Jenq-Neng Hwang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6643397/publications.pdf

Version: 2024-02-01

226	4,221	172457	197818
papers	citations	29 h-index	49 g-index

229	229	229	2997
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	IRFR-Net: Interactive Recursive Feature-Reshaping Network for Detecting Salient Objects in RGB-D Images. IEEE Transactions on Neural Networks and Learning Systems, 2024, PP, 1-13.	11.3	100
2	Depth Estimation Using a Self-Supervised Network Based on Cross-Layer Feature Fusion and the Quadtree Constraint. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1751-1766.	8.3	33
3	ECFFNet: Effective and Consistent Feature Fusion Network for RGB-T Salient Object Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1224-1235.	8.3	117
4	EPES: Point Cloud Quality Modeling Using Elastic Potential Energy Similarity. IEEE Transactions on Broadcasting, 2022, 68, 33-42.	3.2	11
5	CEGFNet: Common Extraction and Gate Fusion Network for Scene Parsing of Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	6.3	8
6	MFFENet: Multiscale Feature Fusion and Enhancement Network For RGBâ€“Thermal Urban Road Scene Parsing. IEEE Transactions on Multimedia, 2022, 24, 2526-2538.	7.2	55
7	Tile-Based Panoramic Video Quality Assessment. IEEE Transactions on Broadcasting, 2022, 68, 530-544.	3.2	5
8	Double-Branch Dehazing Network based on Self-Calibrated Attentional Convolution. Knowledge-Based Systems, 2022, 240, 108148.	7.1	7
9	Multi-Target Multi-Camera Tracking of Vehicles by Graph Auto-Encoder and Self-Supervised Camera Link Model. , 2022, , .		2
10	Coarse-to-fine multiscale fusion network for single image deraining. Journal of Electronic Imaging, 2022, 31, .	0.9	1
11	Salient Object Detection in Stereoscopic 3D Images Using a Deep Convolutional Residual Autoencoder. IEEE Transactions on Multimedia, 2021, 23, 3388-3399.	7.2	55
12	GMNet: Graded-Feature Multilabel-Learning Network for RGB-Thermal Urban Scene Semantic Segmentation. IEEE Transactions on Image Processing, 2021, 30, 7790-7802.	9.8	142
13	Multi-Target Multi-Camera Tracking of Vehicles Using Metadata-Aided Re-ID and Trajectory-Based Camera Link Model. IEEE Transactions on Image Processing, 2021, 30, 5198-5210.	9.8	20
14	Photometric transfer for direct visual odometry. Knowledge-Based Systems, 2021, 213, 106671.	7.1	14
15	Domain adaptive and fully automated carotid artery atherosclerotic lesion detection using an artificial intelligence approach (LATTE) on 3D MRI. Magnetic Resonance in Medicine, 2021, 86, 1662-1673.	3.0	7
16	Quantitative Assessment of the Intracranial Vasculature of Infants and Adults Using iCafe (Intracranial Artery Feature Extraction). Frontiers in Neurology, 2021, 12, 668298.	2.4	2
17	RODNet: A Real-Time Radar Object Detection Network Cross-Supervised by Camera-Radar Fused Object 3D Localization. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 954-967.	10.8	70
18	Geometry-Based Camera Calibration Using Closed-Form Solution of Principal Line. IEEE Transactions on Image Processing, 2021, 30, 2599-2610.	9.8	19

