

Wen-Yu Liu

List of Publications by Year in descending order

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230
papers

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234
docs citations

234
times ranked

9135
citing authors

#	ARTICLE	IF	CITATIONS
1	CCNet: Criss-Cross Attention for Semantic Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 6896-6908.	13.9	183
2	Deep High-Resolution Representation Learning for Visual Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 3349-3364.	13.9	1,553
3	Enhancing PIR-Based Multi-Person Localization Through Combining Deep Learning With Domain Knowledge. IEEE Sensors Journal, 2021, 21, 4874-4886.	4.7	14
4	AlignSeg: Feature-Aligned Segmentation Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 44, 1-1.	13.9	44
5	DeepPIRATES: A Training-Light PIR-Based Localization Method With High Generalization Ability. IEEE Access, 2021, 9, 86054-86061.	4.2	4
6	Deep graph cut network for weakly-supervised semantic segmentation. Science China Information Sciences, 2021, 64, 1.	4.3	15
7	EfficientPose: Efficient human pose estimation with neural architecture search. Computational Visual Media, 2021, 7, 335-347.	17.5	26
8	Learning to focus: cascaded feature matching network for few-shot image recognition. Science China Information Sciences, 2021, 64, 1.	4.3	8
9	EAT-NAS: elastic architecture transfer for accelerating large-scale neural architecture search. Science China Information Sciences, 2021, 64, 1.	4.3	6
10	FNA++: Fast Network Adaptation via Parameter Remapping and Architecture Search. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2990-3004.	13.9	14
11	FairMOT: On the Fairness of Detection and Re-identification in Multiple Object Tracking. International Journal of Computer Vision, 2021, 129, 3069-3087.	15.6	583
12	Contextual Prior Constrained Deep Networks for Mitosis Detection With Point Annotations. IEEE Access, 2021, 9, 71954-71967.	4.2	1
13	Pyramid Self-attention for Semantic Segmentation. Lecture Notes in Computer Science, 2021, , 480-492.	1.3	1
14	Weakly-supervised Instance Segmentation via Class-agnostic Learning with Salient Images. , 2021, , .		21
15	PCL: Proposal Cluster Learning for Weakly Supervised Object Detection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 176-191.	13.9	217
16	Object Detection in Videos by High Quality Object Linking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 1272-1278.	13.9	68
17	Pose Anchor: A Single-Stage Hand Keypoint Detection Network. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2104-2113.	8.3	16
18	Semantic Image Segmentation by Scale-Adaptive Networks. IEEE Transactions on Image Processing, 2020, 29, 2066-2077.	9.8	17

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19	Densely Connected Search Space for More Flexible Neural Architecture Search. , 2020, , .		65
20	A Weakly-Supervised Framework for COVID-19 Classification and Lesion Localization From Chest CT. IEEE Transactions on Medical Imaging, 2020, 39, 2615-2625.	8.9	484
21	Deep multi-metric learning for text-independent speaker verification. Neurocomputing, 2020, 410, 394-400.	5.9	19
22	Cascaded Boundary Network for High-Quality Temporal Action Proposal Generation. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3702-3713.	8.3	11
23	DiffNet: A Learning to Compare Deep Network for Product Recognition. IEEE Access, 2020, 8, 19336-19344.	4.2	10
24	Diversity Transfer Network for Few-Shot Learning. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 10559-10566.	4.9	50
25	All You Need Is Boundary: Toward Arbitrary-Shaped Text Spotting. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 12160-12167.	4.9	82
26	DeepPIRATES: Enabling Deployment-Independent Supervised PIR-Based Localization. , 2020, , .		2
27	Bag similarity network for deep multi-instance learning. Information Sciences, 2019, 504, 578-588.	6.9	12
28	Learning to Update for Object Tracking With Recurrent Meta-Learner. IEEE Transactions on Image Processing, 2019, 28, 3624-3635.	9.8	24
29	Weakly supervised mitosis detection in breast histopathology images using concentric loss. Medical Image Analysis, 2019, 53, 165-178.	11.6	106
30	CCNet: Criss-Cross Attention for Semantic Segmentation. , 2019, , .		1,413
31	Weakly- and Semi-Supervised Fast Region-Based CNN for Object Detection. Journal of Computer Science and Technology, 2019, 34, 1269-1278.	1.5	5
32	Deep FisherNet for Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2244-2250.	11.3	39
33	Deep attention network for joint hand gesture localization and recognition using static RGB-D images. Information Sciences, 2018, 441, 66-78.	6.9	57
34	DeepMitosis: Mitosis detection via deep detection, verification and segmentation networks. Medical Image Analysis, 2018, 45, 121-133.	11.6	123
35	Cascaded Segmentation-Detection Networks for Text-Based Traffic Sign Detection. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 209-219.	8.0	72
36	Face Alignment With Deep Regression. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 183-194.	11.3	35

