

Yu-Hen Hu

List of Publications by Year in descending order

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233
papers

3,743
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218381

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242
times ranked

3147
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Scheduling of Transient Control Under Energy Storage Systems by Sparse-Promoting Reinforcement Learning. IEEE Transactions on Industrial Informatics, 2022, 18, 744-756.	7.2	24
2	Invertible encryption network for optical image cryptosystem. Optics and Lasers in Engineering, 2022, 149, 106784.	2.0	9
3	Deep residual networks-based intelligent fault diagnosis method of planetary gearboxes in cloud environments. Simulation Modelling Practice and Theory, 2022, 116, 102469.	2.2	17
4	Convex Neural Networks Based Reinforcement Learning for Load Frequency Control under Denial of Service Attacks. Algorithms, 2022, 15, 34.	1.2	3
5	Towards Real-time 3D Visualization with Multiview RGB Camera Array. Journal of Signal Processing Systems, 2022, 94, 329-343.	1.4	3
6	Semi-Supervised anchor graph ensemble for large-scale hyperspectral image classification. International Journal of Remote Sensing, 2022, 43, 1894-1918.	1.3	4
7	A two-level scheme for multiobjective multidebris active removal mission planning in low Earth orbits. Science China Information Sciences, 2022, 65, 1.	2.7	3
8	Video-Based Automatic Wrist Flexion and Extension Classification. IEEE Transactions on Human-Machine Systems, 2022, 52, 824-832.	2.5	0
9	Time- and Frequency-Interleaving: Distinctions and Connections. IEEE Transactions on Signal Processing, 2021, 69, 2555-2568.	3.2	7
10	Low-noise and fast three-dimensional information encryption based on the double-phase method. Optical Review, 2021, 28, 190-198.	1.2	1
11	Speckle Suppression Using Cylindrical Self-Diffraction for Cylindrical Phase-Only Hologram. IEEE Photonics Journal, 2021, 13, 1-11.	1.0	7
12	Multi-residual Connection Network for Edge Detection. Neural Processing Letters, 2021, 53, 2165-2174.	2.0	1
13	Multi-Image Encryption Based on Compressed Sensing and Deep Learning in Optical Gyration Domain. IEEE Photonics Journal, 2021, 13, 1-16.	1.0	17
14	Power system structure optimization based on reinforcement learning and sparse constraints under DoS attacks in cloud environments. Simulation Modelling Practice and Theory, 2021, 110, 102272.	2.2	11
15	Load Asymmetry Angle Estimation Using Multiple-View Videos. IEEE Transactions on Human-Machine Systems, 2021, 51, 734-739.	2.5	3
16	Cross-Layer Network Lifetime Maximization in Underwater Wireless Sensor Networks. IEEE Systems Journal, 2020, 14, 220-231.	2.9	33
17	Temporal Frame Sub-Sampling for Video Object Tracking. Journal of Signal Processing Systems, 2020, 92, 569-581.	1.4	1
18	A Reinforcement Learning Scheme for Active Multi-Debris Removal Mission Planning With Modified Upper Confidence Bound Tree Search. IEEE Access, 2020, 8, 108461-108473.	2.6	6

