Jenq-Neng Hwang

List of Publications by Year
in descending order

226 papers	4,221 citations	172457 29 h-index	197818 49 g-index
229 all docs	229 docs citations	229 times ranked	2997 citing authors

#	Article	IF	Citations
1	A Review on Video-Based Human Activity Recognition. Computers, 2013, 2, 88-131.	3.3	329
2	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
3	CityFlow: A City-Scale Benchmark for Multi-Target Multi-Camera Vehicle Tracking and Re-Identification. , 2019, , .		229
4	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
5	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
6	Lipreading from color video. IEEE Transactions on Image Processing, 1997, 6, 1192-1195.	9.8	116
7	Exploit the Connectivity. , 2019, , .		111
8	On-Road Pedestrian Tracking Across Multiple Driving Recorders. IEEE Transactions on Multimedia, 2015, 17, 1429-1438.	7.2	109
9	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
10	Single-Camera and Inter-Camera Vehicle Tracking and 3D Speed Estimation Based on Fusion of Visual and Semantic Features. , 2018, , .		92
11	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
12	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
13	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
14	Development of a quantitative intracranial vascular features extraction tool on 3<scp>D</scp><scp>MRA</scp> using semiautomated open€curve active contour vessel tracing. Magnetic Resonance in Medicine, 2018, 79, 3229-3238.	3.0	64
15	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
16	The cascade-correlation learning: a projection pursuit learning perspective. IEEE Transactions on Neural Networks, 1996, 7, 278-289.	4.2	57
17	OLM: Opportunistic Layered Multicasting for Scalable IPTV over Mobile WiMAX. IEEE Transactions on Mobile Computing, 2012, 11, 453-463.	5.8	55
18	The 2018 NVIDIA AI City Challenge. , 2018, , .		55

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19	Salient Object Detection in Stereoscopic 3D Images Using a Deep Convolutional Residual Autoencoder. IEEE Transactions on Multimedia, 2021, 23, 3388-3399.	7.2	55
20	MFFENet: Multiscale Feature Fusion and Enhancement Network For RGB–Thermal Urban Road Scene Parsing. IEEE Transactions on Multimedia, 2022, 24, 2526-2538.	7.2	55
21	Tracking Human Under Occlusion Based on Adaptive Multiple Kernels With Projected Gradients. IEEE Transactions on Multimedia, 2013, 15, 1602-1615.	7.2	54
22	Neural networks for intelligent multimedia processing. Proceedings of the IEEE, 1998, 86, 1244-1272.	21.3	51
23	Dynamic frame-skipping in video transcoding. , 0, , .		46
24	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
25	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
26	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
27	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
28	QoE-Based Resource Allocation for Heterogeneous Multi-Radio Communication in Software-Defined Vehicle Networks. IEEE Access, 2018, 6, 3387-3399.	4.2	37
29	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
30	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
31	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
32	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
33	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
34	Automatic fish segmentation via double local thresholding for trawl-based underwater camera systems. , 2011, , .		31
35	Passive microwave remote sensing of snow constrained by hydrological simulations. IEEE Transactions on Geoscience and Remote Sensing, 2001, 39, 1744-1756.	6.3	30
36	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

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37	MOANA: An Online Learned Adaptive Appearance Model for Robust Multiple Object Tracking in 3D. IEEE Access, 2019, 7, 31934-31945.	4.2	30
38	Adaptive particle sampling and adaptive appearance for multiple video object tracking. Signal Processing, 2009, 89, 1844-1849.	3.7	29
39	A fast and robust moving object segmentation in video sequences. , 1999, , .		25
40	Human tracking over camera networks: a review. Eurasip Journal on Advances in Signal Processing, 2017, 2017, .	1.7	25
41	Quantitative assessment of the intracranial vasculature in an older adult population using iCafe. Neurobiology of Aging, 2019, 79, 59-65.	3.1	25
42	Video Object Extraction for Object-Oriented Applications. Journal of Signal Processing Systems, 2001, 29, 7-21.	1.0	24
43	Real-Time 3D Human Pose Estimation from Monocular View with Applications to Event Detection and Video Gaming. , 2010, , .		24
44	Supervised and Unsupervised Feature Extraction Methods for Underwater Fish Species Recognition. , 2014, , .		23
45	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
46	Camera self-calibration from tracking of moving persons. , 2016, , .		23
47	Optimal DASH-Multicasting Over LTE. IEEE Transactions on Vehicular Technology, 2018, 67, 4487-4500.	6.3	23
48	Traffic-Aware Multi-Camera Tracking of Vehicles Based on ReID and Camera Link Model. , 2020, , .		21
49	A scalable VideoGIS system for GPS-guided vehicles. Signal Processing: Image Communication, 2005, 20, 205-218.	3.2	20
50	Joint Multi-View People Tracking and Pose Estimation for 3D Scene Reconstruction. , 2018, , .		20
51	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
52	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
53	Geometry-Based Camera Calibration Using Closed-Form Solution of Principal Line. IEEE Transactions on Image Processing, 2021, 30, 2599-2610.	9.8	19
54	Recognizing live fish species by hierarchical partial classification based on the exponential benefit. , 2014, , .		18