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37	Revisiting multiple instance neural networks. Pattern Recognition, 2018, 74, 15-24.	8.1	268
38	Weakly-Supervised Semantic Segmentation Network with Deep Seeded Region Growing. , 2018, , .		350
39	Weakly- and Semi-supervised Faster R-CNN with Curriculum Learning. , 2018, , .		24
40	Improving Fine-Grained Object Classification Using Adversarial Generated Unlabelled Samples. , 2018, , .		0
41	Structured random forest for label distribution learning. Neurocomputing, 2018, 320, 171-182.	5.9	25
42	Monocular Camera Based Real-Time Dense Mapping Using Generative Adversarial Network. , 2018, , .		7
43	Mancs: A Multi-task Attentional Network with Curriculum Sampling for Person Re-Identification. Lecture Notes in Computer Science, 2018, , 384-400.	1.3	224
44	Weakly Supervised Region Proposal Network and Object Detection. Lecture Notes in Computer Science, 2018, , 370-386.	1.3	93
45	Barrier Coverage Lifetime Maximization in a Randomly Deployed Bistatic Radar Network. Communications in Computer and Information Science, 2018, , 391-401.	0.5	0
46	On Efficient Utilization of Green Energy in Heterogeneous Cellular Networks. IEEE Systems Journal, 2017, 11, 846-857.	4.6	30
47	Rotating Directional Sensors to Mend Barrier Gaps in a Line-Based Deployed Directional Sensor Network. IEEE Systems Journal, 2017, 11, 1027-1038.	4.6	28
48	Neural features for pedestrian detection. Neurocomputing, 2017, 238, 420-432.	5.9	25
49	Deep patch learning for weakly supervised object classification and discovery. Pattern Recognition, 2017, 71, 446-459.	8.1	58
50	Automated diagnosis of prostate cancer in multi-parametric MRI based on multimodal convolutional neural networks. Physics in Medicine and Biology, 2017, 62, 6497-6514.	3.0	122
51	Multiscale salient region-based visual tracking. Machine Vision and Applications, 2017, 28, 327-339.	2.7	1
52	Learning extremely shared middle-level image representation for scene classification. Knowledge and Information Systems, 2017, 52, 509-530.	3.2	4
53	Learning Multi-Instance Deep Discriminative Patterns for Image Classification. IEEE Transactions on Image Processing, 2017, 26, 3385-3396.	9.8	34
54	Depth-Projection-Map-Based Bag of Contour Fragments for Robust Hand Gesture Recognition. IEEE Transactions on Human-Machine Systems, 2017, 47, 511-523.	3.5	30