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19	Effective object proposals: size prediction for pedestrian detection in surveillance videos. Electronics Letters, 2020, 56, 706-709.	0.5	2
20	Resolution Adaptative Network for Cryptanalysis of Asymmetric Cryptosystems. IEEE Access, 2020, 8, 187419-187430.	2.6	1
21	An Adaptive Blind Cyclic Calibration Technique for Two-Channel Frequency-Interleaved ADCs. , 2020, , .		2
22	Generation of Phase-Only Fourier Hologram Based on Double Phase Method and Quantization Error Analysis. IEEE Photonics Journal, 2020, 12, 1-13.	1.0	16
23	CHaPR: Efficient Inference of CNNs via Channel Pruning. , 2020, , .		3
24	Network-Cognitive Traffic Control: A Fluidity-Aware On-Chip Communication. Electronics (Switzerland), 2020, 9, 1667.	1.8	2
25	Towards Real-Time, Multi-View Video Stereopsis. , 2020, , .		3
26	Large-Field-of-View Visualization with Small Blind Spots Utilizing Tilted Micro-Camera Array for Laparoscopic Surgery. Micromachines, 2020, 11, 488.	1.4	8
27	Efficient Proposals: Scale Estimation for Object Proposals in Pedestrian Detection Tasks. IEEE Signal Processing Letters, 2020, 27, 855-859.	2.1	2
28	Frequency-Interleaved ADCs With Adaptive Blind Cyclic Calibration. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9427-9440.	2.4	7
29	PACE: Physically-Assisted Channel Estimation. IEEE Transactions on Wireless Communications, 2020, 19, 3769-3781.	6.1	2
30	Novel fully convolutional network for cryptanalysis of cryptosystem by equal modulus decomposition. Laser Physics Letters, 2020, 17, 095201.	0.6	3
31	Digital Estimation and Compensation of Analog Errors in Frequency-Interleaved ADCs. Journal of Circuits, Systems and Computers, 2019, 28, 1950134.	1.0	6
32	Predicting Sagittal Plane Lifting Postures From Image Bounding Box Dimensions. Human Factors, 2019, 61, 64-77.	2.1	12
33	On the Application of Reinforcement Learning in Multi-debris Active Removal Mission Planning. , 2019, , .		3
34	Video Salient Object Detection via Robust Seeds Extraction and Multi-graphs Manifold Propagation. IEEE Transactions on Circuits and Systems for Video Technology, 2019, , 1-1.	5.6	8
35	Digital Iterative Harmonic Rejection and Image Cancellation for LPF-Less Frequency-Interleaved Analog-to-Digital Converters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 2072-2076.	2.2	12
36	Learn to Detect: Improving the Accuracy of Earthquake Detection. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8867-8878.	2.7	17

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37	RailNet: A Segmentation Network for Railroad Detection. IEEE Access, 2019, 7, 143772-143779.	2.6	33
38	Asymmetric Cryptosystem Using Improved Equal Modulus Decomposition in Cylindrical Diffraction Domain. IEEE Access, 2019, 7, 66234-66241.	2.6	10
39	A Sparse Neural Network Based Control Structure Optimization Game under DoS Attacks for DES Frequency Regulation of Power Grid. Applied Sciences (Switzerland), 2019, 9, 2217.	1.3	8
40	Video Saliency Detection via Graph Clustering With Motion Energy and Spatiotemporal Objectness. IEEE Transactions on Multimedia, 2019, 21, 2790-2805.	5.2	31
41	Multi-View Image Denoising Using Convolutional Neural Network. Sensors, 2019, 19, 2597.	2.1	8
42	A Color Image Encryption Using Dynamic DNA and 4-D Memristive Hyper-Chaos. IEEE Access, 2019, 7, 78367-78378.	2.6	66
43	The accuracy of a 2D video-based lifting monitor. Ergonomics, 2019, 62, 1043-1054.	1.1	11
44	An integrated critic-actor neural network for reinforcement learning with application of DERs control in grid frequency regulation. International Journal of Electrical Power and Energy Systems, 2019, 111, 286-299.	3.3	28
45	A Privacy-Preserving Distributed Smart Metering Temporal and Spatial Aggregation Scheme. IEEE Access, 2019, 7, 28372-28382.	2.6	19
46	Adaptive visual target tracking algorithm based on classified-patch kernel particle filter. Eurasip Journal on Image and Video Processing, 2019, 2019, .	1.7	8
47	Analysis and Correction of Combined Channel Mismatch Effects in Frequency-Interleaved ADCs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 655-668.	3.5	28
48	Exploring energy and accuracy tradeoff in structure simplification of trained deep neural networks. , 2018, , .		4
49	Quantized Kalman Filter Tracking in Directional Sensor Networks. IEEE Transactions on Mobile Computing, 2018, 17, 871-883.	3.9	21
50	Phase-retrieval attack free cryptosystem based on cylindrical asymmetric diffraction and double-random phase encoding. Optics Communications, 2018, 410, 468-474.	1.0	14
51	NTIRE 2018 Challenge on Single Image Super-Resolution: Methods and Results. , 2018, , .		166
52	Large-Field-of-View Visualization Utilizing Multiple Miniaturized Cameras for Laparoscopic Surgery. Micromachines, 2018, 9, 431.	1.4	15
53	Optimal Camera Pose and Placement Configuration for Maximum Field-of-View Video Stitching. Sensors, 2018, 18, 2284.	2.1	8
54	Asymmetric Color Image Cryptosystem Using Detour Cylindrical-Diffraction and Phase Reservation & Truncation. IEEE Access, 2018, 6, 53976-53983.	2.6	7