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55	3D intracranial artery segmentation using a convolutional autoencoder. , 2017, , .		18
56	Multi-Scale Fish Segmentation Refinement and Missing Shape Recovery. IEEE Access, 2019, 7, 52836-52845.	4.2	18
57	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
58	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
59	Human tracking by adaptive Kalman filtering and multiple kernels tracking with projected gradients. , 2011, , .		17
60	Multiple-kernel adaptive segmentation and tracking (MAST) for robust object tracking. , 2016, , .		17
61	Smart Car [Application Notes]. IEEE Computational Intelligence Magazine, 2016, 11, 46-58.	3.2	17
62	Monocular Visual Object 3D Localization in Road Scenes. , 2019, , .		17
63	Layered Video Resource Allocation in Mobile WiMAX Using Opportunistic Multicasting. , 2009, , .		16
64	Chute based automated fish length measurement and water drop detection. , 2016, , .		16
65	Volumetric Media Streaming for Augmented Reality. , 2018, , .		16
66	Reliable and fast fingerprint identification for security applications. , 2000, , .		15
67	Performance modeling of big data applications in the cloud centers. Journal of Supercomputing, 2017, 73, 2258-2283.	3.6	15
68	Closed-Loop Tracking-by-Detection for ROV-Based Multiple Fish Tracking. , 2016, , .		14
69	Efficient Multi-person Hierarchical 3D Pose Estimation for Autonomous Driving. , 2019, , .		14
70	A cross-domain hierarchical recurrent model for personalized session-based recommendations. Neurocomputing, 2020, 380, 271-284.	5.9	14
71	Automated Artery Localization and Vessel Wall Segmentation Using Tracklet Refinement and Polar Conversion. IEEE Access, 2020, 8, 217603-217614.	4.2	14
72	Photometric transfer for direct visual odometry. Knowledge-Based Systems, 2021, 213, 106671.	7.1	14

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73	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
74	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
75	Tracking across multiple cameras with overlapping views based on brightness and tangent transfer functions. , 2011, , .		13
76	Robust video object tracking based on multiple kernels with projected gradients. , 2011, , .		13
77	Object tracking with sparse representation and annealed particle filter. Signal, Image and Video Processing, 2014, 8, 1059-1068.	2.7	13
78	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
79	Human Action Recognition Based on 3D Human Modeling and Cyclic HMMs. ETRI Journal, 2014, 36, 662-672.	2.0	13
80	Combined estimation of camera link models for human tracking across nonoverlapping cameras. , 2015, , .		13
81	Uncertainty sampling based active learning with diversity constraint by sparse selection. , 2017, , .		13
82	Adversarial Learning for Joint Optimization of Depth and Ego-Motion. IEEE Transactions on Image Processing, 2020, 29, 4130-4142.	9.8	13
83	Contour Tracking Using a Knowledge-Based Snake Algorithm to Construct Three-Dimensional Pharyngeal Bolus Movement. Dysphagia, 1999, 14, 219-227.	1.8	12
84	Aggregated segmentation of fish from conveyor belt videos. , 2013, , .		11
85	Shrinking Encoding with Two-Level Codebook Learning for Fine-Grained Fish Recognition. , 2016, , .		11
86	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
87	Adaptive ground plane estimation for moving camera-based 3D object tracking. , 2017, , .		11
88	EPES: Point Cloud Quality Modeling Using Elastic Potential Energy Similarity. IEEE Transactions on Broadcasting, 2022, 68, 33-42.	3.2	11
89	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
90	Quality-of-content (QoC)-driven rate allocation for video analysis in mobile surveillance networks. , 2015, , .		10

