

# Huiyu Zhou

## List of Publications by Year in descending order

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217  
papers

6,981  
citations

70961

41  
h-index

71532

76  
g-index

225  
all docs

225  
docs citations

225  
times ranked

6883  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human motion tracking for rehabilitation—A survey. <i>Biomedical Signal Processing and Control</i> , 2008, 3, 1-18.	3.5	634
2	Object tracking using SIFT features and mean shift. <i>Computer Vision and Image Understanding</i> , 2009, 113, 345-352.	3.0	496
3	Using deep neural network with small dataset to predict material defects. <i>Materials and Design</i> , 2019, 162, 300-310.	3.3	333
4	Use of multiple wearable inertial sensors in upper limb motion tracking. <i>Medical Engineering and Physics</i> , 2008, 30, 123-133.	0.8	178
5	Robust visual tracking based on online learning sparse representation. <i>Neurocomputing</i> , 2013, 100, 31-40.	3.5	169
6	Anisotropic Mean Shift Based Fuzzy C-Means Segmentation of Dermoscopy Images. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2009, 3, 26-34.	7.3	149
7	A Robust Parallel Object Tracking Method for Illumination Variations. <i>Mobile Networks and Applications</i> , 2019, 24, 5-17.	2.2	144
8	Multi-population techniques in nature inspired optimization algorithms: A comprehensive survey. <i>Swarm and Evolutionary Computation</i> , 2019, 44, 365-387.	4.5	137
9	Integration of Vision and Inertial Sensors for 3D Arm Motion Tracking in Home-based Rehabilitation. <i>International Journal of Robotics Research</i> , 2007, 26, 607-624.	5.8	130
10	Robust Visual Tracking Using Structurally Random Projection and Weighted Least Squares. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2015, 25, 1749-1760.	5.6	117
11	A sparse representation based fast detection method for surface defect detection of bottle caps. <i>Neurocomputing</i> , 2014, 123, 406-414.	3.5	115
12	Mean shift based gradient vector flow for image segmentation. <i>Computer Vision and Image Understanding</i> , 2013, 117, 1004-1016.	3.0	108
13	A Deep Convolutional Generative Adversarial Networks (DCGANs)-Based Semi-Supervised Method for Object Recognition in Synthetic Aperture Radar (SAR) Images. <i>Remote Sensing</i> , 2018, 10, 846.	1.8	107
14	Feature Analyses and Modeling of Lithium-Ion Battery Manufacturing Based on Random Forest Classification. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021, 26, 2944-2955.	3.7	103
15	Fuzzy Optimal Energy Management for Fuel Cell and Supercapacitor Systems Using Neural Network Based Driving Pattern Recognition. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 45-57.	6.5	100
16	Learning Modality-Consistency Feature Templates: A Robust RGB-Infrared Tracking System. <i>IEEE Transactions on Industrial Electronics</i> , 2019, 66, 9887-9897.	5.2	100
17	Hyperspectral Anomaly Detection via Background and Potential Anomaly Dictionaries Construction. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 2263-2276.	2.7	100
18	Spatial Sequential Recurrent Neural Network for Hyperspectral Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 4141-4155.	2.3	99

