

Yen-Wei Chen

List of Publications by Year in descending order

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258
papers

3,055
citations

304743

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264
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264
times ranked

1968
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutual Information-Based Graph Co-Attention Networks for Multimodal Prior-Guided Magnetic Resonance Imaging Segmentation. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2512-2526.	8.3	9
2	DeepRecS: From RECIST Diameters to Precise Liver Tumor Segmentation. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 614-625.	6.3	10
3	Sparse Modeling in Analysis for Multidisciplinary Medical Data. , 2022, , 283-286.		0
4	Hyperspectral Image Reconstruction Using Multi-scale Fusion Learning. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-21.	4.3	2
5	Automatic Segmentation of Infant Brain Ventricles with Hydrocephalus in MRI Based on Deep Multi-path Learning. , 2022, , .		2
6	Identification of Peritonitis Using Two-Stream Deep Spatial-Temporal Convolutional Networks. , 2022, , .		1
7	tensorGSEA: Detecting Differential Pathways in Type 2 Diabetes via Tensor-Based Data Reconstruction. Interdisciplinary Sciences, Computational Life Sciences, 2022, 14, 520-531.	3.6	2
8	Prediction of Therapy Response in Patients with NSCLC based on CT Images. , 2022, , .		1
9	Computer-aided Diagnosis of Peritonitis Using Two-Stream Attention Deep Convolutional Network. , 2022, , .		0
10	CoSTHR: A Heart Rate Estimating Network With Adaptive Color Space Transformation. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	4.7	6
11	Pixel-Level and Affinity-Level Knowledge Distillation for Unsupervised Segmentation of Covid-19 Lesions. , 2022, , .		0
12	Unsupervised Domain Adaptation with Adversarial Learning for Liver Tumors Detection in Multi-phase CT Images. Smart Innovation, Systems and Technologies, 2022, , 149-159.	0.6	1
13	A Cascade of 2.5D CNN and Bidirectional CLSTM Network for Mitotic Cell Detection in 4D Microscopy Image. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 396-404.	3.0	9
14	BG-Net: Boundary-Guided Network for Lung Segmentation on Clinical CT Images. , 2021, , .		5
15	LogoNet: Layer-Aggregated Attention CenterNet for Logo Detection. , 2021, , .		7
16	Case Discrimination: Self-supervised Feature Learning for the Classification of Focal Liver Lesions. Smart Innovation, Systems and Technologies, 2021, , 241-249.	0.6	4
17	Automated Retrieval of Focal Liver Lesions in Multi-phase CT Images Using Tensor Sparse Representation. Smart Innovation, Systems and Technologies, 2021, , 217-227.	0.6	0
18	Medical Image Segmentation With Deep Atlas Prior. IEEE Transactions on Medical Imaging, 2021, 40, 3519-3530.	8.9	23