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55	Joint Classification Loss and Histogram Loss for Sketch-Based Image Retrieval. Lecture Notes in Computer Science, 2017, , 238-249.	1.3	2
56	Multiple Instance Detection Network with Online Instance Classifier Refinement. , 2017, , .		277
57	Auto-Encoder Guided GAN for Chinese Calligraphy Synthesis. , 2017, , .		73
58	Multi-oriented Text Detection with Fully Convolutional Networks. , 2016, , .		408
59	Robust hand gesture recognition based on enhanced depth projection maps (eDPM). , 2016, , .		0
60	Online similarity learning for visual tracking. Information Sciences, 2016, 364-365, 33-50.	6.9	11
61	Multiple Stage Residual Model for Image Classification and Vector Compression. IEEE Transactions on Multimedia, 2016, 18, 1351-1362.	7.2	14
62	Strokelets: A Learned Multi-Scale Mid-Level Representation for Scene Text Recognition. IEEE Transactions on Image Processing, 2016, 25, 2789-2802.	9.8	78
63	Individual adaptive metric learning for visual tracking. Neurocomputing, 2016, 191, 273-285.	5.9	10
64	Recurrent neural network based recommendation for time heterogeneous feedback. Knowledge-Based Systems, 2016, 109, 90-103.	7.1	58
65	Traffic sign detection and recognition using fully convolutional network guided proposals. Neurocomputing, 2016, 214, 758-766.	5.9	185
66	Latent information mining for semi-supervised sentiment classification in catering reviews. , 2016, , .		0
67	Renal compartment segmentation in DCE-MRI images. Medical Image Analysis, 2016, 32, 269-280.	11.6	26
68	Similarity Fusion for Visual Tracking. International Journal of Computer Vision, 2016, 118, 337-363.	15.6	74
69	Unsupervised local deep feature for image recognition. Information Sciences, 2016, 351, 67-75.	6.9	43
70	Representing conditional preference by boosted regression trees for recommendation. Information Sciences, 2016, 327, 1-20.	6.9	36
71	Minimum Cost Placement of Bistatic Radar Sensors for Belt Barrier Coverage. IEEE Transactions on Computers, 2016, 65, 577-588.	3.4	36
72	Minimizing Content Reorganization and Tolerating Imperfect Workload Prediction for Cloud-Based Video-on-Demand Services. IEEE Transactions on Services Computing, 2016, 9, 926-939.	4.6	6

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73	Location-Aware Image Classification. Lecture Notes in Computer Science, 2016, , 829-841.	1.3	2
74	Fisher vector with weakly-supervised Gaussian dictionary for scene classification. , 2015, , .		0
75	Indoor Localization Based on Curve Fitting and Location Search Using Received Signal Strength. IEEE Transactions on Industrial Electronics, 2015, 62, 572-582.	7.9	172
76	The Optimal Node Placement for Long Belt Coverage in Wireless Networks. IEEE Transactions on Computers, 2015, 64, 587-592.	3.4	18
77	Neural shape codes for 3D model retrieval. Pattern Recognition Letters, 2015, 65, 15-21.	4.2	22
78	Constructing perimeter barrier coverage with bistatic radar sensors. Journal of Network and Computer Applications, 2015, 57, 129-141.	9.1	26
79	An Approximate Convex Decomposition Protocol for Wireless Sensor Network Localization in Arbitrary-Shaped Fields. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 3264-3274.	5.6	13
80	Sensor Scheduling for Multi-Modal Confidential Information Coverage in Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 902-913.	5.6	34
81	Conditional preference in recommender systems. Expert Systems With Applications, 2015, 42, 774-788.	7.6	23
82	B-spline-based shape coding with accurate distortion measurement using analytical model. Neurocomputing, 2015, 149, 1631-1646.	5.9	1
83	Automatic Segmentation of Renal Compartments in DCE-MRI Images. Lecture Notes in Computer Science, 2015, , 3-11.	1.3	8
84	ONLINE MULTIPLE TARGETS DETECTION AND TRACKING FROM MOBILE ROBOT IN CLUTTERED INDOOR ENVIRONMENTS WITH DEPTH CAMERA. International Journal of Pattern Recognition and Artificial Intelligence, 2014, 28, 1455001.	1.2	17
85	Vehicle Color Recognition on Urban Road by Feature Context. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 2340-2346.	8.0	61
86	Multi-source Broadcast Scheduling Algorithm of Barrage Relay Network in Tactical MANET. , 2014, , .		2
87	Strokelets: A Learned Multi-scale Representation for Scene Text Recognition. , 2014, , .		200
88	Robust Subspace Discovery via Relaxed Rank Minimization. Neural Computation, 2014, 26, 611-635.	2.2	12
89	Subarea Localization Performance of the Divide-and-Cover Node Deployment in a Long-Bounded Belt Scenario. IEEE Transactions on Computers, 2014, 63, 2842-2850.	3.4	8
90	Barrier coverage in wireless sensor networks with adjustable sensing ranges. International Journal of Ad Hoc and Ubiquitous Computing, 2014, 15, 121.	0.5	14