#	Article	IF	Citations
19	Video-Based Hierarchical Species Classification for Longline Fishing Monitoring. Lecture Notes in Computer Science, 2021, , 422-433.	1.3	5
20	A cross-domain hierarchical recurrent model for personalized session-based recommendations. Neurocomputing, 2020, 380, 271-284.	5.9	14
21	Multi-Person Hierarchical 3D Pose Estimation in Natural Videos. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4245-4257.	8.3	32
22	Understanding Objects in Video: Object-Oriented Video Captioning via Structured Trajectory and Adversarial Learning. IEEE Access, 2020, 8, 169146-169159.	4.2	10
23	Optimizing Live Layered Video Multicasting Over LTE With Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2020, 69, 12072-12084.	6.3	5
24	Automated Artery Localization and Vessel Wall Segmentation Using Tracklet Refinement and Polar Conversion. IEEE Access, 2020, 8, 217603-217614.	4.2	14
25	The 2020 Embedded Deep Learning Object Detection Model Compression Competition for Traffic in Asian Countries. , 2020, , .		9
26	Fully automated and robust analysis technique for popliteal artery vessel wall evaluation (FRAPPE) using neural network models from standardized knee MRI. Magnetic Resonance in Medicine, 2020, 84, 2147-2160.	3.0	7
27	Confidence Weighting for Robust Automated Measurements of Popliteal Vessel Wall Magnetic Resonance Imaging. Circulation Genomic and Precision Medicine, 2020, 13, e002870.	3.6	4
28	Adversarial Learning for Joint Optimization of Depth and Ego-Motion. IEEE Transactions on Image Processing, 2020, 29, 4130-4142.	9.8	13
29	A novel algorithm for refining cerebral vascular measurements in infants and adults. Journal of Neuroscience Methods, 2020, 340, 108751.	2.5	3
30	Automated Intracranial Artery Labeling Using a Graph Neural Network and Hierarchical Refinement. Lecture Notes in Computer Science, 2020, , 76-85.	1.3	7
31	Traffic-Aware Multi-Camera Tracking of Vehicles Based on ReID and Camera Link Model. , 2020, , .		21
32	Efficient Multi-person Hierarchical 3D Pose Estimation for Autonomous Driving. , 2019, , .		14
33	Unsupervised Learning of Depth and Ego-Motion with Spatial-Temporal Geometric Constraints. , 2019, , .		2
34	Bundle Adjustment for Monocular Visual Odometry Based on Detected Traffic Sign Features. , 2019, , .		6
35	Multi-Scale Fish Segmentation Refinement and Missing Shape Recovery. IEEE Access, 2019, 7, 52836-52845.	4.2	18
36	QoE-Driven Resource Allocation Optimized for Uplink Delivery of Delay-Sensitive VR Video Over Cellular Network. IEEE Access, 2019, 7, 60672-60683.	4.2	10

#	Article	IF	Citations
37	DD-CycleGAN: Unpaired image dehazing via Double-Discriminator Cycle-Consistent Generative Adversarial Network. Engineering Applications of Artificial Intelligence, 2019, 82, 263-271.	8.1	39
38	MOANA: An Online Learned Adaptive Appearance Model for Robust Multiple Object Tracking in 3D. IEEE Access, 2019, 7, 31934-31945.	4.2	30
39	Quantitative assessment of the intracranial vasculature in an older adult population using iCafe. Neurobiology of Aging, 2019, 79, 59-65.	3.1	25
40	Rate-Utility Optimized Streaming of Volumetric Media for Augmented Reality. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2019, 9, 149-162.	3.6	63
41	Inductive Embedding Learning on Attributed Heterogeneous Networks via Multi-task Sequence-to-Sequence Learning. , 2019, , .		0
42	QoE-Driven Resource Allocation Optimized for Delay-Sensitive VR Video Uploading over Cellular Network. , 2019, , .		3
43	CityFlow: A City-Scale Benchmark for Multi-Target Multi-Camera Vehicle Tracking and Re-Identification. , 2019, , .		229
44	Exploit the Connectivity. , 2019, , .		111
45	Monocular Visual Object 3D Localization in Road Scenes. , 2019, , .		17
46	Quantification of morphometry and intensity features of intracranial arteries from 3D TOF MRA using the intracranial artery feature extraction (iCafe): A reproducibility study. Magnetic Resonance Imaging, 2019, 57, 293-302.	1.8	18
47	Fish Tracking and Segmentation From Stereo Videos on the Wild Sea Surface for Electronic Monitoring of Rail Fishing. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3146-3158.	8.3	18
48	Optimal DASH-Multicasting Over LTE. IEEE Transactions on Vehicular Technology, 2018, 67, 4487-4500.	6.3	23
49	QoE-Based Resource Allocation for Heterogeneous Multi-Radio Communication in Software-Defined Vehicle Networks. IEEE Access, 2018, 6, 3387-3399.	4.2	37
50	Online-Learning-Based Human Tracking Across Non-Overlapping Cameras. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2870-2883.	8.3	32
51	Development of a quantitative intracranial vascular features extraction tool on 3<scp>D</scp><scp>MRA</scp> using semiautomated openâ€curve active contour vessel tracing. Magnetic Resonance in Medicine, 2018, 79, 3229-3238.	3.0	64
52	Cross-Layer Optimization for VR Video Multicast Systems. , 2018, , .		10
53	The 2018 NVIDIA AI City Challenge. , 2018, , .		55
54	Volumetric Media Streaming for Augmented Reality. , 2018, , .		16