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19	Accurate and fast mitotic detection using an anchor-free method based on full-scale connection with recurrent deep layer aggregation in 4D microscopy images. BMC Bioinformatics, 2021, 22, 91.	2.6	1
20	PAResSeg: A phase attention residual network for liver tumor segmentation from multiphase CT images. Medical Physics, 2021, 48, 3752-3766.	3.0	30
21	Graph-Based Pyramid Global Context Reasoning With a Saliency-Aware Projection for Covid-19 Lung Infections Segmentation. , 2021, , .		13
22	Integration of CNN, CBMIR, and Visualization Techniques for Diagnosis and Quantification of Covid-19 Disease. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1873-1880.	6.3	9
23	Joint Extraction of Retinal Vessels and Centerlines Based on Deep Semantics and Multi-Scaled Cross-Task Aggregation. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2722-2732.	6.3	12
24	Attention-RefNet: Interactive Attention Refinement Network for Infected Area Segmentation of COVID-19. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2363-2373.	6.3	16
25	Reducing reconstruction error of classified textural patches by integration of random forests and coupled dictionary nonlinear regressors: with applications to super-resolution of abdominal CT images. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 1469-1480.	2.8	1
26	Multi-Modal Adaptive Fusion Transformer Network for the Estimation of Depression Level. Sensors, 2021, 21, 4764.	3.8	21
27	M-DFNet. , 2021, , .		1
28	A Tensor Sparse Representation-Based CBMIR System for Computer-Aided Diagnosis of Focal Liver Lesions and its Pilot Trial. , 2021, , .		1
29	A Teacher-Student Learning Based On Composed Ground-Truth Images For Accurate Cephalometric Landmark Detection. , 2021, , .		1
30	Longitudinal Prediction of Infant MR Images With Multi-Contrast Perceptual Adversarial Learning. Frontiers in Neuroscience, 2021, 15, 653213.	2.8	4
31	IDH Mutation Status Prediction by Modality-Self Attention Network. Smart Innovation, Systems and Technologies, 2021, , 51-57.	0.6	2
32	Patch-Free 3D Medical Image Segmentation Driven by Super-Resolution Technique and Self-Supervised Guidance. Lecture Notes in Computer Science, 2021, , 131-141.	1.3	9
33	Content-Based Retrieval of Focal Liver Lesions Using Geometrical and Textural Features of Multi-Phase CT-Scan Images. Smart Innovation, Systems and Technologies, 2021, , 251-263.	0.6	1
34	Genotype-Guided Radiomics Signatures for Recurrence Prediction of Non-Small Cell Lung Cancer. IEEE Access, 2021, 9, 90244-90254.	4.2	15
35	Parallel-Connected Residual Channel Attention Network for Remote Sensing Image Super-Resolution. Lecture Notes in Computer Science, 2021, , 18-30.	1.3	2
36	Automatic Detection and Segmentation of Liver Tumors in Multi-phase CT Images by Phase Attention Mask R-CNN. , 2021, , .		11

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37	VolumeNet: A Lightweight Parallel Network for Super-Resolution of MR and CT Volumetric Data. IEEE Transactions on Image Processing, 2021, 30, 4840-4854.	9.8	33
38	Single Image Depth Map Estimation for Improving Posture Recognition. IEEE Sensors Journal, 2021, 21, 26997-27004.	4.7	9
39	Multi-Scale Context Interaction Learning network for Medical Image Segmentation. , 2021, , .		0
40	LogoNet: A Robust Layer-Aggregated Dual-Attention Anchorfree Logo Detection Framework with an Adversarial Domain Adaptation Approach. Applied Sciences (Switzerland), 2021, 11, 9622.	2.5	6
41	An Improved Conditional Generative Adversarial Network for Translating Depth Image from Color Image and Accurate Hand Gesture Recognition. , 2021, , .		0
42	Simulation of Facial Palsy using Conditional Generative Adversarial Networks and Face Shape Normalization. , 2021, , .		1
43	Automatic Generation of High-Resolution Facial Expression Images with End-to-End Models Using Pix2Pix and Super-Resolution Convolutional Neural Network. , 2021, , .		3
44	Improved Genotype-Guided Deep Radiomics Signatures for Recurrence Prediction of Non-Small Cell Lung Cancer. , 2021, 2021, 3561-3564.		4
45	Tensor-based sparse representations of multi-phase medical images for classification of focal liver lesions. Pattern Recognition Letters, 2020, 130, 207-215.	4.2	25
46	An end-to-end CNN and LSTM network with 3D anchors for mitotic cell detection in 4D microscopic images and its parallel implementation on multiple GPUs. Neural Computing and Applications, 2020, 32, 5669-5679.	5.6	2
47	Distributed Dynamic Process Monitoring Based on Minimal Redundancy Maximal Relevance Variable Selection and Bayesian Inference. IEEE Transactions on Control Systems Technology, 2020, 28, 2037-2044.	5.2	28
48	Integration of a knowledge-based constraint into generative models with applications in semi-automatic segmentation of liver tumors. Biomedical Signal Processing and Control, 2020, 57, 101725.	5.7	12
49	Deep Fusion Models of Multi-Phase CT and Selected Clinical Data for Preoperative Prediction of Early Recurrence in Hepatocellular Carcinoma. IEEE Access, 2020, 8, 139212-139220.	4.2	11
50	Fine-Grained Butterfly Classification in Ecological Images Using Squeeze-And-Excitation and Spatial Attention Modules. Applied Sciences (Switzerland), 2020, 10, 1681.	2.5	18
51	WNET: An End-to-End Atlas-Guided and Boundary-Enhanced Network for Medical Image Segmentation. , 2020, , .		3
52	Automatic Segmentation of Liver Tumor in Multiphase CT Images by Mask R-CNN. , 2020, , .		8
53	High-Resolution Gaze-Corrected Image Generation based on Combined Conditional GAN and Residual Dense Network. , 2020, , .		3
54	Novel image restoration method based on multi-frame super-resolution for atmospherically distorted images. IET Image Processing, 2020, 14, 168-175.	2.5	1