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91	Data-Driven Spatially-Adaptive Metric Adjustment for Visual Tracking. IEEE Transactions on Image Processing, 2014, 23, 1556-1568.	9.8	58
92	Adaptive Edge Encoding Schemes for the Rate-Distortion Optimal Polygon-Based Shape Coding. , 2014, , .		5
93	Learning Conditional Preference Networks from Inconsistent Examples. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 376-390.	5.7	19
94	A Unified Framework for Multioriented Text Detection and Recognition. IEEE Transactions on Image Processing, 2014, 23, 4737-4749.	9.8	260
95	Bag of contour fragments for robust shape classification. Pattern Recognition, 2014, 47, 2116-2125.	8.1	140
96	List-wise probabilistic matrix factorization for recommendation. Information Sciences, 2014, 278, 434-447.	6.9	47
97	Human Detection Using Learned Part Alphabet and Pose Dictionary. Lecture Notes in Computer Science, 2014, , 251-266.	1.3	19
98	A Sink-Oriented Layered Clustering Protocol for Wireless Sensor Networks. Mobile Networks and Applications, 2013, 18, 639-650.	3.3	14
99	Perceptually friendly shape decomposition by resolving segmentation points with minimum cost. Journal of Visual Communication and Image Representation, 2013, 24, 270-282.	2.8	11
100	Learning Dynamic Hybrid Markov Random Field for Image Labeling. IEEE Transactions on Image Processing, 2013, 22, 2219-2232.	9.8	8
101	Bayesian Probabilistic Matrix Factorization with Social Relations and Item Contents for recommendation. Decision Support Systems, 2013, 55, 838-850.	5.9	103
102	A Novel Node Placement for Long Belt Coverage in Wireless Networks. IEEE Transactions on Computers, 2013, 62, 2341-2353.	3.4	26
103	Confident information coverage in sensor networks for field reconstruction. IEEE Wireless Communications, 2013, 20, 74-81.	9.0	57
104	Minimum Near-Convex Shape Decomposition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 2546-2552.	13.9	29
105	Mend Barrier Gaps via Sensor Rotation for a Line-Based Deployed Directional Sensor Network. , 2013, , .		7
106	Distance Transform-Based Skeleton Extraction and Its Applications in Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1763-1772.	5.6	20
107	On contrast combinations for visual saliency detection. , 2013, , .		6
108	Lifetime Maximization for Multi-modal Confident Information Coverage in Sensor Networks. , 2013, , .		2

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109	Extracting robust distribution using adaptive Gaussian Mixture Model and online feature selection. <i>Neurocomputing</i> , 2013, 101, 258-274.	5.9	8
110	Learning conditional preference network from noisy samples using hypothesis testing. <i>Knowledge-Based Systems</i> , 2013, 40, 7-16.	7.1	15
111	Learning context sensitive similarity measure on pair fusion graph. , 2013, , .		0
112	Sensor scheduling for confident information coverage in wireless sensor networks. , 2013, , .		12
113	Mending barrier gaps via mobile sensor nodes with adjustable sensing ranges. , 2013, , .		6
114	Perceptual Distortion Measure for Polygon-Based Shape Coding. <i>IEICE Transactions on Information and Systems</i> , 2013, E96.D, 750-753.	0.7	4
115	Rotation-Invariant Features for Multi-Oriented Text Detection in Natural Images. <i>PLoS ONE</i> , 2013, 8, e70173.	2.5	21
116	One-Class Multiple Instance Learning via Robust PCA for Common Object Discovery. <i>Lecture Notes in Computer Science</i> , 2013, , 246-258.	1.3	1
117	Unsupervised human skeleton extraction from Kinect depth images. , 2012, , .		6
118	Indoor multi-resolution subarea localization based on received signal strength fingerprint. , 2012, , .		3
119	A Novel Transmitter Placement Scheme Based on Hierarchical Simplex Search for Indoor Wireless Coverage Optimization. <i>IEEE Transactions on Antennas and Propagation</i> , 2012, 60, 3921-3932.	5.1	14
120	Order determination and sparsity-regularized metric learning adaptive visual tracking. , 2012, , .		34
121	Robust Tracking Using On-Line Selection of Multiple Features. , 2012, , .		2
122	Approximate convex decomposition based localization in wireless sensor networks. , 2012, , .		22
123	Revisiting Dynamic Query Protocols in Unstructured Peer-to-Peer Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2012, 23, 160-167.	5.6	5
124	Energy-Efficient Barrier Coverage in WSNs with Adjustable Sensing Ranges. , 2012, , .		13
125	Connectivity-based and Boundary-Free Skeleton Extraction in Sensor Networks. , 2012, , .		10
126	Skeleton Extraction from Incomplete Boundaries in Sensor Networks Based on Distance Transform. , 2012, , .		13