#	ARTICLE	IF	CITATIONS
19	Reducing Drifts in the Inertial Measurements of Wrist and Elbow Positions. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 575-585.	2.4	94
20	Gradient vector flow with mean shift for skin lesion segmentation. Computerized Medical Imaging and Graphics, 2011, 35, 121-127.	3.5	93
21	Spatial mixture of Gaussians for dynamic background modelling. , 2013, , .		90
22	Deep convolution network based emotion analysis towards mental health care. Neurocomputing, 2020, 388, 212-227.	3.5	84
23	Inertial measurements of upper limb motion. Medical and Biological Engineering and Computing, 2006, 44, 479-487.	1.6	79
24	Modality-correlation-aware sparse representation for RGB-infrared object tracking. Pattern Recognition Letters, 2020, 130, 12-20.	2.6	77
25	A Biologically Inspired Appearance Model for Robust Visual Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2357-2370.	7.2	76
26	A Novel Deep Structure U-Net for Sea-Land Segmentation in Remote Sensing Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3219-3232.	2.3	75
27	Perceptual Underwater Image Enhancement With Deep Learning and Physical Priors. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 3078-3092.	5.6	73
28	Nonrigid Structure-From-Motion From 2-D Images Using Markov Chain Monte Carlo. IEEE Transactions on Multimedia, 2012, 14, 168-177.	5.2	71
29	Region-based Mixture of Gaussians modelling for foreground detection in dynamic scenes. Pattern Recognition, 2015, 48, 3488-3503.	5.1	71
30	A Novel Semi-Supervised Convolutional Neural Network Method for Synthetic Aperture Radar Image Recognition. Cognitive Computation, 2021, 13, 795-806.	3.6	70
31	Transferring deep knowledge for object recognition in Low-quality underwater videos. Neurocomputing, 2018, 275, 897-908.	3.5	69
32	Recursive Autoencoders-Based Unsupervised Feature Learning for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1928-1932.	1.4	68
33	Target Detection and Tracking With Heterogeneous Sensors. IEEE Journal on Selected Topics in Signal Processing, 2008, 2, 503-513.	7.3	65
34	Enhanced Feature Pyramid Network With Deep Semantic Embedding for Remote Sensing Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 7918-7932.	2.7	64
35	An evidential fusion approach for gender profiling. Information Sciences, 2016, 333, 10-20.	4.0	61
36	PSSPR: A source location privacy protection scheme based on sector phantom routing in WSNs. International Journal of Intelligent Systems, 2022, 37, 1204-1221.	3.3	58

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37	Multifeature Hyperspectral Image Classification With Local and Nonlocal Spatial Information via Markov Random Field in Semantic Space. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 1409-1424.	2.7	56
38	Fuzzy clustering for colour reduction in images. <i>Telecommunication Systems</i> , 2009, 40, 17-25.	1.6	54
39	Visual Saliency Modeling for River Detection in High-Resolution SAR Imagery. <i>IEEE Access</i> , 2018, 6, 1000-1014.	2.6	52
40	Applications of wearable inertial sensors in estimation of upper limb movements. <i>Biomedical Signal Processing and Control</i> , 2006, 1, 22-32.	3.5	50
41	Point-to-Set Distance Metric Learning on Deep Representations for Visual Tracking. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018, 19, 187-198.	4.7	50
42	Attention Graph Convolution Network for Image Segmentation in Big SAR Imagery Data. <i>Remote Sensing</i> , 2019, 11, 2586.	1.8	49
43	Hyperspectral Unmixing via Low-Rank Representation with Space Consistency Constraint and Spectral Library Pruning. <i>Remote Sensing</i> , 2018, 10, 339.	1.8	47
44	Inertial sensors for motion detection of human upper limbs. <i>Sensor Review</i> , 2007, 27, 151-158.	1.0	43
45	Modeling Information Diffusion over Social Networks for Temporal Dynamic Prediction. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2017, 29, 1985-1997.	4.0	43
46	Dynamic Multi-Key FHE in Asymmetric Key Setting From LWE. <i>IEEE Transactions on Information Forensics and Security</i> , 2021, 16, 5239-5249.	4.5	40
47	Adaptive NormalHedge for robust visual tracking. <i>Signal Processing</i> , 2015, 110, 132-142.	2.1	38
48	A novel target detection method for SAR images based on shadow proposal and saliency analysis. <i>Neurocomputing</i> , 2017, 267, 220-231.	3.5	35
49	A Novel Active Semisupervised Convolutional Neural Network Algorithm for SAR Image Recognition. <i>Computational Intelligence and Neuroscience</i> , 2017, 2017, 1-8.	1.1	35
50	Tensor-Based Low-Rank Graph With Multimanifold Regularization for Dimensionality Reduction of Hyperspectral Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 4731-4746.	2.7	35
51	Weakly Supervised Segmentation of SAR Imagery Using Superpixel and Hierarchically Adversarial CRF. <i>Remote Sensing</i> , 2019, 11, 512.	1.8	35
52	The impact of urban morphology on urban transportation mode: A case study of Tokyo. <i>Case Studies on Transport Policy</i> , 2020, 8, 197-205.	1.1	35
53	An interactive Internet-based system for tracking upper limb motion in home-based rehabilitation. <i>Medical and Biological Engineering and Computing</i> , 2008, 46, 241-249.	1.6	34
54	Impacts of COVID-19 and anti-pandemic policies on urban transportation: an empirical study in China. <i>Transport Policy</i> , 2021, 110, 135-149.	3.4	30