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55	UNet 3+: A Full-Scale Connected UNet for Medical Image Segmentation. , 2020, , .		929
56	Automatic Cephalometric Landmark Detection on X-ray Images Using a Deep-Learning Method. Applied Sciences (Switzerland), 2020, 10, 2547.	2.5	64
57	Machine Learning for Histologic Subtype Classification of Non-Small Cell Lung Cancer: A Retrospective Multicenter Radiomics Study. Frontiers in Oncology, 2020, 10, 608598.	2.8	19
58	Medical Image Classification Using Deep Learning. Intelligent Systems Reference Library, 2020, , 33-51.	1.2	48
59	Accurate BAPL Score Classification of Brain PET Images Based on Convolutional Neural Networks with a Joint Discriminative Loss Function $\hat{\epsilon}$. Applied Sciences (Switzerland), 2020, 10, 965.	2.5	7
60	Hand-Crafted and Deep Learning-Based Radiomics Models for Recurrence Prediction of Non-Small Cells Lung Cancers. Smart Innovation, Systems and Technologies, 2020, , 135-144.	0.6	10
61	CasCRNN-GL-Net: cascaded convolutional and recurrent neural networks with global and local pathways for classification of focal liver lesions in multi-phase CT images. Communications in Information and Systems, 2020, 20, 415-442.	0.5	1
62	3D facial landmark detection based on differential cylindrical projection and multi-task learning. Communications in Information and Systems, 2020, 20, 443-459.	0.5	0
63	Development of an Interactive Semantic Medical Image Segmentation System. , 2020, , .		2
64	A Lightweight Deep Network for 3D Medical Image Segmentation. , 2020, , .		0
65	Automatic Generation of Eye Gaze Corrected Video Using Recursive Conditional Generative Adversarial Networks. , 2020, , .		2
66	A Controlled Generative Model for Segmentation of Liver Tumors. , 2019, , .		5
67	A Dual-Attention Dilated Residual Network for Liver Lesion Classification and Localization on CT Images. , 2019, , .		14
68	An Improved Hand Gesture Recognition with Two-Stage Convolution Neural Networks Using a Hand Color Image and its Pseudo-Depth Image. , 2019, , .		15
69	VesselNet: A deep convolutional neural network with multi pathways for robust hepatic vessel segmentation. Computerized Medical Imaging and Graphics, 2019, 75, 74-83.	5.8	62
70	Automatic Gaze Correction based on Deep Learning and Image Warping. , 2019, , .		0
71	MaHG-RGBD: A Multi-angle View Hand Gesture RGB-D Dataset for Deep Learning Based Gesture Recognition and Baseline Evaluations. , 2019, , .		6
72	Automatic Segmentation of the Paranasal Sinus from Computer Tomography Images Using a Probabilistic Atlas and a Fully Convolutional Network. , 2019, 2019, 2789-2792.		7