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127	Fan Shape Model for object detection. , 2012, , .		11
128	Detecting texts of arbitrary orientations in natural images. , 2012, , .		135
129	Binarization of Gray-Level Images Based on Skeleton Region Growing. Lecture Notes in Computational Vision and Biomechanics, 2012, , 145-164.	0.5	0
130	Shape matching and classification using height functions. Pattern Recognition Letters, 2012, 33, 134-143.	4.2	191
131	Coordinated Energy Cost Management of Distributed Internet Data Centers in Smart Grid. IEEE Transactions on Smart Grid, 2012, 3, 50-58.	9.0	146
132	Discriminative Metric Preservation for Tracking Low-Resolution Targets. IEEE Transactions on Image Processing, 2012, 21, 1284-1297.	9.8	4
133	Co-Transduction for Shape Retrieval. IEEE Transactions on Image Processing, 2012, 21, 2747-2757.	9.8	89
134	Accurate distortion measurement for B-spline-based shape coding. , 2011, , .		4
135	Minimum near-convex decomposition for robust shape representation. , 2011, , .		27
136	Class-specific object contour detection by iteratively combining context information. , 2011, , .		0
137	Shape Matching Using Points Co-occurrence Pattern. , 2011, , .		4
138	Energy Efficient Broadcasting Using Network Coding Aware Protocol in Wireless Ad Hoc Network. , 2011, , .		26
139	Minimum-Latency Aggregation Scheduling in Underwater Wireless Sensor Networks. , 2011, , .		10
140	A symmetric KL divergence based spatiogram similarity measure. , 2011, , .		3
141	Spread Spectrum Image Watermarking Based on Perceptual Quality Metric. IEEE Transactions on Image Processing, 2011, 20, 3207-3218.	9.8	33
142	SHARP: A Scalable Framework for Dynamic Joint Replica Placement and Request Routing Scheduling. , 2011, , .		0
143	Movement strategies for improving barrier coverage in wireless sensor networks: A survey. , 2011, , .		4
144	On Efficient Processing of Continuous Historical Top- k Queries in Sensor Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 2363-2367.	6.3	10

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145	Neither Shortest Path Nor Dominating Set: Aggregation Scheduling by Greedy Growing Tree in Multihop Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 3462-3472.	6.3	22
146	Learning Adaptive Metric for Robust Visual Tracking. IEEE Transactions on Image Processing, 2011, 20, 2288-2300.	9.8	123
147	Improving Application Placement for Cluster-Based Web Applications. IEEE Transactions on Network and Service Management, 2011, 8, 104-115.	4.9	12
148	A Hybrid Admissible Distortion Checking Algorithm for the B-Spline-Based Operational Rate-Distortion Optimal Shape Coding. , 2011, , .		0
149	Accurate Distortion Measurement Using Analytical Model for the B-Spline-Based Shape Coding. , 2011, , .		1
150	Image labeling by multiple segmentation. , 2011, , .		1
151	Optimal Joint Multi-Path Routing and Sampling Rates Assignment for Real-Time Wireless Sensor Networks. , 2011, , .		5
152	Feature context for image classification and object detection. , 2011, , .		57
153	Adaptive and discriminative metric differential tracking. , 2011, , .		32
154	Measurements and Analysis of an Unconstrained User Generated Content System. , 2011, , .		6
155	Tracking low resolution objects by metric preservation. , 2011, , .		10
156	Inference Scene Labeling by Incorporating Object Detection with Explicit Shape Model. Lecture Notes in Computer Science, 2011, , 382-395.	1.3	0
157	Effective Improved Graph Transduction. Journal of Software, 2011, 6, .	0.6	1
158	Electrocortical functional connectivity during language selection in bilinguals. , 2010, , .		0
159	Seismic monitoring in underground mines: A case of mufulira mine in Zambia: Using wireless sensor networks for seismic monitoring. , 2010, , .		10
160	Shape Classification Using Tree -Unions. , 2010, , .		13
161	Efficient Data Collection with Sampling in WSNs: Making Use of Matrix Completion Techniques. , 2010, , .		26
162	Arbitrary Directional Edge Encoding Schemes for the Operational Rate-Distortion Optimal Shape Coding Framework. , 2010, , .		7

