

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	Detecting and Tracking of Multiple Mice Using Part Proposal Networks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9806-9820.	7.2	1
2	Parallel Complement Network for Real-Time Semantic Segmentation of Road Scenes. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 4432-4444.	4.7	23
3	Gaussian Dynamic Convolution for Efficient Single-Image Segmentation. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2937-2948.	5.6	21
4	Associated Spatio-Temporal Capsule Network for Gait Recognition. IEEE Transactions on Multimedia, 2022, 24, 846-860.	5.2	22
5	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
6	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
7	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
8	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
9	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
10	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
11	Clutter Suppression for Wideband Radar STAP. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	2.7	3
12	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
13	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
14	The impact of traffic demand management policy mix on commuter travel choices. Transport Policy, 2022, 117, 74-87.	3.4	11
15	Guest Editorial: Medical Data Security Solution for Healthcare Industries. IEEE Transactions on Industrial Informatics, 2022, , 1-1.	7.2	3
16	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
17	BacklitNet: A dataset and network for backlit image enhancement. Computer Vision and Image Understanding, 2022, 218, 103403.	3.0	8
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Dropout-Based Adversarial Training Networks for Remote Sensing Scene Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	1
21	A Novel Semi-Supervised Convolutional Neural Network Method for Synthetic Aperture Radar Image Recognition. Cognitive Computation, 2021, 13, 795-806.	3.6	70
22	A route planning mechanism for supermarket shuttle service based on taxi traces. Research in Transportation Business and Management, 2021, 38, 100502.	1.6	0
23	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
24	Incorporating Lambertian Priors Into Surface Normals Measurement. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	26
25	Feature Analyses and Modeling of Lithium-Ion Battery Manufacturing Based on Random Forest Classification. IEEE/ASME Transactions on Mechatronics, 2021, 26, 2944-2955.	3.7	103
26	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
27	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
28	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
29	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
30	Impacts of COVID-19 and anti-pandemic policies on urban transport—an empirical study in China. Transport Policy, 2021, 110, 135-149.	3.4	30
31	Editorial: Special TRF issue on Sustainable Transport. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 82, 187-189.	1.8	0
32	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
33	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
34	Dynamic Multi-Key FHE in Asymmetric Key Setting From LWE. IEEE Transactions on Information Forensics and Security, 2021, 16, 5239-5249.	4.5	40
35	KLPPS: A k -Anonymous Location Privacy Protection Scheme via Dummies and Stackelberg Game. Security and Communication Networks, 2021, 2021, 1-15.	1.0	3
36	A Multipopulation-Based Multiobjective Evolutionary Algorithm. IEEE Transactions on Cybernetics, 2020, 50, 689-702.	6.2	22

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37	Modality-correlation-aware sparse representation for RGB-infrared object tracking. Pattern Recognition Letters, 2020, 130, 12-20.	2.6	77
38	Monocular Visual-IMU Odometry: A Comparative Evaluation of Descriptor-Based Methods. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2471-2484.	4.7	10
39	Perceptual image quality using dual generative adversarial network. Neural Computing and Applications, 2020, 32, 14521-14531.	3.2	10
40	The impact of urban morphology on urban transportation mode: A case study of Tokyo. Case Studies on Transport Policy, 2020, 8, 197-205.	1.1	35
41	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
42	Siamese Local and Global Networks for Robust Face Tracking. IEEE Transactions on Image Processing, 2020, 29, 9152-9164.	6.0	28
43	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
44	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
45	Multiple Morphological Constraints-Based Complex Gland Segmentation in Colorectal Cancer Pathology Image Analysis. Complexity, 2020, 2020, 1-16.	0.9	1
46	Railway Passenger Flow Forecast Based on Hybrid PVAR-NN Model. , 2020, , .		5
47	Self-Supervised Learning From Multi-Sensor Data for Sleep Recognition. IEEE Access, 2020, 8, 93907-93921.	2.6	24
48	Insider Threat Risk Prediction based on Bayesian Network. Computers and Security, 2020, 96, 101908.	4.0	13
49	Adversarial-Based Domain Adaptation Networks for Unsupervised Tumour Detection in Histopathology. , 2020, , .		7
50	Zombie Firms and Soft Budget Constraints in the Chinese Stock Market*. Asian Economic Journal, 2020, 34, 51-77.	0.5	16
51	C2DAN: An Improved Deep Adaptation Network with Domain Confusion and Classifier Adaptation. Sensors, 2020, 20, 3606.	2.1	9
52	A Novel Semantics-Preserving Hashing for Fine-Grained Image Retrieval. IEEE Access, 2020, 8, 26199-26209.	2.6	9
53	Deep convolution network based emotion analysis towards mental health care. Neurocomputing, 2020, 388, 212-227.	3.5	84
54	Grayscale-Thermal Tracking via Inverse Sparse Representation-Based Collaborative Encoding. IEEE Transactions on Image Processing, 2020, 29, 3401-3415.	6.0	11