#	Article	IF	Citations
55	Single-Camera and Inter-Camera Vehicle Tracking and 3D Speed Estimation Based on Fusion of Visual and Semantic Features. , 2018, , .		92
56	Coarse-To-Fine Segmentation Refinement and Missing Shape Recovery for Halibut Fish. , 2018, , .		1
57	Self-Calibration of Traffic Surveillance Cameras Based on Moving Vehicle Appearance and 3-D Vehicle Modeling. , 2018, , .		4
58	Facial Feature-Integrated Inter-Camera Human Tracking. , 2018, , .		2
59	Joint Multi-View People Tracking and Pose Estimation for 3D Scene Reconstruction. , 2018, , .		20
60	Gradient-based adaptive particle swarm optimizer with improved extremal optimization. Applied Intelligence, 2018, 48, 4646-4659.	5.3	7
61	QoE based SDN heterogeneous LTE and WLAN multi-radio networks for multi-user access. , 2018, , .		3
62	Normalized distance aggregation of discriminative features for person reidentification. Journal of Electronic Imaging, 2018, 27, 1.	0.9	1
63	Quality-Driven Joint Rate and Power Adaptation for Scalable Video Transmissions Over MIMO Systems. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 366-379.	8.3	10
64	Robust Human Tracking Based on DPM Constrained Multiple-Kernel from a Moving Camera. Journal of Signal Processing Systems, 2017, 86, 27-39.	2.1	11
65	Performance modeling of big data applications in the cloud centers. Journal of Supercomputing, 2017, 73, 2258-2283.	3.6	15
66	Human tracking over camera networks: a review. Eurasip Journal on Advances in Signal Processing, 2017, 2017, .	1.7	25
67	Inter-camera tracking based on fully unsupervised online learning. , 2017, , .		4
68	3D intracranial artery segmentation using a convolutional autoencoder. , 2017, , .		18
69	Adaptive ground plane estimation for moving camera-based 3D object tracking. , 2017, , .		11
70	Uncertainty sampling based active learning with diversity constraint by sparse selection. , 2017, , .		13
71	An effective video-based model for fall monitoring of the elderly. , 2017, , .		3
72	Emergent Techniques and Applications for Big Visual Data. International Journal of Digital Multimedia Broadcasting, 2017, 2017, 1-2.	0.6	0

#	Article	IF	Citations
73	Optimal DASH-multicasting over LTE. , 2017, , .		8
74	Association Rule Mining of Personal Hobbies in Social Networks. International Journal of Web Services Research, 2017, 14, 13-28.	0.8	1
75	Closed-Loop Tracking-by-Detection for ROV-Based Multiple Fish Tracking. , 2016, , .		14
76	Live Tracking of Rail-Based Fish Catching on Wild Sea Surface. , 2016, , .		5
77	Shrinking Encoding with Two-Level Codebook Learning for Fine-Grained Fish Recognition. , 2016, , .		11
78	Ground-Moving-Platform-Based Human Tracking Using Visual SLAM and Constrained Multiple Kernels. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 3602-3612.	8.0	30
79	Chute based automated fish length measurement and water drop detection. , 2016, , .		16
80	Automated measurements of fish within a trawl using stereo images from a Camera-Trawl device (CamTrawl). Methods in Oceanography, 2016, 17, 138-152.	1.6	36
81	Multiple-kernel adaptive segmentation and tracking (MAST) for robust object tracking. , 2016, , .		17
82	SUPERVISED AND UNSUPERVISED FEATURE DESCRIPTORS FOR ERROR-RESILIENT UNDERWATER LIVE FISH RECOGNITION. , 2016, , 159-173.		1
83	Smart Car [Application Notes]. IEEE Computational Intelligence Magazine, 2016, 11, 46-58.	3.2	17
84	Camera self-calibration from tracking of moving persons. , 2016, , .		23
85	Underwater Fish Tracking for Moving Cameras Based on Deformable Multiple Kernels. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, , 1-11.	9.3	37
86	Quality-of-content (QoC)-driven rate allocation for video analysis in mobile surveillance networks. , 2015, , .		10
87	A channel reservation and preemption model using overlapping regions in sectorâ€based cellular networks. Wireless Communications and Mobile Computing, 2015, 15, 1589-1605.	1.2	1
88	Optimal Power Allocation and Rate Adaptation for Scalable Video over Multi-User MIMO. , 2015, , .		1
89	A QoE-driven FEC rate adaptation scheme for scalable video transmissions over MIMO systems. , 2015, , .		10
90	An ensemble of invariant features for person re-identification. , 2015, , .		2

