</b> , 234, 191-5	1.9	5
187	Improve performance of scanning probe microscopy by balancing tuning fork prongs. <i>Ultramicroscopy</i> , <b>2009</b> , 109, 291-5	3.1	18
186	A robust extended Elman backpropagation algorithm <b>2009</b> ,		2
185	A constructive enhancement for Online Sequential Extreme Learning Machine <b>2009</b> ,		3
184	Discrete-Time Sliding-Mode State and Unknown Input Estimations for Nonlinear Systems. <i>IEEE Transactions on Industrial Electronics</i> , <b>2009</b> , 56, 3443-3452	8.9	27

183	High-Gain Observers With Sliding Mode for State and Unknown Input Estimations. <i>IEEE Transactions on Industrial Electronics</i> , <b>2009</b> , 56, 3386-3393	8.9	59
182	A New Approach To Optimal and Self-Tuning Filtering, Smoothing and Prediction For Discrete-Time Systems. <i>Asian Journal of Control</i> , <b>2008</b> , 3, 234-239	1.7	
181	Reliable State Feedback Control Synthesis For Uncertain Linear Systems. <i>Asian Journal of Control</i> , <b>2008</b> , 5, 301-308	1.7	8
180	Region-of-Interest Based Resource Allocation for Conversational Video Communication of H.264/AVC. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2008</b> , 18, 134-139	6.4	109
179	An on-chip liquid tunable grating using multiphase droplet microfluidics. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 164107	3.4	27
178	Robust adaptive gradient-descent training algorithm for recurrent neural networks in discrete time domain. <i>IEEE Transactions on Neural Networks</i> , <b>2008</b> , 19, 1841-53		55
177	Robust predictive control of satellite formations <b>2008</b> ,		5
176	Extreme Learning Machine based bacterial protein subcellular localization prediction <b>2008</b> ,		3
175	Rate Control of H.264/AVC Scalable Extension. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2008</b> , 18, 116-121	6.4	35
174	Robust neural network tracking controller using simultaneous perturbation stochastic approximation. <i>IEEE Transactions on Neural Networks</i> , <b>2008</b> , 19, 817-35		36
173	Performance improvement and wavelength reuse in millimeter-wave radio-over-fiber links incorporating all-fiber optical interleaver. <i>Optics Communications</i> , <b>2008</b> , 281, 2572-2581	2	8
172	Improved robust backstepping adaptive control for nonlinear discrete-time systems without overparameterization. <i>Automatica</i> , <b>2008</b> , 44, 864-867	5.7	22
171	Robust Kalman filtering for uncertain discrete-time systems with probabilistic parameters bounded within a polytope. <i>Systems and Control Letters</i> , <b>2008</b> , 57, 482-488	2.4	7
170	Optimal linear estimation for systems with multiple packet dropouts. <i>Automatica</i> , <b>2008</b> , 44, 1333-1342	5.7	212
169	Improved Adaptive Spatial Information Clustering for Image Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 308-317	0.9	
168	MRF: A Framework for Source and Destination Based Bandwidth Differentiation Service. <i>IEEE/ACM Transactions on Networking</i> , <b>2007</b> , 15, 697-708	3.8	5
167	Robust discrete-time nonlinear sliding mode state estimation of uncertain nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2007</b> , 17, 803-828	3.6	32
166	Monotonicity of Likelihood Ratio of MAP Correlation Detection for OCDMA Communication. <i>IEEE Transactions on Communications</i> , <b>2007</b> , 55, 1288-1295	6.9	

165	Gaussian-like spectra equalization with linear-phase lattice filters. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2007</b> , 24, 615	1.7	1
164	Design and analysis of dynamic erbium-doped fiber amplifier gain-clamping systems with feedback control. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2007</b> , 24, 1739	1.7	3
163	Robust observer with sliding mode estimation for nonlinear uncertain systems. <i>IET Control Theory and Applications</i> , <b>2007</b> , 1, 1533-1540	2.5	48
162	A Novel Rate Control Scheme for Low Delay Video Communication of H.264/AVC Standard. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2007</b> , 17, 68-78	6.4	144
161	SYNCHRONIZATION OF CHAOTIC SYSTEMS WITH PARAMETRIC UNCERTAINTY AND MISMATCH. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2006</b> , 16, 1445-1459	2	5
160	Design of linear-phase two-port optical interleavers using lattice architectures. <i>Optics Letters</i> , <b>2006</b> , 31, 2411-3	3	4
159	Design of tunable composite spectrums using all-fiber acoustooptical filters subject to strain control. <i>Journal of Lightwave Technology</i> , <b>2006</b> , 24, 1855-1864	4	4
158	Equalization of Gaussian-Like Spectra via Optical Lattice Filters With Symmetric-Feedback Structure. <i>Journal of Lightwave Technology</i> , <b>2006</b> , 24, 5103-5110	4	1
157	All-fiber spectrum equalization filter with a reflection structure. <i>Optical Engineering</i> , <b>2006</b> , 45, 070502	1.1	2
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8	MRI brain image segmentation by adaptive spatial deterministic annealing clustering		1
7	An integrated nonlinear observer with sliding mode estimation for a class of nonlinear uncertain systems		6
6	Stability analysis of a class of multidimensional systems		1
5	Convergence analysis of iterative learning control with uncertain initial conditions		4
4	Robust Kalman filter design		16

3	A unified approach to linear estimation for discrete-time systems. I. $H^2$ estimation	5
2	Optimal recursive state estimation for singular stochastic discrete-time systems	1
1		3