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55	Texture synthesis quality assessment using perceptual texture similarity. Knowledge-Based Systems, 2020, 194, 105591.	4.0	5
56	Privacy-Aware Secure Anonymous Communication Protocol in CPSS Cloud Computing. IEEE Access, 2020, 8, 62660-62669.	2.6	8
57	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
58	SU-Net and DU-Net Fusion for Tumour Segmentation in Histopathology Images. , 2020, , .		6
59	Spatiotemporal traffic network analysis: technology and applications. Knowledge and Information Systems, 2019, 60, 25-61.	2.1	8
60	Fuzzy Optimal Energy Management for Fuel Cell and Supercapacitor Systems Using Neural Network Based Driving Pattern Recognition. IEEE Transactions on Fuzzy Systems, 2019, 27, 45-57.	6.5	100
61	Multi-Source Transfer Learning for Non-Stationary Environments. , 2019, , .		11
62	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
63	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
64	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
65	Online Non-Negative Multi-Modality Feature Template Learning for RGB-Assisted Infrared Tracking. IEEE Access, 2019, 7, 67761-67771.	2.6	24
66	Concealed object segmentation in terahertz imaging via adversarial learning. Optik, 2019, 185, 1104-1114.	1.4	12
67	A benchmark image dataset for industrial tools. Pattern Recognition Letters, 2019, 125, 341-348.	2.6	13
68	Hierarchical residual learning for image denoising. Signal Processing: Image Communication, 2019, 76, 243-251.	1.8	17
69	Score-specific Non-maximum Suppression and Coexistence Prior for Multi-scale Face Detection. , 2019, , .		2
70	A Novel Semi-Supervised Learning Method Based on Fast Search and Density Peaks. Complexity, 2019, 2019, 1-23.	0.9	2
71	Editorial: Neural learning in life system and energy system. Neurocomputing, 2019, 344, 1-2.	3.5	0
72	Weakly Supervised Segmentation of SAR Imagery Using Superpixel and Hierarchically Adversarial CRF. Remote Sensing, 2019, 11, 512.	1.8	35

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73	Impact of Perceived Uncertainty on Public Acceptability of Congestion Charging: An Empirical Study in China. Sustainability, 2019, 11, 129.	1.6	13
74	Experimental Study on Shared Bike Use Behavior under Bounded Rational Theory and Credit Supervision Mechanism. Sustainability, 2019, 11, 127.	1.6	19
75	Zebrafish Embryo Vessel Segmentation Using a Novel Dual ResUNet Model. Computational Intelligence and Neuroscience, 2019, 2019, 1-14.	1.1	10
76	Learning Modality-Consistency Feature Templates: A Robust RGB-Infrared Tracking System. IEEE Transactions on Industrial Electronics, 2019, 66, 9887-9897.	5.2	100
77	A Novel Separability Objective Function in CNN for Feature Extraction of SAR Images. Chinese Journal of Electronics, 2019, 28, 423-429.	0.7	6
78	Attention Graph Convolution Network for Image Segmentation in Big SAR Imagery Data. Remote Sensing, 2019, 11, 2586.	1.8	49
79	Using deep neural network with small dataset to predict material defects. Materials and Design, 2019, 162, 300-310.	3.3	333
80	Context-Aware Mouse Behavior Recognition Using Hidden Markov Models. IEEE Transactions on Image Processing, 2019, 28, 1133-1148.	6.0	27
81	Cross-layer access control in publish/subscribe middleware over software-defined networks. Computer Communications, 2019, 134, 1-13.	3.1	4
82	A Robust Parallel Object Tracking Method for Illumination Variations. Mobile Networks and Applications, 2019, 24, 5-17.	2.2	144
83	Hyperspectral Anomaly Detection via Background and Potential Anomaly Dictionaries Construction. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2263-2276.	2.7	100
84	Evolving temporal association rules in recommender system. Neural Computing and Applications, 2019, 31, 2605-2619.	3.2	23
85	Cascaded one-vs-rest detection network for fine-grained recognition without part annotations. Multimedia Tools and Applications, 2019, 78, 4381-4395.	2.6	2
86	Multi-population techniques in nature inspired optimization algorithms: A comprehensive survey. Swarm and Evolutionary Computation, 2019, 44, 365-387.	4.5	137
87	Special Section Guest Editorial: Advances in Deep Learning for Hyperspectral Image Analysis and Classification. Journal of Applied Remote Sensing, 2019, 13, 1.	0.6	0
88	Point-to-Set Distance Metric Learning on Deep Representations for Visual Tracking. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 187-198.	4.7	50
89	Multifeature Hyperspectral Image Classification With Local and Nonlocal Spatial Information via Markov Random Field in Semantic Space. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1409-1424.	2.7	56
90	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