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55	Siamese Local and Global Networks for Robust Face Tracking. IEEE Transactions on Image Processing, 2020, 29, 9152-9164.	6.0	28
56	Non-rigid object tracking in complex scenes. Pattern Recognition Letters, 2009, 30, 98-102.	2.6	27
57	Vehicle Detection Under UAV Based on Optimal Dense YOLO Method. , 2018, , .		27
58	Context-Aware Mouse Behavior Recognition Using Hidden Markov Models. IEEE Transactions on Image Processing, 2019, 28, 1133-1148.	6.0	27
59	SMART project: Application of emerging information and communication technology to home-based rehabilitation for stroke patients. International Journal on Disability and Human Development, 2006, 5, .	0.2	26
60	Feature extraction and clustering for dynamic video summarisation. Neurocomputing, 2010, 73, 1718-1729.	3.5	26
61	Incorporating Lambertian Priors Into Surface Normals Measurement. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	26
62	Adaptive fusion of particle filtering and spatio-temporal motion energy for human tracking. Pattern Recognition, 2014, 47, 3552-3567.	5.1	24
63	Hybrid Unmixing Based on Adaptive Region Segmentation for Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 3861-3875.	2.7	24
64	Online Non-Negative Multi-Modality Feature Template Learning for RGB-Assisted Infrared Tracking. IEEE Access, 2019, 7, 67761-67771.	2.6	24
65	Hyperspectral Anomaly Detection Based on Low-Rank Representation With Data-Driven Projection and Dictionary Construction. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2226-2239.	2.3	24
66	Self-Supervised Learning From Multi-Sensor Data for Sleep Recognition. IEEE Access, 2020, 8, 93907-93921.	2.6	24
67	Wireless Communications and Mobile Computing Blockchain-Based Trust Management in Distributed Internet of Things. Wireless Communications and Mobile Computing, 2020, 2020, 1-12.	0.8	24
68	BoMW: Bag of Manifold Words for One-Shot Learning Gesture Recognition From Kinect. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2562-2573.	5.6	23
69	Semi-Supervised Generative Adversarial Nets with Multiple Generators for SAR Image Recognition. Sensors, 2018, 18, 2706.	2.1	23
70	Evolving temporal association rules in recommender system. Neural Computing and Applications, 2019, 31, 2605-2619.	3.2	23
71	Parallel Complement Network for Real-Time Semantic Segmentation of Road Scenes. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 4432-4444.	4.7	23
72	Fuzzy C-Means Techniques for Medical Image Segmentation. Studies in Fuzziness and Soft Computing, 2009, , 257-271.	0.6	23