#	Article	IF	Citations
91	A QoE-based APP layer scheduling scheme for scalable video transmissions over multi-RAT systems?. , 2015, , .		5
92	Model-Based Vehicle Localization Based on 3-D Constrained Multiple-Kernel Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 38-50.	8.3	23
93	Tracking Live Fish From Low-Contrast and Low-Frame-Rate Stereo Videos. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 167-179.	8.3	82
94	Combined estimation of camera link models for human tracking across nonoverlapping cameras. , 2015, , .		13
95	On-Road Pedestrian Tracking Across Multiple Driving Recorders. IEEE Transactions on Multimedia, 2015, 17, 1429-1438.	7.2	109
96	Deformable multiple-kernel based human tracking using a moving camera. , 2015, , .		3
97	Supervised and Unsupervised Feature Extraction Methods for Underwater Fish Species Recognition. , 2014, , .		23
98	Recognizing live fish species by hierarchical partial classification based on the exponential benefit. , 2014, , .		18
99	A near optimal QoE-driven power allocation scheme for SVC-based video transmissions over MIMO systems. , 2014, , .		9
100	Dynamic Scheduling and Real-Time Rendering for Large-Scale 3D Scenes. Journal of Signal Processing Systems, 2014, 75, 15-21.	2.1	2
101	Object tracking with sparse representation and annealed particle filter. Signal, Image and Video Processing, 2014, 8, 1059-1068.	2.7	13
102	Fully Unsupervised Learning of Camera Link Models for Tracking Humans Across Nonoverlapping Cameras. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 979-994.	8.3	13
103	Human Action Recognition Based on 3D Human Modeling and Cyclic HMMs. ETRI Journal, 2014, 36, 662-672.	2.0	13
104	Optimal Power Allocation and Rate Adaptation for Scalable Video over Multi-User MIMO. , 2014, , .		0
105	Tracking Human Under Occlusion Based on Adaptive Multiple Kernels With Projected Gradients. IEEE Transactions on Multimedia, 2013, 15, 1602-1615.	7.2	54
106	Aggregated segmentation of fish from conveyor belt videos. , 2013, , .		11
107	Adaptive mode and modulation coding switching scheme in MIMO multicasting system. , 2013, , .		3
108	An efficient CQI feedback resource allocation scheme for wireless video multicast services. , 2013, , .		3

#	Article	IF	Citations
109	Multiple fish tracking via Viterbi data association for low-frame-rate underwater camera systems. , 2013, , .		6
110	Self-organized and scalable camera networks for systematic human tracking across nonoverlapping cameras. , 2013, , .		4
111	Multiple-kernel based vehicle tracking using 3-D deformable model and license plate self-similarity. , 2013, , .		2
112	Vehicle tracking iterative by Kalman-based constrained multiple-kernel and 3-D model-based localization. , 2013, , .		1
113	A Review on Video-Based Human Activity Recognition. Computers, 2013, 2, 88-131.	3.3	329
114	QoE-aware resource allocation for integrated surveillance system over 4G mobile networks. , 2012, , .		3
115	Camera link model estimation in a distributed camera network based on the deterministic annealing and the barrier method. , 2012, , .		7
116	Constrained multiple kernel tracking for human limbs. , 2012, , .		0
117	Quasi-periodic action recognition from monocular videos via 3D human models and cyclic HMMs. , 2012, , .		2
118	OLM: Opportunistic Layered Multicasting for Scalable IPTV over Mobile WiMAX. IEEE Transactions on Mobile Computing, 2012, 11, 453-463.	5.8	55
119	Handover Delay Reduction and Buffer-Based Data Recovery Scheme for Inter Multicast Broadcast Service Zone. , 2011, , .		0
120	Tracking across multiple cameras with overlapping views based on brightness and tangent transfer functions. , 2011, , .		13
121	Human tracking by adaptive Kalman filtering and multiple kernels tracking with projected gradients. , 2011, , .		17
122	Wireless MediaNets: application-driven next-generation wireless IP networks. Multimedia Systems, 2011, 17, 251-285.	4.7	4
123	Cross-Layer Channel-Quality-Fair Scheduling for Video Uplink of Camera Networks over WiMAX. , 2011, , .		8
124	Robust video object tracking based on multiple kernels with projected gradients. , 2011, , .		13
125	View-invariant 3D human body pose reconstruction using a monocular video camera. , 2011, , .		8
126	Automatic fish segmentation via double local thresholding for trawl-based underwater camera systems. , 2011, , .		31