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55	Adaptive Visual Target Tracking Based on Label Consistent K-Svd Sparse Coding and Kernel Particle Filter. , 2018, , .		1
56	Frame-Subsampled, Drift-Resilient Video Object Tracking. , 2018, , .		3
57	Cross-Layer Design for Network Lifetime Maximization in Underwater Wireless Sensor Networks. , 2018, , .		8
58	Image Encryption Using Compressive Sensing and Detour Cylindrical Diffraction. IEEE Photonics Journal, 2018, 10, 1-14.	1.0	15
59	A maximal-reward preliminary planning for multi-debris active removal mission in LEO with a greedy heuristic method. Acta Astronautica, 2018, 149, 123-142.	1.7	17
60	A simplified frequency-interleaved ADC with integrated mismatch compensation. , 2018, , .		6
61	Unified and accurate diffraction calculation between two concentric cylindrical surfaces. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, A45.	0.8	18
62	Exploring Energy and Accuracy Tradeoff in Structure Simplification of Trained Deep Neural Networks. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2018, 8, 836-848.	2.7	13
63	Multiple view image denoising using 3D focus image stacks. Computer Vision and Image Understanding, 2018, 171, 34-47.	3.0	2
64	Sparse Signal Aloha: A Compressive Sensing-Based Method for Uncoordinated Multiple Access. IEEE Communications Letters, 2017, 21, 1301-1304.	2.5	11
65	Random Triggering-Based Sub-Nyquist Sampling System for Sparse Multiband Signal. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 1789-1797.	2.4	102
66	Passive source localization from array covariance matrices via joint sparse representations. Neurocomputing, 2017, 270, 82-90.	3.5	7
67	Patch-based multiple view image denoising with occlusion handling. , 2017, , .		0
68	Visualizing stressful aspects of repetitive motion tasks and opportunities for ergonomic improvements using computer vision. Applied Ergonomics, 2017, 65, 461-472.	1.7	17
69	Fast diffraction calculation of cylindrical computer generated hologram based on outside-in propagation model. Optics Communications, 2017, 403, 296-303.	1.0	19
70	Measuring exertion time, duty cycle and hand activity level for industrial tasks using computer vision. Ergonomics, 2017, 60, 1730-1738.	1.1	10
71	Scale-free topology optimization for software-defined wireless sensor networks: A cyber-physical system. International Journal of Distributed Sensor Networks, 2017, 13, 155014771771362.	1.3	8
72	Parallax Mitigation for Real-Time Close Field Video Stitching. , 2017, , .		2