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73	Robust Detection and Recognition of Japanese Traffic Sign in the Complex Scenes Based on Deep Learning. , 2019, , .		7
74	Automatic Detection of Focal Liver Lesions in Multi-phase CT Images Using A Multi-channel & Multi-scale CNN. , 2019, 2019, 872-875.		14
75	Three-Dimensional Embryonic Image Segmentation and Registration Based on Shape Index and Ellipsoid-Fitting Method. Journal of Computational Biology, 2019, 26, 128-142.	1.6	3
76	Classification and Quantification of Emphysema Using a Multi-Scale Residual Network. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 2526-2536.	6.3	21
77	Semi-supervised Segmentation of Liver Using Adversarial Learning with Deep Atlas Prior. Lecture Notes in Computer Science, 2019, , 148-156.	1.3	47
78	A Cascade Attention Network for Liver Lesion Classification in Weakly-Labeled Multi-phase CT Images. Lecture Notes in Computer Science, 2019, , 129-138.	1.3	5
79	Automatic Liver Segmentation Using U-Net with Wasserstein GANs. Journal of Image and Graphics(United Kingdom), 2019, 7, 94-101.	3.2	12
80	Comparison of Machine Learning-Based Radiomics Models for Early Recurrence Prediction of Hepatocellular Carcinoma. Journal of Image and Graphics(United Kingdom), 2019, 7, 117-125.	3.2	11
81	Texture-specific bag of visual words model and spatial cone matching-based method for the retrieval of focal liver lesions using multiphase contrast-enhanced CT images. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 151-164.	2.8	40
82	Automatic segmentation of prostate in MR images using deep learning and multi-atlas techniques. , 2018, , .		2
83	3D Facial Landmark Detection Using Deep Convolutional Neural Networks. , 2018, , .		15
84	Fast Dark Channel Prior Based Haze Removal from a Single Image. , 2018, , .		11
85	Classification of Focal Liver Lesions Using Deep Learning with Fine-Tuning. , 2018, , .		15
86	Automated Assessment of Small Bowel Motility Function Based on Feature Points Tracking. , 2018, , .		1
87	Comprehensive Study of Multiple CNNs Fusion for Fine-Grained Dog Breed Categorization. , 2018, , .		3
88	Semi-Automatic Segmentation of Paranasal Sinus from CT images Using Fully Convolutional Networks. , 2018, , .		2
89	Interactive Virtual Campus Tour System Using Skeleton Information from Kinect. , 2018, , .		1
90	Focal Liver Lesion Classification Based on Tensor Sparse Representations of Multi-phase CT Images. Lecture Notes in Computer Science, 2018, , 696-704.	1.3	0

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91	Retinal Vessel Segmentation via Multiscaled Deep-Guidance. Lecture Notes in Computer Science, 2018, , 158-168.	1.3	6
92	Hybrid method combining superpixel, random walk and active contour model for fast and accurate liver segmentation. Computerized Medical Imaging and Graphics, 2018, 70, 119-134.	5.8	15
93	Combining Convolutional and Recurrent Neural Networks for Classification of Focal Liver Lesions in Multi-phase CT Images. Lecture Notes in Computer Science, 2018, , 666-675.	1.3	39
94	Generic and Specific Impressions Estimation and Their Application to KANSEI-Based Clothing Fabric Image Retrieval. International Journal of Pattern Recognition and Artificial Intelligence, 2018, 32, 1854024.	1.2	4
95	Detection of Liver Tumor Candidates from CT Images Using Deep Convolutional Neural Networks. Smart Innovation, Systems and Technologies, 2018, , 140-145.	0.6	9
96	Residual Convolutional Neural Networks with Global and Local Pathways for Classification of Focal Liver Lesions. Lecture Notes in Computer Science, 2018, , 617-628.	1.3	10
97	Computer Simulation of Image Distortion by Atmospheric Turbulence Using Time-Series Image Data with 250-Million-Pixels. International Journal of Computer and Electrical Engineering, 2018, 10, 53-61.	0.2	4
98	Sex-related difference in human white matter volumes studied: Inspection of the corpus callosum and other white matter by VBM. Scientific Reports, 2017, 7, 39818.	3.3	32
99	Phenotype Analysis Method for Identification of Gene Functions Involved in Asymmetric Division of <i>Caenorhabditis elegans</i> . Journal of Computational Biology, 2017, 24, 436-446.	1.6	2
100	Multi-dimensional data representation using linear tensor coding. IET Image Processing, 2017, 11, 492-501.	2.5	2
101	Incorporating a locally estimated appearance model in the graphcuts algorithm to extract small hepatic vessels. , 2017, , .		0
102	Joint weber-based rotation invariant uniform local ternary pattern for classification of pulmonary emphysema in CT images. , 2017, , .		10
103	Tensor Sparse Representation of Temporal Features for Content-Based Retrieval of Focal Liver Lesions Using Multi-phase Medical Images. , 2017, , .		2
104	Generalized Aggregation of Sparse Coded Multi-Spectra for Satellite Scene Classification. ISPRS International Journal of Geo-Information, 2017, 6, 175.	2.9	4
105	An Improved Random Walker with Bayes Model for Volumetric Medical Image Segmentation. Journal of Healthcare Engineering, 2017, 2017, 1-11.	1.9	10
106	Sparse Codebook Model of Local Structures for Retrieval of Focal Liver Lesions Using Multiphase Medical Images. International Journal of Biomedical Imaging, 2017, 2017, 1-13.	3.9	16
107	Development of an Image Processing Method for Automatic Inspection of Wear of Throw-away Tips. IEJ Transactions on Electronics, Information and Systems, 2017, 137, 1488-1494.	0.2	0
108	Diagnosis of Alzheimer's disease by structural MRI-Validation of efficiency of AI-derived Alzheimer's disease score. No Junkan Taisha = Cerebral Blood Flow and Metabolism, 2017, 28, 303-308.	0.0	0