#	Article	IF	Citations
127	Latency minimized probabilistic CSMA/CA. , 2011, , .		1
128	Adaptive Probabilistic Broadcasting over Dense Wireless Ad Hoc Networks. International Journal of Digital Multimedia Broadcasting, 2010, 2010, 1-12.	0.6	2
129	Resource Efficient Opportunistic Multicast Scheduling for IPTV over Mobile WiMAX. , 2010, , .		7
130	Reducing Feedback Load of Opportunistic Multicast Scheduling over Wireless Systems. IEEE Communications Letters, 2010, 14, 1179-1181.	4.1	9
131	Real-Time 3D Human Pose Estimation from Monocular View with Applications to Event Detection and Video Gaming. , 2010, , .		24
132	Layered Video Resource Allocation in Mobile WiMAX Using Opportunistic Multicasting. , 2009, , .		16
133	Real-time 3D pose reconstruction of human body from monocular video sequences. , 2009, , .		1
134	Adaptive particle sampling and adaptive appearance for multiple video object tracking. Signal Processing, 2009, 89, 1844-1849.	3.7	29
135	Exemplar-Based Video Inpainting Without Ghost Shadow Artifacts by Maintaining Temporal Continuity. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 347-360.	8.3	65
136	Tracking of multiple objects across multiple cameras with overlapping and non-overlapping views. , 2009, , .		7
137	Airtime Fair Distributed Cross-Layer Congestion Control for Real-Time Video Over WLAN. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 1158-1168.	8.3	8
138	Receiver driven overlap FEC for scalable video coding extension of the H.264/AVC. , 2009, , .		3
139	Generalization performance analysis of flow-based peer-to-peer traffic identification. , 2008, , .		1
140	Hierarchical lane detection for different types of roads. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	4
141	A Hybrid Coarse/Fine Layered Multicast Scheme Based on Hierarchical Bandwidth Inference Congestion Control. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 1776-1780.	8.3	2
142	A scheme for peer-to-peer live streaming with multi-source multicast and forward error correction. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	1
143	A hierarchical push-pull scheme for peer-to-peer live streaming. , 2008, , .		3
144	Overcoming burst packet loss in peer-to-peer live streaming systems. , 2008, , .		1