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73	Frequency Regulation of Power Systems with Self-Triggered Control under the Consideration of Communication Costs. Applied Sciences (Switzerland), 2017, 7, 688.	1.3	18
74	Approach to simultaneously denoise and invert backscatter and extinction from photon-limited atmospheric lidar observations. Applied Optics, 2016, 55, 8316.	2.1	24
75	A New Approach to Inverting and De-Noising Backscatter from Lidar Observations. EPJ Web of Conferences, 2016, 119, 25004.	0.1	0
76	Wireless Sensor Array Network DoA Estimation from Compressed Array Data via Joint Sparse Representation. Sensors, 2016, 16, 686.	2.1	6
77	Cardinalised probability hypothesis density tracking algorithm for extended objects with glint noise. IET Science, Measurement and Technology, 2016, 10, 528-536.	0.9	11
78	Estimation of low-altitude moving target trajectory using single acoustic array. Journal of the Acoustical Society of America, 2016, 139, 1848-1858.	0.5	21
79	On the Implementation of Compressive Sensing on Wireless Sensor Network. , 2016, , .		9
80	Atmospheric lidar imaging and poisson inverse problems. , 2016, , .		0
81	Evaluation of Simulated Clinical Breast Exam Motion Patterns Using Marker-Less Video Tracking. Human Factors, 2016, 58, 427-440.	2.1	10
82	DOA Estimation From One-Bit Compressed Array Data via Joint Sparse Representation. IEEE Signal Processing Letters, 2016, 23, 1279-1283.	2.1	53
83	A direct method for power system corrective control to relieve current violation in transient with UPFCs by barrier functions. International Journal of Electrical Power and Energy Systems, 2016, 78, 626-636.	3.3	8
84	Measuring elemental time and duty cycle using automated video processing. Ergonomics, 2016, 59, 1514-1525.	1.1	13
85	A BiNoC architecture-aware task allocation and communication scheduling scheme. Microprocessors and Microsystems, 2016, 42, 215-226.	1.8	0
86	A novel flow fluidity meter for BiNoC bandwidth resource allocation. , 2015, , .		1
87	Efficient Sparse Signal Transmission over a Lossy Link Using Compressive Sensing. Sensors, 2015, 15, 19880-19911.	2.1	11
88	Piecewise planar super-resolution for 3D scene. , 2015, , .		0
89	Iterative-Mapping PHD filter for extended targets tracking. , 2015, , .		0
90	Multiple view image denoising using 3D focus image stacks. , 2015, , .		3

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91	Face de-identification using facial identity preserving features. , 2015, , .		12
92	L-infinity event-triggered networked control under time-varying communication delay with communication cost reduction. Journal of the Franklin Institute, 2015, 352, 4776-4800.	1.9	14
93	UPFCs control design for avoiding generator trip of electric power grid with barrier function. International Journal of Electrical Power and Energy Systems, 2015, 68, 150-158.	3.3	6
94	Transverse beam stability measurement and analysis for the SNS accumulator ring. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 788, 161-167.	0.7	1
95	Generalized Iterated Kalman Filter and its Performance Evaluation. IEEE Transactions on Signal Processing, 2015, 63, 3204-3217.	3.2	44
96	The accuracy of conventional 2D video for quantifying upper limb kinematics in repetitive motion occupational tasks. Ergonomics, 2015, 58, 2057-2066.	1.1	10
97	A hand speed "duty cycle equation for estimating the ACGIH hand activity level rating. Ergonomics, 2015, 58, 184-194.	1.1	15
98	Energy-Efficient Monitoring in Software Defined Wireless Sensor Networks Using Reinforcement Learning: A Prototype. International Journal of Distributed Sensor Networks, 2015, 2015, 1-12.	1.3	49
99	Evaluation of hands-on clinical exam performance using marker-less video tracking. Proceedings of the Human Factors and Ergonomics Society, 2014, 58, 793-797.	0.2	4
100	Multicamera Laparoscopic Imaging With Tunable Focusing Capability. Journal of Microelectromechanical Systems, 2014, 23, 1290-1299.	1.7	11
101	Real-time X-ray radiography for defect detection in submerged arc welding and segmentation using sparse signal representation. Insight: Non-Destructive Testing and Condition Monitoring, 2014, 56, 299-307.	0.3	5
102	CS-Based Framework for Sparse Signal Transmission over Lossy Link. , 2014, , .		4
103	Calculation of Diffraction Patterns on inside Cylindrical Surface. Applied Mechanics and Materials, 2014, 533, 260-263.	0.2	0
104	Evaluation of wireless sensor networks (WSNs) for remote wetland monitoring: design and initial results. Environmental Monitoring and Assessment, 2014, 186, 919-934.	1.3	22
105	Source Localization and Tracking. Academic Press Library in Signal Processing, 2014, 3, 799-817.	0.8	0
106	Energy-Balanced Scheduling for Target Tracking in Wireless Sensor Networks. ACM Transactions on Sensor Networks, 2014, 11, 1-29.	2.3	21
107	Facial image de-identification using identity subspace decomposition. , 2014, , .		2
108	Tensor product and perfect shuffling for bit matrix transpose: Bit-interleaver for SDR DVB-T2. , 2014, , .		0