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109	Spike Code Flow in Cultured Neuronal Networks. Computational Intelligence and Neuroscience, 2016, 2016, 1-11.	1.7	6
110	Simultaneous Segmentation of Multiple Organs Using Random Walks. Journal of Information Processing, 2016, 24, 320-329.	0.4	11
111	SIFT-based multi-frame super resolution for 250 million pixel images. , 2016, , .		1
112	Multiplex communication by BP learning in neural network. , 2016, , .		1
113	A principal component analysis based method to automatically inspect wear of throw-away tips. Journal of Intelligent and Fuzzy Systems, 2016, 31, 903-913.	1.4	1
114	Food recognition by combined bags of color features and texture features. , 2016, , .		19
115	A retrieval system for 3D multi-phase contrast-enhanced CT images of focal liver lesions based on combined bags of visual words and texture words. , 2016, , .		1
116	Super-resolution of 3D MR images and its application to brain segmentation. , 2016, , .		0
117	Remote and collaborative medical image visualization computing platform. , 2016, , .		0
118	Joint subspace learning for reconstruction of 3D facial dynamic expression from single image. , 2016, , .		0
119	Automatic feature point detection using deep convolutional networks for quantitative evaluation of facial paralysis. , 2016, , .		5
120	Quantitative Assessment of Facial Paralysis Based on Spatiotemporal Features. IEICE Transactions on Information and Systems, 2016, E99.D, 187-196.	0.7	7
121	Bag of temporal co-occurrence words for retrieval of focal liver lesions using 3D multiphase contrast-enhanced CT images. , 2016, , .		9
122	A framework for probabilistic atlas-based organ segmentation. , 2016, , .		0
123	Improved segmentation of low-contrast lesions using sigmoid edge model. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 1267-1283.	2.8	47
124	Bayesian Model for Liver Tumor Enhancement. Smart Innovation, Systems and Technologies, 2016, , 227-235.	0.6	2
125	Non-rigid image registration with anatomical structure constraint for assessing locoregional therapy of hepatocellular carcinoma. Computerized Medical Imaging and Graphics, 2015, 45, 75-83.	5.8	10
126	Independent Component Analysis-based effective prediction of O-linked glycosylation sites in protein by Support Vector Machine. , 2015, , .		0

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127	A robust registration method using Huber ICP and low rank and sparse decomposition. , 2015, , .		0
128	Interactive segmentation and visualization system for medical images on mobile devices. Journal of Advanced Simulation in Science and Engineering, 2015, 2, 96-107.	0.2	4
129	Automatic inspection of throw-away tips based on principal component analysis. , 2015, , .		0
130	Two-step learning based super resolution and its application to 3D medical volumes. , 2015, , .		1
131	Base of brain intelligence: Information flow in cultured neuronal networks and its simulation on 2D mesh network. , 2015, , .		0
132	Generic and specific impression estimation of clothing fabric images based on machine learning. , 2015, , .		1
133	Improving active shape models performance in low-contrast images using a KNN-based search algorithm - with applications in liver segmentation. , 2015, , .		2
134	A knowledge-based interactive liver segmentation using random walks. , 2015, , .		4
135	Automated assessment of small bowel motility function based on simple linear iterative clustering (SLIC). , 2015, , .		0
136	Quantitative Imaging. Academic Radiology, 2015, 22, 303-309.	2.5	13
137	Segmentation of liver and spleen based on computational anatomy models. Computers in Biology and Medicine, 2015, 67, 146-160.	7.0	43
138	Statistical Facial Image Characterization of Perceived Translucency Based on Principal Component Analysis. Journal of Society of Cosmetic Chemists of Japan, 2015, 49, 95-106.	0.1	3
139	Alignment-Free and High-Frequency Compensation in Face Hallucination. Scientific World Journal, The, 2014, 2014, 1-9.	2.1	3
140	Hybrid Aggregation of Sparse Coded Descriptors for Food Recognition. , 2014, , .		6
141	Sparse and Low Rank Matrix Decomposition Based Local Morphological Analysis and Its Application to Diagnosis of Cirrhosis Livers. , 2014, , .		0
142	Three-dimensional semiautomatic liver segmentation method for non-contrast computed tomography based on a correlation map of locoregional histogram and probabilistic atlas. Computers in Biology and Medicine, 2014, 55, 79-85.	7.0	9
143	Automatic optical phase identification of micro-drill bits based on improved ASM and bag of shape segment in PCB production. Machine Vision and Applications, 2014, 25, 1411-1422.	2.7	3
144	Capturing large shape variations of liver using population-based statistical shape models. International Journal of Computer Assisted Radiology and Surgery, 2014, 9, 967-977.	2.8	5