#	Article	IF	Citations
145	Human body modeling with partial self occlusion from monocular camera. , 2008, , .		1
146	Ghost Shadow Removal in Multi-Layered Video Inpaintinga. , 2007, , .		8
147	Video Attention Ranking using Visual and Contextual Attention Model for Content-based Sports Videos Mining. , 2007, , .		2
148	Extraction and Integration of Human Body Parts for 3-D Motion Analysis of Golf Swing from Single-Camera Video Sequences. , 2007, , .		3
149	Automatic Human Body Tracking and Modeling from Monocular Video Sequences. , 2007, , .		9
150	Non-Coherent Detection for SFH/BFSK Interfered by An Uncoordinated FH System. , 2007, , .		0
151	An embedded packet train and adaptive FEC scheme for effective video adaptation over wireless broadband networks. Journal of Zhejiang University: Science A, 2006, 7, 811-818.	2.4	5
152	A scalable VideoGIS system for GPS-guided vehicles. Signal Processing: Image Communication, 2005, 20, 205-218.	3.2	20
153	Mapping the spatial distribution and time evolution of snow water equivalent with passive microwave measurements. IEEE Transactions on Geoscience and Remote Sensing, 2003, 41, 612-621.	6.3	13
154	Automatic object-based video analysis and interpretation: A step toward systematic video understanding. , 2002, , .		7
155	A real-time system for automatic creation of 3D face models from a video sequence. , 2002, , .		3
156	Fast and automatic video object segmentation and tracking for content-based applications. IEEE Transactions on Circuits and Systems for Video Technology, 2002, 12, 122-129.	8.3	239
157	Segmentation of Multi-Channel Image with Markov Random Field Based Active Contour Model. Journal of Signal Processing Systems, 2002, 31, 45-55.	1.0	6
158	Passive microwave remote sensing of snow constrained by hydrological simulations. IEEE Transactions on Geoscience and Remote Sensing, 2001, 39, 1744-1756.	6.3	30
159	The CBERC: a content-based error-resilient coding technique for packet video communications. IEEE Transactions on Circuits and Systems for Video Technology, 2001, 11, 974-980.	8.3	13
160	Video Object Extraction for Object-Oriented Applications. Journal of Signal Processing Systems, 2001, 29, 7-21.	1.0	24
161	Hidden Markov Model Inversion for Audio-to-Visual Conversion in an MPEG-4 Facial Animation System. Journal of Signal Processing Systems, 2001, 29, 51-61.	1.0	38
162	Reliable and fast fingerprint identification for security applications. , 2000, , .		15

#	Article	IF	Citations
163	Performance of ordered statistics decoding for robust video transmission on the WSSUS channel. , 1999, , .		0
164	A fast and robust moving object segmentation in video sequences. , 1999, , .		25
165	Contour Tracking Using a Knowledge-Based Snake Algorithm to Construct Three-Dimensional Pharyngeal Bolus Movement. Dysphagia, 1999, 14, 219-227.	1.8	12
166	Scene-context-dependent reference-frame placement for MPEG video coding. IEEE Transactions on Circuits and Systems for Video Technology, 1999, 9, 478-489.	8.3	31
167	An interactive virtual classroom-multimedia distance learning system. , 1999, , .		2
168	Measurements of blood vessel wall areas in black-blood MR images using global minimum snake algorithm. , 1999, , .		1
169	Baum-Welch hidden Markov model inversion for reliable audio-to-visual conversion. , 1999, , .		4
170	A robust method of identifying and measuring fibrous cap in 3D time-of-flight MR image. , 1999, , .		0
171	Neural networks for intelligent multimedia processing. Proceedings of the IEEE, 1998, 86, 1244-1272.	21.3	51
172	Expanding Gaussian kernels for multivariate conditional density estimation. IEEE Transactions on Signal Processing, 1998, 46, 269-275.	5.3	4
173	Three-dimensional object representation and invariant recognition using continuous distance transform neural networks. IEEE Transactions on Neural Networks, 1997, 8, 141-147.	4.2	19
174	Robust speech recognition based on joint model and feature space optimization of hidden Markov models. IEEE Transactions on Neural Networks, 1997, 8, 194-204.	4.2	38
175	Lipreading from color video. IEEE Transactions on Image Processing, 1997, 6, 1192-1195.	9.8	116
176	Solving inverse problems by Bayesian neural network iterative inversion with ground truth incorporation. IEEE Transactions on Signal Processing, 1997, 45, 2749-2757.	5.3	10
177	The cascade-correlation learning: a projection pursuit learning perspective. IEEE Transactions on Neural Networks, 1996, 7, 278-289.	4.2	57
178	Proteus: A reconfigurable computational network for computer vision. Machine Vision and Applications, 1995, 8, 85-100.	2.7	1
179	Worst-case criterion for content-based error-resilient video coding. , 0, , .		0
180	From Nonlinear Optimization to Neural Network Training. , 0, , .		0