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109	Topology evolution model for wireless multi-hop network based on socially inspired mechanism. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 416, 639-650.	1.2	5
110	Generalised Kalman filter tracking with multiplicative measurement noise in a wireless sensor network. <i>IET Signal Processing</i> , 2014, 8, 467-474.	0.9	34
111	A motion tracking system for hand activity assessment. , 2014, , .		8
112	A prefetching scheme for Automatic Repeat-reQuest fault-tolerant on-chip network. , 2014, , .		0
113	A fast method of calculating diffraction patterns on inside cylindrical surface. , 2014, , .		0
114	Non-minimal, turn-model based NoC routing. <i>Microprocessors and Microsystems</i> , 2013, 37, 899-914.	1.8	9
115	Feature extraction in developing an airs cloud mask. , 2013, , .		0
116	Novel time-multiplexing bidirectional on-chip network. , 2013, , .		1
117	Data centric multi-shift sensor scheduling for wireless sensor networks. , 2013, , .		2
118	Direct Localization of Multiple Sources in Sensor Array Networks: A Joint Sparse Representation of Array Covariance Matrices Approach. , 2013, , .		3
119	A Direct Wideband Direction of Arrival Estimation under Compressive Sensing. , 2013, , .		3
120	How many wireless resources are needed to resolve the hidden terminal problem?. <i>Computer Networks</i> , 2013, 57, 3987-3996.	3.2	5
121	A unified link-layer fault-tolerant architecture for network-based many-core embedded systems. <i>Journal of Systems Architecture</i> , 2013, 59, 492-504.	2.5	1
122	Cycle-Efficient LFSR Implementation on Word-Based Microarchitecture. <i>IEEE Transactions on Computers</i> , 2013, 62, 832-838.	2.4	3
123	Automated Video Exposure Assessment of Repetitive Hand Activity Level for a Load Transfer Task. <i>Human Factors</i> , 2013, 55, 298-308.	2.1	28
124	A decade of seasonal dynamics and co-occurrences within freshwater bacterioplankton communities from eutrophic Lake Mendota, WI, USA. <i>ISME Journal</i> , 2013, 7, 680-684.	4.4	156
125	Cycle efficient bit rate matching for LTE-a with insructions support. , 2013, , .		1
126	Coscor framework for DoA estimation on wireless array sensor network. , 2013, , .		6

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127	Target tracking with distance-dependent measurement noise in wireless sensor networks. , 2013, , .		7
128	Bit matrix transpose with tensor product and perfect shuffling. , 2013, , .		2
129	Energy Balanced Scheduling for Target Tracking with Distance-Dependent Measurement Noise in a WSN. International Journal of Distributed Sensor Networks, 2013, 9, 179623.	1.3	3
130	Cycle-efficient lineary feedback shift register implementation on word-based micro-architecture. , 2012, , .		0
131	Networks on Chips: Structure and Design Methodologies. Journal of Electrical and Computer Engineering, 2012, 2012, 1-15.	0.6	57
132	Compressed sensing enhanced random equivalent sampling. , 2012, , .		1
133	Efficient Thermal Simulation for 3-D IC With Thermal Through-Silicon Vias. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2012, 31, 1767-1771.	1.9	15
134	Distributed, Robust Acoustic Source Localization in a Wireless Sensor Network. IEEE Transactions on Signal Processing, 2012, 60, 4350-4359.	3.2	57
135	A scalable and fault-tolerant network routing scheme for many-core and multi-chip systems. Journal of Parallel and Distributed Computing, 2012, 72, 1433-1441.	2.7	3
136	Enhanced Random Equivalent Sampling Based on Compressed Sensing. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 579-586.	2.4	52
137	Techniques for High Performance Noc Routing. , 2012, , 35-50.		0
138	A fault-tolerant NoC scheme using bidirectional channel. , 2011, , .		53
139	Optimal Layered Video IPTV Multicast Streaming Over Mobile WiMAX Systems. IEEE Transactions on Multimedia, 2011, 13, 1395-1403.	5.2	14
140	A Bidirectional NoC (BiNoC) Architecture With Dynamic Self-Reconfigurable Channel. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2011, 30, 427-440.	1.9	37
141	Intelligent cross-layer distributed data aggregation in wireless sensor networks. , 2011, , .		0
142	Optimal Detector Based on Data Fusion for Wireless Sensor Networks. , 2011, , .		4
143	Robust and Accurate Curvature Estimation Using Adaptive Line Integrals. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.0	9
144	OFDM Peak to Average Power Ratio reduction using sparse bit-plane coding. , 2010, , .		0