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145	Fast and effective color-based object tracking by boosted color distribution. Pattern Analysis and Applications, 2013, 16, 647-661.	4.6	10
146	Sparse model in hierarchic spatial structure for food image recognition. , 2013, , .		3
147	Global and local features for accurate impression estimation of cloth fabric images. , 2013, , .		4
148	Gradient-based edge preserving interpolation and its application to super-resolution. Electronics and Communications in Japan, 2013, 96, 43-50.	0.5	0
149	Statistical Fractal Models Based on GND-PCA and Its Application on Classification of Liver Diseases. BioMed Research International, 2013, 2013, 1-8.	1.9	0
150	Automatic prediction of trait anxiety degree using recognition rates of facial emotions. , 2013, , .		2
151	Quantifying stage progress of cirrhotic livers based on statistic shape models. , 2013, , .		0
152	Facial paralysis modeling based on image morphing. , 2013, , .		1
153	Pilot study of applying shape analysis to liver cirrhosis diagnosis. , 2013, , .		3
154	Adaptive color discrimination for image classification. , 2013, , .		0
155	Reconstruction of 3D dynamic expressions from single facial image. , 2013, , .		3
156	Regression based joint subspace learning for multi-view facial shape synthesis. , 2013, , .		0
157	Nonrigid registration for evaluating locoregional therapy of hepatocellular carcinoma. , 2013, , .		1
158	Optimal color space for quantitative analysis of shinny skin. , 2013, , .		0
159	Segmentation of Liver in Low-Contrast Images Using K-Means Clustering and Geodesic Active Contour Algorithms. IEICE Transactions on Information and Systems, 2013, E96.D, 798-807.	0.7	44
160	Computer-Aided Diagnosis and Quantification of Cirrhotic Livers Based on Morphological Analysis and Machine Learning. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-8.	1.3	18
161	Utilizing Disease-Specific Organ Shape Components for Disease Discrimination: Application to Discrimination of Chronic Liver Disease from CT Data. Lecture Notes in Computer Science, 2013, 16, 235-242.	1.3	3
162	Statistical Shape Model of the Liver and Its Application to Computer Aided Diagnosis of Liver Cirrhosis. IEEJ Transactions on Electronics, Information and Systems, 2013, 133, 2037-2043.	0.2	0