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73	Learning Calibrated-Guidance for Object Detection in Aerial Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 2721-2733.	2.3	23
74	Application of semantic features in face recognition. Pattern Recognition, 2008, 41, 3251-3256.	5.1	22
75	A Multipopulation-Based Multiobjective Evolutionary Algorithm. IEEE Transactions on Cybernetics, 2020, 50, 689-702.	6.2	22
76	Associated Spatio-Temporal Capsule Network for Gait Recognition. IEEE Transactions on Multimedia, 2022, 24, 846-860.	5.2	22
77	Combining Perceptual Features With Diffusion Distance for Face Recognition. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2011, 41, 577-588.	3.3	21
78	Gaussian Dynamic Convolution for Efficient Single-Image Segmentation. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2937-2948.	5.6	21
79	Multipatch Feature Pyramid Network for Weakly Supervised Object Detection in Optical Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	21
80	Relation-Attention Networks for Remote Sensing Scene Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 422-439.	2.3	21
81	Improving image segmentation by gradient vector flow and mean shift. Pattern Recognition Letters, 2008, 29, 90-95.	2.6	20
82	Level set image segmentation with Bayesian analysis. Neurocomputing, 2008, 71, 1994-2000.	3.5	20
83	Skin lesion segmentation using an improved snake model. , 2010, 2010, 1974-7.		20
84	A smart agricultural application: automated detection of diseases in vine leaves using hybrid deep learning. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2021, 45, 717-729.	0.8	20
85	Multilevel Feature Fusion Networks With Adaptive Channel Dimensionality Reduction for Remote Sensing Scene Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	20
86	Experimental Study on Shared Bike Use Behavior under Bounded Rational Theory and Credit Supervision Mechanism. Sustainability, 2019, 11, 127.	1.6	19
87	Continuous Prediction of Lower-Limb Kinematics From Multi-Modal Biomedical Signals. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2592-2602.	5.6	18
88	Anchor Retouching via Model Interaction for Robust Object Detection in Aerial Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	18
89	Classification of Upper Limb Motion Trajectories Using Shape Features. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 970-982.	3.3	17
90	Fast convergence of regularised Region-based Mixture of Gaussians for dynamic background modelling. Computer Vision and Image Understanding, 2015, 136, 45-58.	3.0	17

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91	Hierarchical residual learning for image denoising. Signal Processing: Image Communication, 2019, 76, 243-251.	1.8	17
92	Efficient tracking and ego-motion recovery using gait analysis. Signal Processing, 2009, 89, 2367-2384.	2.1	16
93	Zombie Firms and Soft Budget Constraints in the Chinese Stock Market*. Asian Economic Journal, 2020, 34, 51-77.	0.5	16
94	Travel behaviours, user characteristics, and social-economic impacts of shared transportation: a comprehensive review. International Journal of Logistics Research and Applications, 2021, 24, 51-78.	5.6	16
95	A multistage filtering technique to detect hazards on the ground plane. Pattern Recognition Letters, 2003, 24, 1453-1461.	2.6	15
96	Segmentation of optic disc in retinal images using an improved gradient vector flow algorithm. Multimedia Tools and Applications, 2010, 49, 447-462.	2.6	15
97	Patch Tensor-Based Sparse and Low-Rank Graph for Hyperspectral Images Dimensionality Reduction. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 2513-2527.	2.3	15
98	A Semi-Supervised Synthetic Aperture Radar (SAR) Image Recognition Algorithm Based on an Attention Mechanism and Bias-Variance Decomposition. IEEE Access, 2019, 7, 108617-108632.	2.6	15
99	Rotation Equivariant Feature Image Pyramid Network for Object Detection in Optical Remote Sensing Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	15
100	Review of machine vision-based electronic travel aids. , 2017, , .		13
101	A benchmark image dataset for industrial tools. Pattern Recognition Letters, 2019, 125, 341-348.	2.6	13
102	Impact of Perceived Uncertainty on Public Acceptability of Congestion Charging: An Empirical Study in China. Sustainability, 2019, 11, 129.	1.6	13
103	Insider Threat Risk Prediction based on Bayesian Network. Computers and Security, 2020, 96, 101908.	4.0	13
104	Intelligent Sensor Information System For Public Transport &#150; To Safely Go&#133;. , 2010, , .		12
105	Measurements of rainfall rates from videos. , 2017, , .		12
106	Concealed object segmentation in terahertz imaging via adversarial learning. Optik, 2019, 185, 1104-1114.	1.4	12
107	A Simple Method for Chinese License Plate Recognition Based on Support Vector Machine. , 2006, , .		11
108	Evidential event inference in transport video surveillance. Computer Vision and Image Understanding, 2016, 144, 276-297.	3.0	11