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145	Optimal Layered Video IPTV Multicast Streaming over IEEE 802.16e WiMAX Systems. , 2010, , .		2
146	Decentralized Robust Acoustic Source Localization with Wireless Sensor Networks for Heavy-Tail Distributed Observations. , 2010, , .		1
147	Collaborative Sampling in Wireless Sensor Networks. , 2010, , .		4
148	Cycle efficient scrambler implementation for software defined radio. , 2010, , .		5
149	Systolic Arrays. , 2010, , 817-849.		0
150	Optimal Multiple-Bit Huffman Decoding. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 621-631.	5.6	0
151	The compatibility analysis of thread migration and DVFS in multi-core processor. , 2010, , .		2
152	An integral-based curvature estimator and its application in face recognition. , 2010, , .		0
153	TM-FAR: Turn-Model based Fully Adaptive Routing for Networks on Chip. , 2010, , .		5
154	Runtime temperature-based power estimation for optimizing throughput of thermal-constrained multi-core processors. , 2010, , .		4
155	Estimating correspondence between multiple cameras using joint invariants. , 2009, , .		2
156	Weighted Source Localization in a Underwater Wireless Sensor Array Network. , 2009, , .		0
157	A novel cross-layer data aggregation approach for extreme values in wireless sensor networks. , 2009, , .		2
158	Summation invariant multi-region fusion comparison. , 2009, , .		0
159	ML Source Localization Theory in an Underwater Wireless Sensor Array Network. , 2009, , .		15
160	Robust Maximum Likelihood Acoustic Source Localization in Wireless Sensor Networks. , 2009, , .		5
161	An instruction set architecture independent design method for embedded OFDM-based software defined transmitter. , 2009, , .		2
162	BiNoC: A bidirectional NoC architecture with dynamic self-reconfigurable channel. , 2009, , .		49

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163	Adaptive nodes scheduling approach for clustered sensor networks. , 2009, , .		7
164	Performance-energy tradeoffs in reliable NoCs. , 2009, , .		2
165	Parallel implementation of convolution encoder for software defined radio on DSP architecture. , 2009, , .		5
166	Dynamic Sensor Self-Organization for Distributive Moving Target Tracking. Journal of Signal Processing Systems, 2008, 51, 161-171.	1.4	12
167	Power-Line Interference Detection and Suppression in ECG Signal Processing. IEEE Transactions on Biomedical Engineering, 2008, 55, 354-357.	2.5	95
168	Flow Maximization for NoC Routing Algorithms. , 2008, , .		3
169	Data-Coverage Sleep Scheduling in Wireless Sensor Networks. , 2008, , .		8
170	Fluidity concept for NoC: A congestion avoidance and relief routing scheme. , 2008, , .		4
171	An optimal algorithm for sizing sequential circuits for industrial library based designs. , 2008, , .		0
172	Using Data Recovery Models for Multi-shift Scheduling in Wireless Sensor Networks. , 2008, , .		1
173	Planar-projective summation invariant features for camera networks. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	0
174	Optimal Target Detection with Localized Fusion in Wireless Sensor Networks. , 2008, , .		3
175	Motion Entropy Feature and Its Applications to Event-Based Segmentation of Sports Video. Eurasip Journal on Advances in Signal Processing, 2008, 2008, .	1.0	17
176	Multiscale Integral Invariants For Facial Landmark Detection in 2.5D Data. , 2007, , .		1
177	Symbolic verification and error prediction methodology. , 2007, , .		0
178	Algorithm Transformation to Improve Data Locality for Multimedia SOC. , 2007, , .		2
179	Design of a SIMD multimedia SoC platform. , 2007, , .		2
180	Optimal Linear Combination of Facial Regions for Improving Identification Performance. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 1138-1148.	5.5	16