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163	View-Based Object Recognition Using ND Tensor Supervised Neighborhood Embedding. IEICE Transactions on Information and Systems, 2012, E95-D, 835-843.	0.7	1
164	A DWT-DCT Based Robust Multiple Watermarks for Medical Image. , 2012, , .		5
165	Human body segmentation based on deformable models and two-scale superpixel. Pattern Analysis and Applications, 2012, 15, 399-413.	4.6	8
166	Efficient shape representation and statistical shape modeling of the liver using spherical harmonic functions (SPHARM). , 2012, , .		3
167	A Machine Learning-Based Framework for Automatic Visual Inspection of Microdrill Bits in PCB Production. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 1679-1689.	2.9	16
168	AN AGENT-ORIENTED APPROACH FOR IMAGE CLASSIFICATION WITH ICA-COLOR SIFT. International Journal on Artificial Intelligence Tools, 2012, 21, 1240003.	1.0	0
169	Computational Intelligence in Biomedical Science and Engineering. Computational Intelligence and Neuroscience, 2012, 2012, 1-2.	1.7	1
170	Application of ICA to X-ray coronary digital subtraction angiography. Neurocomputing, 2012, 79, 168-172.	5.9	21
171	Abdominal Multi-Organ Segmentation of CT Images Based on Hierarchical Spatial Modeling of Organ Interrelations. Lecture Notes in Computer Science, 2012, , 173-180.	1.3	35
172	Fast Example-Based Super-Resolution Using Manifold Learning. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 1768-1773.	0.2	0
173	Pose estimation and body segmentation based on hierarchical searching tree. , 2011, , .		0
174	Canonical correlation analysis of local feature set for view-based object recognition. , 2011, , .		0
175	Robust multiple watermarks for volume data based on 3D-DWT and 3D-DFT. , 2011, , .		3
176	Multilinear Supervised Neighborhood Embedding with Local Descriptor Tensor for Face Recognition. IEICE Transactions on Information and Systems, 2011, E94-D, 158-161.	0.7	3
177	A robust method based on ICA and mixture sparsity for edge detection in medical images. Signal, Image and Video Processing, 2011, 5, 39-47.	2.7	8
178	3D-DFT Based Robust Multiple Watermarks of Medical Volume Data. , 2011, , .		0
179	Preliminary study on statistical shape model applied to diagnosis of liver cirrhosis. , 2011, , .		9
180	Batch-incremental principal component analysis with exact mean update. , 2011, , .		4

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181	3D DWT-DCT based multiple watermarks for medical volume data robust to geometrical attacks. , 2011, , .		3
182	Fast and Robust Reconstruction of Penumbra Images by Combining Multiple Wiener Filters. Plasma and Fusion Research, 2011, 6, 2406071-2406071.	0.7	0
183	Automatic optical flank wear measurement of microdrills using level set for cutting plane segmentation. Machine Vision and Applications, 2010, 21, 667-676.	2.7	22
184	Automatic facial expression recognition based on pixel-pattern-based texture feature. International Journal of Imaging Systems and Technology, 2010, 20, 253-260.	4.1	1
185	Incremental MPCA for Color Object Tracking. , 2010, , .		21
186	Robust tracking based on Boosted Color Soft Segmentation and ICA-R. , 2010, , .		3
187	Prediction of O-linked glycosylation sites in protein by independent component analysis. , 2010, , .		1
188	Adaptive Color Independent Components Based SIFT Descriptors for Image Classification. , 2010, , .		8
189	Bag of Features Tracking. , 2010, , .		22
190	Image recognition by learned linear subspace of combined bag-of-features and low-level features. , 2010, , .		5
191	Image Categorization by Learned Nonlinear Subspace of Combined Visual-Words and Low-Level Features. , 2010, , .		1
192	Liver Segmentation from Low Contrast Open MR Scans Using K-Means Clustering and Graph-Cuts. Lecture Notes in Computer Science, 2010, , 162-169.	1.3	11
193	Object tracking by multi-cues spatial pyramid matching. , 2010, , .		11
194	Statistical Texture Modeling for Medical Volume Using Generalized N-Dimensional Principal Component Analysis Method and 3D Volume Morphing. , 2010, , .		0
195	Face Image Metamorphosis with an Improved Multilevel B-Spline Approximation. , 2009, , .		3
196	A Research on Social Anxiety Individuals' Emotion Recognition Using IEC. , 2009, , .		0
197	Improved Active Shape Model for automatic optical phase identification of microdrill bits in Printed Circuit Board production. , 2009, , .		1
198	Particle Swarm Optimization for Reconstruction of Penumbra Images. , 2009, , .		0

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199	Hybrid particle swarm optimization for 3-D image registration. , 2009, , .		9
200	Remote Control System of Artificial Fish School and Its Fast Implementation. , 2009, , .		0
201	Image Categorization with PCA-SICEF. , 2009, , .		0
202	Ring artifacts reduction in cone-beam CT images based on independent component analysis. , 2009, , .		5
203	Facial Caricaturing System Based on Multi-view Active Shape Models. , 2009, , .		1
204	An active contours method based on intensity and reduced Gabor features for texture segmentation. , 2009, , .		2
205	Feature Selection Using Recursive Feature Elimination for Handwritten Digit Recognition. , 2009, , .		32
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