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91	A QoE-driven FEC rate adaptation scheme for scalable video transmissions over MIMO systems. , 2015, , .		10
92	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
93	Cross-Layer Optimization for VR Video Multicast Systems. , 2018, , .		10
94	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
95	Understanding Objects in Video: Object-Oriented Video Captioning via Structured Trajectory and Adversarial Learning. IEEE Access, 2020, 8, 169146-169159.	4.2	10
96	Noisy speech recognition using robust inversion of hidden Markov models. , 0, , .		9
97	Automatic Human Body Tracking and Modeling from Monocular Video Sequences. , 2007, , .		9
98	Reducing Feedback Load of Opportunistic Multicast Scheduling over Wireless Systems. IEEE Communications Letters, 2010, 14, 1179-1181.	4.1	9
99	A near optimal QoE-driven power allocation scheme for SVC-based video transmissions over MIMO systems. , 2014, , .		9
100	The 2020 Embedded Deep Learning Object Detection Model Compression Competition for Traffic in Asian Countries. , 2020, , .		9
101	Ghost Shadow Removal in Multi-Layered Video Inpaintinga. , 2007, , .		8
102	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
103	Cross-Layer Channel-Quality-Fair Scheduling for Video Uplink of Camera Networks over WiMAX. , 2011, , .		8
104	View-invariant 3D human body pose reconstruction using a monocular video camera. , 2011, , .		8
105	Optimal DASH-multicasting over LTE. , 2017, , .		8
106	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
107	Motion vector re-estimation and dynamic frame-skipping for video transcoding. , 0, , .		7
108	A virtual classroom for real-time interactive distance learning. , 0, , .		7

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109	Automatic object-based video analysis and interpretation: A step toward systematic video understanding. , 2002, , .		7
110	Layered video over IP networks by using selective drop routers. , 0, , .		7
111	Tracking of multiple objects across multiple cameras with overlapping and non-overlapping views. , 2009, , .		7
112	Resource Efficient Opportunistic Multicast Scheduling for IPTV over Mobile WiMAX. , 2010, , .		7
113	Camera link model estimation in a distributed camera network based on the deterministic annealing and the barrier method. , 2012, , .		7
114	Gradient-based adaptive particle swarm optimizer with improved extremal optimization. Applied Intelligence, 2018, 48, 4646-4659.	5.3	7
115	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
116	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
117	Automated Intracranial Artery Labeling Using a Graph Neural Network and Hierarchical Refinement. Lecture Notes in Computer Science, 2020, , 76-85.	1.3	7
118	Double-Branch Dehazing Network based on Self-Calibrated Attentional Convolution. Knowledge-Based Systems, 2022, 240, 108148.	7.1	7
119	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
120	Analyzing Human Body 3-D Motion of Golf Swing From Single-Camera Video Sequences. , 0, , .		6
121	An Embedded Packet Train and Adaptive FEC Scheme for VoIP Over Wired/Wireless Ip Networks. , 0, , .		6
122	Multiple fish tracking via Viterbi data association for low-frame-rate underwater camera systems. , 2013, , .		6
123	Bundle Adjustment for Monocular Visual Odometry Based on Detected Traffic Sign Features. , 2019, , .		6
124	Lipreading from color motion video. , 0, , .		5
125	Mixture of discriminative learning experts of constant sensitivity for automated cytology screening. , 0, , .		5
126	A scalable VideoGIS system for GPS-guided vehicles. , 0, , .		5

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127	A Comprehensive Coarse-To-Fine Sports Video Analysis Framework to Infer 3D Parameters of Video Objects with Application to Tennis Video Sequences. , 0, , .		5
128	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
129	A QoE-based APP layer scheduling scheme for scalable video transmissions over multi-RAT systems?. , 2015, , .		5
130	Live Tracking of Rail-Based Fish Catching on Wild Sea Surface. , 2016, , .		5
131	Optimizing Live Layered Video Multicasting Over LTE With Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2020, 69, 12072-12084.	6.3	5
132	Video-Based Hierarchical Species Classification for Longline Fishing Monitoring. Lecture Notes in Computer Science, 2021, , 422-433.	1.3	5
133	Tile-Based Panoramic Video Quality Assessment. IEEE Transactions on Broadcasting, 2022, 68, 530-544.	3.2	5
134	Inversion of Parameters for Semiarid Regions by a Neural Network. , 0, , .		4
135	Expanding Gaussian kernels for multivariate conditional density estimation. IEEE Transactions on Signal Processing, 1998, 46, 269-275.	5.3	4
136	Baum-Welch hidden Markov model inversion for reliable audio-to-visual conversion. , 1999, , .		4
137	Hierarchical lane detection for different types of roads. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	4
138	Wireless MediaNets: application-driven next-generation wireless IP networks. Multimedia Systems, 2011, 17, 251-285.	4.7	4
139	Self-organized and scalable camera networks for systematic human tracking across nonoverlapping cameras. , 2013, , .		4
140	Inter-camera tracking based on fully unsupervised online learning. , 2017, , .		4
141	Self-Calibration of Traffic Surveillance Cameras Based on Moving Vehicle Appearance and 3-D Vehicle Modeling. , 2018, , .		4
142	Confidence Weighting for Robust Automated Measurements of Popliteal Vessel Wall Magnetic Resonance Imaging. Circulation Genomic and Precision Medicine, 2020, 13, e002870.	3.6	4
143	A knowledge driven stochastic active contour model (KDS-SNAKE) for contour finding of distinct features. , 0, , .		3
144	Real time recurrent neural networks for time series prediction and confidence estimation. , 0, , .		3