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109	Demultiplexing Colored Images for Multispectral Photometric Stereo via Deep Neural Networks. IEEE Access, 2018, 6, 30804-30818.	2.6	11
110	Multi-Source Transfer Learning for Non-Stationary Environments. , 2019, , .		11
111	A novel biologically-inspired target detection method based on saliency analysis for synthetic aperture radar (SAR) imagery. Neurocomputing, 2020, 402, 66-79.	3.5	11
112	Grayscale-Thermal Tracking via Inverse Sparse Representation-Based Collaborative Encoding. IEEE Transactions on Image Processing, 2020, 29, 3401-3415.	6.0	11
113	The impact of traffic demand management policy mix on commuter travel choices. Transport Policy, 2022, 117, 74-87.	3.4	11
114	Towards efficient registration of medical images. Computerized Medical Imaging and Graphics, 2007, 31, 374-382.	3.5	10
115	Anisotropic mean shift based fuzzy c-means segmentation of skin lesions. , 2008, , .		10
116	Rough C-means and Fuzzy Rough C-means for Colour Quantisation. Fundamenta Informaticae, 2012, 119, 113-120.	0.3	10
117	Traffic conduction analysis model with time series rule mining. Expert Systems With Applications, 2014, 41, 6524-6535.	4.4	10
118	Automatic Chinese Postal Address Block Location Using Proximity Descriptors and Cooperative Profit Random Forests. IEEE Transactions on Industrial Electronics, 2018, 65, 4401-4412.	5.2	10
119	The 6th International Conference on Biomedical Engineering and Biotechnology. Technology and Health Care, 2018, 26, 1-2.	0.5	10
120	Zebrafish Embryo Vessel Segmentation Using a Novel Dual ResUNet Model. Computational Intelligence and Neuroscience, 2019, 2019, 1-14.	1.1	10
121	Monocular Visual-IMU Odometry: A Comparative Evaluation of Descriptor-Based Methods. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2471-2484.	4.7	10
122	Perceptual image quality using dual generative adversarial network. Neural Computing and Applications, 2020, 32, 14521-14531.	3.2	10
123	Factors affecting orderly parking of dockless shared bicycles: an exploratory study. International Journal of Logistics Research and Applications, 2021, 24, 103-125.	5.6	10
124	Automated Detection and Measurement of Isolated Retinal Arterioles by a Combination of Edge Enhancement and Cost Analysis. PLoS ONE, 2014, 9, e91791.	1.1	10
125	Estimation of epipolar geometry by linear mixed-effect modelling. Neurocomputing, 2009, 72, 3881-3890.	3.5	9
126	C2DAN: An Improved Deep Adaptation Network with Domain Confusion and Classifier Adaptation. Sensors, 2020, 20, 3606.	2.1	9