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181	Numerically Convex Forms and Their Application in Gate Sizing. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2007, 26, 1637-1647.	1.9	24
182	3DFFT: Thermal Analysis of Non-Homogeneous IC Using 3D FFT Green Function Method. , 2007, , .		7
183	3D Face Recognition Under Expression Variations using Similarity Metrics Fusion. , 2007, , .		16
184	Memory Access Optimization of Motion Estimation Algorithms on a Native SIMD PLX Processor. , 2006, , .		1
185	Multiple-Symbol Parallel CAVLC Decoder for H.264/AVC. , 2006, , .		26
186	Optimal Multiple-Bit Huffman Decoding. , 2006, , .		1
187	Statistical timing analysis with path reconvergence and spatial correlations. , 2006, , .		16
188	Maximum likelihood multiple-source localization using acoustic energy measurements with wireless sensor networks. IEEE Transactions on Signal Processing, 2005, 53, 44-53.	3.2	584
189	VLSI Signal Processing. , 2005, , 933-948.		0
190	Efficient VLSI implementations of fast multiplierless approximated DCT using parameterized hardware modules for silicon intellectual property design. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2005, 52, 1568-1579.	0.1	29
191	Statistical timing analysis in sequential circuit for on-chip global interconnect pipelining. , 2004, , .		22
192	Distance-Based Decision Fusion in a Distributed Wireless Sensor Network. Telecommunication Systems, 2004, 26, 339-350.	1.6	34
193	A Memory-Efficient and High-Speed Sine/Cosine Generator Based on Parallel CORDIC Rotations. IEEE Signal Processing Letters, 2004, 11, 152-155.	2.1	26
194	Processor Array Synthesis from Shift-Variant Deep Nested Do Loops. Journal of Supercomputing, 2003, 24, 229-249.	2.4	3
195	Energy-Based Collaborative Source Localization Using Acoustic Microsensor Array. Eurasip Journal on Advances in Signal Processing, 2003, 2003, 1.	1.0	187
196	Mapping deep nested do-loop DSP algorithms to large scale FPGA array structures. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2003, 11, 208-217.	2.1	7
197	Correlation-Based Web Document Clustering for Adaptive Web Interface Design. Knowledge and Information Systems, 2002, 4, 151-167.	2.1	15
198	Maximum-likelihood parameter estimation for image ringing-artifact removal. IEEE Transactions on Circuits and Systems for Video Technology, 2001, 11, 963-973.	5.6	48

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199	Frame-level pipelined motion estimation array processor. IEEE Transactions on Circuits and Systems for Video Technology, 2001, 11, 248-251.	5.6	36
200	Logistic regression in an adaptive Web cache. IEEE Internet Computing, 1999, 3, 27-36.	3.2	29
201	On the convergence of the CORDIC adaptive lattice filtering (CALF) algorithm. IEEE Transactions on Signal Processing, 1998, 46, 1861-1871.	3.2	8
202	Guest Editors' Introduction: Neural Networks For Signal Processing. IEEE Transactions on Signal Processing, 1997, 45, 2637-2638.	3.2	4
203	A novel implementation of CORDIC algorithm using backward angle recoding (BAR). IEEE Transactions on Computers, 1996, 45, 1370-1378.	2.4	17
204	Analysis of convergence properties of a stochastic evolution algorithm. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 1996, 15, 826-831.	1.9	5
205	A unified partitioning and scheduling scheme for mapping multi-stage regular iterative algorithms onto processor arrays. Journal of Signal Processing Systems, 1995, 11, 133-150.	1.0	2
206	Automated entry system for Chinese printed documents. Image and Vision Computing, 1995, 13, 745-754.	2.7	0
207	An efficient CORDIC array structure for the implementation of discrete cosine transform. IEEE Transactions on Signal Processing, 1995, 43, 331-336.	3.2	40
208	A novel modular systolic array architecture for full-search block matching motion estimation. IEEE Transactions on Circuits and Systems for Video Technology, 1995, 5, 407-416.	5.6	120
209	Multiprocessor implementation of real-time DSP algorithms. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 1995, 3, 393-403.	2.1	7
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