#	Article	IF	Citations
181	Inversion of Parameters for Semiarid Regions by a Neural Network. , 0, , .		4
182	Remote Sensing of Rough Surface Parameters Using Artificial Neural Network Technique. , 0, , .		1
183	A limited feedback time-delay neural network. , 0, , .		2
184	A knowledge driven stochastic active contour model (KDS-SNAKE) for contour finding of distinct features. , 0, , .		3
185	From artificial neural network inversion to hidden Markov model inversion: application to robust speech recognition. , 0, , .		0
186	Neural network techniques for invariant recognition and motion tracking of 3-D objects. , 0, , .		1
187	Noisy speech recognition using robust inversion of hidden Markov models. , 0, , .		9
188	Real time recurrent neural networks for time series prediction and confidence estimation. , 0, , .		3
189	Expanding Gaussian kernels for multivariate conditional density estimation. , 0, , .		3
190	Lipreading from color motion video. , 0, , .		5
191	Mapping snow properties for spatially distributed snow hydrological modeling in mountainous areas using passive microwave remote sensing data. , 0, , .		1
192	Video browsing for course-on-demand in distance learning. , 0, , .		2
193	Mixture of discriminative learning experts of constant sensitivity for automated cytology screening. , 0, , .		5
194	Motion vector re-estimation and dynamic frame-skipping for video transcoding. , 0, , .		7
195	Estimating boundary conditions of pharyngeal bolus movement by neural network inversion. , 0, , .		0
196	A virtual classroom for real-time interactive distance learning. , 0, , .		7
197	A new fast motion estimation method based on total least squares for video encoding. , 0, , .		1
198	Neural network inversion of snow parameters by fusion of snow hydrology prediction and SSM/I microwave satellite measurements. , 0, , .		1

#	Article	IF	Citations
199	Fast motion estimation based on total least squares for video encoding. , 0, , .		0
200	Dynamic frame-skipping in video transcoding. , 0, , .		46
201	Ordered statistics decoding of linear block codes on the WSSUS multipath channel. , 0, , .		0
202	Information theoretic analysis of plaque in MR imaging. , 0, , .		1
203	Atherosclerotic blood vessel tracking and lumen segmentation in topology changes situations of MR image sequences. , 0, , .		0
204	Creating 3D virtual heads from video sequences: a recursive approach by combining EKF and DFFD. , 0, , .		1
205	Object-based video abstraction using cluster analysis. , 0, , .		3
206	Mapping the spatial distribution and time evolution of snow water equivalent with passive microwave measurements. , 0, , .		0
207	Layered video over IP networks by using selective drop routers. , 0, , .		7
208	Creating 3D speech-driven talking heads: a probabilistic network approach. , 0, , .		3
209	A hybrid system for automatic fingerprint identification. , 0, , .		3
210	Layered FGS video over active network with selective drop and adaptive rate control. , 0, , .		1
211	Application level selective drop for layered video over multicast networks. , 0, , .		0
212	A scalable VideoGIS system for GPS-guided vehicles. , 0, , .		5
213	On realtime remote display of a digital video recording system. , 0, , .		3
214	A max-min fairness congestion control for streaming layered video. , 0, , .		1
215	A framework for fully automatic moving video-object segmentation based on graph partitioning. , 0, , .		1
216	A scalable video transmission system using bandwidth inference in congestion control. , 0, , .		3

#	Article	IF	Citations
217	A framework for fully automatic moving video-object segmentation based on graph partitioning and object tracking. , 0, , .		1
218	Effective dissemination of scalable video and GIS information in an intelligent transportation system. , 0, , .		0
219	Fine-Grain Layered Multicast based on Hierarchical Bandwidth Inference Congestion Control. , 0, , .		3
220	A Fast Bitplane Combination Algorithm for Bitplane Coded Scalable Image/Video. , 0, , .		0
221	The Dynamics and Stability of Layered Congestion Control for Multimedia Streaming. , 0, , .		0
222	A Comprehensive Coarse-To-Fine Sports Video Analysis Framework to Infer 3D Parameters of Video Objects with Application to Tennis Video Sequences. , 0, , .		5
223	Analyzing Human Body 3-D Motion of Golf Swing From Single-Camera Video Sequences. , 0, , .		6
224	An Embedded Packet Train and Adaptive FEC Scheme for VoIP Over Wired/Wireless Ip Networks. , 0, , .		6
225	Dynamic bit rate conversion in multipoint video transcoding. , 0, , .		0
226	Unsupervised universal hierarchical multi-person 3D pose estimation for natural scenes. Multimedia Tools and Applications, 0, , .	3.9	0