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91	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
92	Transferring deep knowledge for object recognition in Low-quality underwater videos. Neurocomputing, 2018, 275, 897-908.	3.5	69
93	Spectral Illumination Correction: Achieving Relative Color Constancy Under the Spectral Domain. , 2018, , .		4
94	Pixel-wise Illumination Correction Algorithms for Relative Color Constancy Under the Spectral Domain. , 2018, , .		3
95	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
96	The 6th International Conference on Biomedical Engineering and Biotechnology. Technology and Health Care, 2018, 26, 1-2.	0.5	10
97	Single-Shot Sub-Nyquist RF Signal Reconstruction Based on Deep Learning Network. , 2018, , .		1
98	Vehicle Detection Under UAV Based on Optimal Dense YOLO Method. , 2018, , .		27
99	Radial Basis Function Kernel Parameter Optimization Algorithm in Support Vector Machine Based on Segmented Dichotomy. , 2018, , .		8
100	Human Detection Under UAV: an Improved Faster R-CNN Approach. , 2018, , .		7
101	Merging Neurons for Structure Compression of Deep Networks. , 2018, , .		4
102	Incentive-driven attacker for corrupting two-party protocols. Soft Computing, 2018, 22, 7733-7740.	2.1	0
103	Smartphone-Based Human Activity Recognition Using CNN in Frequency Domain. Lecture Notes in Computer Science, 2018, , 101-110.	1.0	6
104	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
105	Hybrid Unmixing Based on Adaptive Region Segmentation for Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 3861-3875.	2.7	24
106	Tensor-Based Low-Rank Graph With Multimanifold Regularization for Dimensionality Reduction of Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4731-4746.	2.7	35
107	Spatial Sequential Recurrent Neural Network for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4141-4155.	2.3	99
108	Demultiplexing Colored Images for Multispectral Photometric Stereo via Deep Neural Networks. IEEE Access, 2018, 6, 30804-30818.	2.6	11

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109	Hyperspectral Unmixing via Low-Rank Representation with Space Consistency Constraint and Spectral Library Pruning. Remote Sensing, 2018, 10, 339.	1.8	47
110	A Deep Convolutional Generative Adversarial Networks (DCGANs)-Based Semi-Supervised Method for Object Recognition in Synthetic Aperture Radar (SAR) Images. Remote Sensing, 2018, 10, 846.	1.8	107
111	Semi-Supervised Generative Adversarial Nets with Multiple Generators for SAR Image Recognition. Sensors, 2018, 18, 2706.	2.1	23
112	Short-Time Velocity Identification and Coherent-Like Detection of Ultrahigh Speed Targets. IEEE Transactions on Signal Processing, 2018, 66, 4811-4825.	3.2	5
113	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
114	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
115	Visual Saliency Modeling for River Detection in High-Resolution SAR Imagery. IEEE Access, 2018, 6, 1000-1014.	2.6	52
116	Modeling Information Diffusion over Social Networks for Temporal Dynamic Prediction. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1985-1997.	4.0	43
117	A novel target detection method for SAR images based on shadow proposal and saliency analysis. Neurocomputing, 2017, 267, 220-231.	3.5	35
118	A Novel Segmentation Framework Using Sparse Random Feature in Histology Images of Colon Cancer. Communications in Computer and Information Science, 2017, , 173-180.	0.4	0
119	A Biologically Inspired Appearance Model for Robust Visual Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2357-2370.	7.2	76
120	Hierarchical Task Network planning with common-sense reasoning for multiple-people behaviour analysis. Expert Systems With Applications, 2017, 69, 118-134.	4.4	4
121	Review of machine vision-based electronic travel aids. , 2017, , .		13
122	Recursive Autoencoders-Based Unsupervised Feature Learning for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1928-1932.	1.4	68
123	The study on zombie firms in China using modified FN-CHK method. , 2017, , .		2
124	Measurements of rainfall rates from videos. , 2017, , .		12
125	Perceptual texture similarity learning using deep neural networks. , 2017, , .		1
126	Uncertainty Management in Smart Environment. Mathematical Problems in Engineering, 2017, 2017, 1-2.	0.6	0