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127	A Novel Semantics-Preserving Hashing for Fine-Grained Image Retrieval. IEEE Access, 2020, 8, 26199-26209.	2.6	9
128	Feature extraction for speech and music discrimination. , 2008, , .		8
129	Mean Shift and Its Application in Image Segmentation. Studies in Computational Intelligence, 2011, , 291-312.	0.7	8
130	Radial Basis Function Kernel Parameter Optimization Algorithm in Support Vector Machine Based on Segmented Dichotomy. , 2018, , .		8
131	Understanding peak avoidance commuting by subway: an empirical study in Beijing. International Journal of Logistics Research and Applications, 2018, 21, 597-613.	5.6	8
132	Segmenting Oil Spills from Blurry Images Based on Alternating Direction Method of Multipliers. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 1858-1873.	2.3	8
133	Spatiotemporal traffic network analysis: technology and applications. Knowledge and Information Systems, 2019, 60, 25-61.	2.1	8
134	Privacy-Aware Secure Anonymous Communication Protocol in CPSS Cloud Computing. IEEE Access, 2020, 8, 62660-62669.	2.6	8
135	Time Related Association Rules Mining with Attributes Accumulation Mechanism and its Application to Traffic Prediction. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2008, 12, 467-478.	0.5	8
136	Anchor-Free SAR Ship Instance Segmentation With Centroid-Distance Based Loss. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 11352-11371.	2.3	8
137	BacklitNet: A dataset and network for backlit image enhancement. Computer Vision and Image Understanding, 2022, 218, 103403.	3.0	8
138	Audiovisual Tracking Using STAC Sensors. , 2007, , .		7
139	A new family of order-statistics based switching vector filters. , 2010, , .		7
140	Human Detection Under UAV: an Improved Faster R-CNN Approach. , 2018, , .		7
141	Commuter value perceptions in peak avoidance behavior: An empirical study in the Beijing subway system. Transportation Research, Part A: Policy and Practice, 2020, 139, 70-84.	2.0	7
142	Adversarial-Based Domain Adaptation Networks for Unsupervised Tumour Detection in Histopathology. , 2020, , .		7
143	Machine Learning for Medical Applications. Scientific World Journal, The, 2015, 2015, 1-1.	0.8	6
144	Smartphone-Based Human Activity Recognition Using CNN in Frequency Domain. Lecture Notes in Computer Science, 2018, , 101-110.	1.0	6

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145	A Novel Separability Objective Function in CNN for Feature Extraction of SAR Images. Chinese Journal of Electronics, 2019, 28, 423-429.	0.7	6
146	SU-Net and DU-Net Fusion for Tumour Segmentation in Histopathology Images. , 2020, , .		6
147	An Overview of Fuzzy C-Means Based Image Clustering Algorithms. Studies in Computational Intelligence, 2009, , 295-310.	0.7	5
148	Human Localization in a Cluttered Space Using Multiple Cameras. , 2010, , .		5
149	Modeling and representing events in multimedia. , 2011, , .		5
150	A Method for Color Calibration Based on Simulated Annealing Optimization. , 2016, , .		5
151	Short-Time Velocity Identification and Coherent-Like Detection of Ultrahigh Speed Targets. IEEE Transactions on Signal Processing, 2018, 66, 4811-4825.	3.2	5
152	Railway Passenger Flow Forecast Based on Hybrid PVAR-NN Model. , 2020, , .		5
153	Texture synthesis quality assessment using perceptual texture similarity. Knowledge-Based Systems, 2020, 194, 105591.	4.0	5
154	Wallpaper Texture Generation and Style Transfer Based on Multi-Label Semantics. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1552-1563.	5.6	5
155	An Efficient Anonymous Communication Scheme to Protect the Privacy of the Source Node Location in the Internet of Things. Security and Communication Networks, 2021, 2021, 1-16.	1.0	5
156	Content Based Image Retrieval and Clustering: A Brief Survey. Recent Patents on Electrical Engineering, 2009, 2, 187-199.	0.4	5
157	RECOVERY OF NONRIGID STRUCTURES FROM 2D OBSERVATIONS. International Journal of Pattern Recognition and Artificial Intelligence, 2008, 22, 279-294.	0.7	4
158	Evidence Reasoning for Event Inference in Smart Transport Video Surveillance. , 2014, , .		4
159	Low-rank representation based action recognition. , 2014, , .		4
160	“Signal, image and video processing” special issue: Semantic representations for social behavior analysis in video surveillance systems. Signal, Image and Video Processing, 2014, 8, 73-74.	1.7	4
161	Hierarchical Task Network planning with common-sense reasoning for multiple-people behaviour analysis. Expert Systems With Applications, 2017, 69, 118-134.	4.4	4
162	Spectral Illumination Correction: Achieving Relative Color Constancy Under the Spectral Domain. , 2018, , .		4