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145	Expanding Gaussian kernels for multivariate conditional density estimation. , 0, , .		3
146	Object-based video abstraction using cluster analysis. , 0, , .		3
147	Creating 3D speech-driven talking heads: a probabilistic network approach. , 0, , .		3
148	A real-time system for automatic creation of 3D face models from a video sequence. , 2002, , .		3
149	A hybrid system for automatic fingerprint identification. , 0, , .		3
150	On realtime remote display of a digital video recording system. , 0, , .		3
151	A scalable video transmission system using bandwidth inference in congestion control. , 0, , .		3
152	Fine-Grain Layered Multicast based on Hierarchical Bandwidth Inference Congestion Control. , 0, , .		3
153	Extraction and Integration of Human Body Parts for 3-D Motion Analysis of Golf Swing from Single-Camera Video Sequences. , 2007, , .		3
154	A hierarchical push-pull scheme for peer-to-peer live streaming. , 2008, , .		3
155	Receiver driven overlap FEC for scalable video coding extension of the H.264/AVC. , 2009, , .		3
156	QoE-aware resource allocation for integrated surveillance system over 4G mobile networks. , 2012, , .		3
157	Adaptive mode and modulation coding switching scheme in MIMO multicasting system. , 2013, , .		3
158	An efficient CQI feedback resource allocation scheme for wireless video multicast services. , 2013, , .		3
159	Deformable multiple-kernel based human tracking using a moving camera. , 2015, , .		3
160	An effective video-based model for fall monitoring of the elderly. , 2017, , .		3
161	QoE based SDN heterogeneous LTE and WLAN multi-radio networks for multi-user access. , 2018, , .		3
162	QoE-Driven Resource Allocation Optimized for Delay-Sensitive VR Video Uploading over Cellular Network. , 2019, , .		3

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163	A novel algorithm for refining cerebral vascular measurements in infants and adults. Journal of Neuroscience Methods, 2020, 340, 108751.	2.5	3
164	A limited feedback time-delay neural network. , 0, , .		2
165	Video browsing for course-on-demand in distance learning. , 0, , .		2
166	An interactive virtual classroom-multimedia distance learning system. , 1999, , .		2
167	Video Attention Ranking using Visual and Contextual Attention Model for Content-based Sports Videos Mining. , 2007, , .		2
168	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
169	Adaptive Probabilistic Broadcasting over Dense Wireless Ad Hoc Networks. International Journal of Digital Multimedia Broadcasting, 2010, 2010, 1-12.	0.6	2
170	Quasi-periodic action recognition from monocular videos via 3D human models and cyclic HMMs. , 2012, , .		2
171	Multiple-kernel based vehicle tracking using 3-D deformable model and license plate self-similarity. , 2013, , .		2
172	Dynamic Scheduling and Real-Time Rendering for Large-Scale 3D Scenes. Journal of Signal Processing Systems, 2014, 75, 15-21.	2.1	2
173	An ensemble of invariant features for person re-identification. , 2015, , .		2
174	Facial Feature-Integrated Inter-Camera Human Tracking. , 2018, , .		2
175	Unsupervised Learning of Depth and Ego-Motion with Spatial-Temporal Geometric Constraints. , 2019, , .		2
176	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
177	Multi-Target Multi-Camera Tracking of Vehicles by Graph Auto-Encoder and Self-Supervised Camera Link Model. , 2022, , .		2
178	Remote Sensing of Rough Surface Parameters Using Artificial Neural Network Technique. , 0, , .		1
179	Neural network techniques for invariant recognition and motion tracking of 3-D objects. , 0, , .		1
180	Proteus: A reconfigurable computational network for computer vision. Machine Vision and Applications, 1995, 8, 85-100.	2.7	1