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127	A Novel Active Semisupervised Convolutional Neural Network Algorithm for SAR Image Recognition. Computational Intelligence and Neuroscience, 2017, 2017, 1-8.	1.1	35
128	Using Jaccard Distance Measure for Unsupervised Activity Recognition with Smartphone Accelerometers. Lecture Notes in Computer Science, 2017, , 74-83.	1.0	4
129	Automatic Measurement of Blood Vessel Angles in Immunohistochemical Images of Liver Cancer. Communications in Computer and Information Science, 2017, , 162-172.	0.4	0
130	Evidential event inference in transport video surveillance. Computer Vision and Image Understanding, 2016, 144, 276-297.	3.0	11
131	Editorial: Special issue: Life system modeling and simulation. Neurocomputing, 2016, 174, 454-455.	3.5	0
132	A Method for Color Calibration Based on Simulated Annealing Optimization. , 2016, , .		5
133	An evidential fusion approach for gender profiling. Information Sciences, 2016, 333, 10-20.	4.0	61
134	Multi-scale Colorectal Tumour Segmentation Using a Novel Coarse to Fine Strategy. , 2016, , .		4
135	Machine Learning for Medical Applications. Scientific World Journal, The, 2015, 2015, 1-1.	0.8	6
136	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
137	RFID network deployment approaches for indoor localisation. , 2015, , .		2
138	Adaptive NormalHedge for robust visual tracking. Signal Processing, 2015, 110, 132-142.	2.1	38
139	Robust Visual Tracking Using Structurally Random Projection and Weighted Least Squares. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 1749-1760.	5.6	117
140	Region-based Mixture of Gaussians modelling for foreground detection in dynamic scenes. Pattern Recognition, 2015, 48, 3488-3503.	5.1	71
141	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
142	Evidence Reasoning for Event Inference in Smart Transport Video Surveillance. , 2014, , .		4
143	Low-rank representation based action recognition. , 2014, , .		4
144	Traffic conduction analysis model with time series rule mining. Expert Systems With Applications, 2014, 41, 6524-6535.	4.4	10

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145	A sparse representation based fast detection method for surface defect detection of bottle caps. <i>Neurocomputing</i> , 2014, 123, 406-414.	3.5	115
146	Regularised region-based Mixture of Gaussians for dynamic background modelling. , 2014, , .		1
147	Signal, image and video processing special issue: Semantic representations for social behavior analysis in video surveillance systems. <i>Signal, Image and Video Processing</i> , 2014, 8, 73-74.	1.7	4
148	Adaptive fusion of particle filtering and spatio-temporal motion energy for human tracking. <i>Pattern Recognition</i> , 2014, 47, 3552-3567.	5.1	24
149	Bacterial foraging algorithm-based optimisation for controlling conditioner temperature of a ring die granulator. <i>International Journal of Modelling, Identification and Control</i> , 2014, 22, 357.	0.2	0
150	Automated Detection and Measurement of Isolated Retinal Arterioles by a Combination of Edge Enhancement and Cost Analysis. <i>PLoS ONE</i> , 2014, 9, e91791.	1.1	10
151	A Fast Detection Method for Bottle Caps Surface Defect Based on Sparse Representation. <i>Communications in Computer and Information Science</i> , 2013, , 76-84.	0.4	0
152	Spatial mixture of Gaussians for dynamic background modelling. , 2013, , .		90
153	Robust visual tracking based on online learning sparse representation. <i>Neurocomputing</i> , 2013, 100, 31-40.	3.5	169
154	Mean shift based gradient vector flow for image segmentation. <i>Computer Vision and Image Understanding</i> , 2013, 117, 1004-1016.	3.0	108
155	Classification of Upper Limb Motion Trajectories Using Shape Features. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2012, 42, 970-982.	3.3	17
156	Rough C-means and Fuzzy Rough C-means for Colour Quantisation. <i>Fundamenta Informaticae</i> , 2012, 119, 113-120.	0.3	10
157	An improved incremental online training algorithm for reducing the influence of muscle fatigue in sEMG based HMI. , 2012, , .		1
158	Nonrigid Structure-From-Motion From 2-D Images Using Markov Chain Monte Carlo. <i>IEEE Transactions on Multimedia</i> , 2012, 14, 168-177.	5.2	71
159	Mean Shift and Its Application in Image Segmentation. <i>Studies in Computational Intelligence</i> , 2011, , 291-312.	0.7	8
160	Combining Perceptual Features With Diffusion Distance for Face Recognition. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2011, 41, 577-588.	3.3	21
161	Multi-camera detection association for 3D localisation. , 2011, , .		0
162	MBFP generalized association rule mining and classification in traffic volume prediction. <i>IEEE Transactions on Electrical and Electronic Engineering</i> , 2011, 6, 457-467.	0.8	3