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163	Merging Neurons for Structure Compression of Deep Networks. , 2018, , .		4
164	Cross-layer access control in publish/subscribe middleware over software-defined networks. Computer Communications, 2019, 134, 1-13.	3.1	4
165	Using Jaccard Distance Measure for Unsupervised Activity Recognition with Smartphone Accelerometers. Lecture Notes in Computer Science, 2017, , 74-83.	1.0	4
166	Rough Image Colour Quantisation. Lecture Notes in Computer Science, 2009, , 217-222.	1.0	4
167	Multi-scale Colorectal Tumour Segmentation Using a Novel Coarse to Fine Strategy. , 2016, , .		4
168	GNSS TEC-Based Earthquake Ionospheric Perturbation Detection Using a Novel Deep Learning Framework. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4248-4263.	2.3	4
169	IMAGE RESTORATION AND DETAIL PRESERVATION BY BAYESIAN ESTIMATION. International Journal of Image and Graphics, 2007, 07, 497-514.	1.2	3
170	Automatic human face detection for content-based image annotation. , 2008, , .		3
171	MBFP generalized association rule mining and classification in traffic volume prediction. IEEJ Transactions on Electrical and Electronic Engineering, 2011, 6, 457-467.	0.8	3
172	Pixel-wise Illumination Correction Algorithms for Relative Color Constancy Under the Spectral Domain. , 2018, , .		3
173	A survey on computer vision techniques for detecting facial features towards the early diagnosis of mild cognitive impairment in the elderly. Systems Science and Control Engineering, 2019, 7, 252-263.	1.8	3
174	Clutter Suppression for Wideband Radar STAP. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	2.7	3
175	Guest Editorial: Medical Data Security Solution for Healthcare Industries. IEEE Transactions on Industrial Informatics, 2022, , 1-1.	7.2	3
176	KLPPS: A k-Anonymous Location Privacy Protection Scheme via Dummies and Stackelberg Game. Security and Communication Networks, 2021, 2021, 1-15.	1.0	3
177	A hybrid framework for image segmentation. , 0, , .		2
178	Speech Enhancement in Noisy Environments for Video Retrieval. , 2008, , .		2
179	Robust estimation of the fundamental matrix. , 2010, , .		2
180	RFID network deployment approaches for indoor localisation. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
181	The study on zombie firms in China using modified FN-CHK method. , 2017, , .		2
182	Asymmetric filtering-based dense convolutional neural network for person re-identification combined with Joint Bayesian and re-ranking. Journal of Visual Communication and Image Representation, 2018, 57, 262-271.	1.7	2
183	Score-specific Non-maximum Suppression and Coexistence Prior for Multi-scale Face Detection. , 2019, , .		2
184	A Novel Semi-Supervised Learning Method Based on Fast Search and Density Peaks. Complexity, 2019, 2019, 1-23.	0.9	2
185	Cascaded one-vs-rest detection network for fine-grained recognition without part annotations. Multimedia Tools and Applications, 2019, 78, 4381-4395.	2.6	2
186	RoadSeg-CD: A Network With Connectivity Array and Direction Map for Road Extraction From SAR Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 3992-4003.	2.3	2
187	Image quantification of high-throughput tissue microarray. , 2006, 6143, 509.		1
188	3D Inference and Modelling for Video Retrieval. , 2008, , .		1
189	Bayesian image segmentation with mean shift. , 2009, , .		1
190	3-D structure recovery from 2-D observations. , 2009, , .		1
191	Object trajectory clustering via tensor analysis. , 2009, , .		1
192	Can Mean Shift Trackers Perform Better?. , 2010, , .		1
193	An improved incremental online training algorithm for reducing the influence of muscle fatigue in sEMG based HMI. , 2012, , .		1
194	Adaptive Bacteria Colony Picking in Unstructured Environments Using Intensity Histogram and Unascertained LS-SVM Classifier. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	1
195	Regularised region-based Mixture of Gaussians for dynamic background modelling. , 2014, , .		1
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