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181	Mapping snow properties for spatially distributed snow hydrological modeling in mountainous areas using passive microwave remote sensing data. , 0, , .		1
182	A new fast motion estimation method based on total least squares for video encoding. , 0, , .		1
183	Neural network inversion of snow parameters by fusion of snow hydrology prediction and SSM/I microwave satellite measurements. , 0, , .		1
184	Measurements of blood vessel wall areas in black-blood MR images using global minimum snake algorithm. , 1999, , .		1
185	Information theoretic analysis of plaque in MR imaging. , 0, , .		1
186	Creating 3D virtual heads from video sequences: a recursive approach by combining EKF and DFFD. , 0, , .		1
187	Layered FGS video over active network with selective drop and adaptive rate control. , 0, , .		1
188	A max-min fairness congestion control for streaming layered video. , 0, , .		1
189	A framework for fully automatic moving video-object segmentation based on graph partitioning. , 0, , .		1
190	A framework for fully automatic moving video-object segmentation based on graph partitioning and object tracking. , 0, , .		1
191	Generalization performance analysis of flow-based peer-to-peer traffic identification. , 2008, , .		1
192	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
193	Overcoming burst packet loss in peer-to-peer live streaming systems. , 2008, , .		1
194	Human body modeling with partial self occlusion from monocular camera. , 2008, , .		1
195	Real-time 3D pose reconstruction of human body from monocular video sequences. , 2009, , .		1
196	Latency minimized probabilistic CSMA/CA. , 2011, , .		1
197	Vehicle tracking iterative by Kalman-based constrained multiple-kernel and 3-D model-based localization. , 2013, , .		1
198	A channel reservation and preemption model using overlapping regions in sector€based cellular networks. Wireless Communications and Mobile Computing, 2015, 15, 1589-1605.	1.2	1

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199	Optimal Power Allocation and Rate Adaptation for Scalable Video over Multi-User MIMO. , 2015, , .		1
200	SUPERVISED AND UNSUPERVISED FEATURE DESCRIPTORS FOR ERROR-RESILIENT UNDERWATER LIVE FISH RECOGNITION. , 2016, , 159-173.		1
201	Association Rule Mining of Personal Hobbies in Social Networks. International Journal of Web Services Research, 2017, 14, 13-28.	0.8	1
202	Coarse-To-Fine Segmentation Refinement and Missing Shape Recovery for Halibut Fish. , 2018, , .		1
203	Normalized distance aggregation of discriminative features for person reidentification. Journal of Electronic Imaging, 2018, 27, 1.	0.9	1
204	Coarse-to-fine multiscale fusion network for single image deraining. Journal of Electronic Imaging, 2022, 31, .	0.9	1
205	Worst-case criterion for content-based error-resilient video coding. , 0, , .		0
206	From Nonlinear Optimization to Neural Network Training. , 0, , .		0
207	From artificial neural network inversion to hidden Markov model inversion: application to robust speech recognition. , 0, , .		0
208	Estimating boundary conditions of pharyngeal bolus movement by neural network inversion. , 0, , .		0
209	Fast motion estimation based on total least squares for video encoding. , 0, , .		0
210	Performance of ordered statistics decoding for robust video transmission on the WSSUS channel. , 1999, , .		0
211	Ordered statistics decoding of linear block codes on the WSSUS multipath channel. , 0, , .		0
212	A robust method of identifying and measuring fibrous cap in 3D time-of-flight MR image. , 1999, , .		0
213	Atherosclerotic blood vessel tracking and lumen segmentation in topology changes situations of MR image sequences. , 0, , .		0
214	Mapping the spatial distribution and time evolution of snow water equivalent with passive microwave measurements. , 0, , .		0
215	Application level selective drop for layered video over multicast networks. , 0, , .		0
216	Effective dissemination of scalable video and GIS information in an intelligent transportation system. , 0, , .		0

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217	A Fast Bitplane Combination Algorithm for Bitplane Coded Scalable Image/Video. , 0, , .		0
218	The Dynamics and Stability of Layered Congestion Control for Multimedia Streaming. , 0, , .		0
219	Non-Coherent Detection for SFH/BFSK Interfered by An Uncoordinated FH System. , 2007, , .		0
220	Handover Delay Reduction and Buffer-Based Data Recovery Scheme for Inter Multicast Broadcast Service Zone. , 2011, , .		0
221	Constrained multiple kernel tracking for human limbs. , 2012, , .		0
222	Optimal Power Allocation and Rate Adaptation for Scalable Video over Multi-User MIMO. , 2014, , .		0
223	Emergent Techniques and Applications for Big Visual Data. International Journal of Digital Multimedia Broadcasting, 2017, 2017, 1-2.	0.6	0
224	Inductive Embedding Learning on Attributed Heterogeneous Networks via Multi-task Sequence-to-Sequence Learning. , 2019, , .		0
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