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163	Gradient vector flow with mean shift for skin lesion segmentation. Computerized Medical Imaging and Graphics, 2011, 35, 121-127.	3.5	93
164	Modeling and representing events in multimedia. , 2011, , .		5
165	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
166	Reducing Drifts in the Inertial Measurements of Wrist and Elbow Positions. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 575-585.	2.4	94
167	Feature extraction and clustering for dynamic video summarisation. Neurocomputing, 2010, 73, 1718-1729.	3.5	26
168	Intelligent Sensor Information System For Public Transport – To Safely Go…, , 2010, , .		12
169	A new family of order-statistics based switching vector filters. , 2010, , .		7
170	An improved gradient vector flow algorithm for optic disc segmentation. , 2010, 2010, 4793-6.		0
171	Obstacle Detection Using Cross-Ratio andÂDisparity Velocity. Advanced Information and Knowledge Processing, 2010, , 117-141.	0.2	0
172	Robust estimation of the fundamental matrix. , 2010, , .		2
173	Skin lesion segmentation using an improved snake model. , 2010, 2010, 1974-7.		20
174	Can Mean Shift Trackers Perform Better?. , 2010, , .		1
175	Human Localization in a Cluttered Space Using Multiple Cameras. , 2010, , .		5
176	Bayesian image segmentation with mean shift. , 2009, , .		1
177	3-D structure recovery from 2-D observations. , 2009, , .		1
178	An Overview of Fuzzy C-Means Based Image Clustering Algorithms. Studies in Computational Intelligence, 2009, , 295-310.	0.7	5
179	Object trajectory clustering via tensor analysis. , 2009, , .		1
180	Estimation of epipolar geometry by linear mixed-effect modelling. Neurocomputing, 2009, 72, 3881-3890.	3.5	9

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181	Anisotropic Mean Shift Based Fuzzy C-Means Segmentation of Dermoscopy Images. IEEE Journal on Selected Topics in Signal Processing, 2009, 3, 26-34.	7.3	149
182	Fuzzy clustering for colour reduction in images. Telecommunication Systems, 2009, 40, 17-25.	1.6	54
183	Non-rigid object tracking in complex scenes. Pattern Recognition Letters, 2009, 30, 98-102.	2.6	27
184	Efficient tracking and ego-motion recovery using gait analysis. Signal Processing, 2009, 89, 2367-2384.	2.1	16
185	Object tracking using SIFT features and mean shift. Computer Vision and Image Understanding, 2009, 113, 345-352.	3.0	496
186	Fuzzy C-Means Techniques for Medical Image Segmentation. Studies in Fuzziness and Soft Computing, 2009, , 257-271.	0.6	23
187	Rough Image Colour Quantisation. Lecture Notes in Computer Science, 2009, , 217-222.	1.0	4
188	Content Based Image Retrieval and Clustering: A Brief Survey. Recent Patents on Electrical Engineering, 2009, 2, 187-199.	0.4	5
189	Effective and Efficient Tracking and Ego-Motion Recovery for Mobile Cameras. Lecture Notes in Computer Science, 2009, , 345-350.	1.0	0
190	An interactive Internet-based system for tracking upper limb motion in home-based rehabilitation. Medical and Biological Engineering and Computing, 2008, 46, 241-249.	1.6	34
191	Use of multiple wearable inertial sensors in upper limb motion tracking. Medical Engineering and Physics, 2008, 30, 123-133.	0.8	178
192	Application of semantic features in face recognition. Pattern Recognition, 2008, 41, 3251-3256.	5.1	22
193	Human motion tracking for rehabilitationâ€™A survey. Biomedical Signal Processing and Control, 2008, 3, 1-18.	3.5	634
194	Improving image segmentation by gradient vector flow and mean shift. Pattern Recognition Letters, 2008, 29, 90-95.	2.6	20
195	Target Detection and Tracking With Heterogeneous Sensors. IEEE Journal on Selected Topics in Signal Processing, 2008, 2, 503-513.	7.3	65
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