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163	Learning Context-Sensitive Shape Similarity by Graph Transduction. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 861-874.	13.9	211
164	Minimizing Electricity Cost: Optimization of Distributed Internet Data Centers in a Multi-Electricity-Market Environment. , 2010, , .		361
165	Wave propagation communication models for Wireless Underground Sensor Networks. , 2010, , .		14
166	A Skeleton-Based Antenna Positioning Algorithm for Indoor Radio Coverage. , 2010, , .		0
167	Connectivity-Based Skeleton Extraction in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2010, 21, 710-721.	5.6	31
168	Wireless Sensor Networks in the Context of Zambia: A Developing Country. , 2010, , .		2
169	Energy-minimized adaptive resource allocation for image transmission over wireless channel. , 2010, , .		2
170	Two-Step Coding for High Definition Video Compression. , 2010, , .		0
171	Unsupervised Clustering Using Graph Transduction. , 2010, , .		0
172	Convex shape decomposition. , 2010, , .		64
173	Skeleton Graph Matching Based on Critical Points Using Path Similarity. Lecture Notes in Computer Science, 2010, , 456-465.	1.3	11
174	Object Recognition Using Junctions. Lecture Notes in Computer Science, 2010, , 15-28.	1.3	10
175	Co-transduction for Shape Retrieval. Lecture Notes in Computer Science, 2010, , 328-341.	1.3	21
176	A Novel Energy-Minimized Optimization Algorithm for Mobile Image Transmission. Lecture Notes in Computer Science, 2010, , 382-393.	1.3	0
177	An Assesment of Underground Mine Enviromental Monitoring Methods at Zambiaâ€™s Copper Mines. Research Journal of Applied Sciences, 2010, 5, 345-351.	0.1	0
178	CASE: Connectivity-Based Skeleton Extraction in Wireless Sensor Networks. , 2009, , .		24
179	Significant differences between metaphoric idioms and literal expressions in Chinese comprehension: An ERP proof supporting left-hemisphere activation gradients and spatial involvement. , 2009, , .		0
180	Active skeleton for non-rigid object detection. , 2009, , .		19

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181	Shape band: A deformable object detection approach. , 2009, , .		22
182	Tri-Message: A Lightweight Time Synchronization Protocol for High Latency and Resource-Constrained Networks. , 2009, , .		18
183	Rapid Shape Retrieval Using Improved Graph Transduction. , 2009, , .		1
184	Building a Robust Appearance Model for Object Tracking. , 2009, , .		2
185	Transmission distortion estimation for real-time video delivery over hybrid channels with bit errors and packet erasures. Computer Communications, 2009, 32, 431-438.	5.1	5
186	A Video Coding Scheme Based on Joint Spatiotemporal and Adaptive Prediction. IEEE Transactions on Image Processing, 2009, 18, 1025-1036.	9.8	8
187	Integrating contour and skeleton for shape classification. , 2009, , .		72
188	Perceptual Relevance Measure for Generic Shape Coding. , 2009, , .		5
189	Efficient Distributed Positioning Algorithms for Wireless Sensor Networks. , 2009, , .		0
190	Contour Grouping with Partial Shape Similarity. Lecture Notes in Computer Science, 2009, , 167-178.	1.3	2
191	Joint Optimization of System Lifetime and Network Performance for Real-Time Wireless Sensor Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering. 2009, , 317-333.	0.3	5
192	Shape band: A deformable object detection approach. , 2009, , .		0
193	A Unified Curvature Definition for Regular, Polygonal, and Digital Planar Curves. International Journal of Computer Vision, 2008, 80, 104-124.	15.6	52
194	Hybrid Filter Banks optimization design using total least square solving. , 2008, , .		3
195	Mining user similarity based on location history. , 2008, , .		439
196	Image encryption strategy transparent to transcoding. , 2008, , .		0
197	Towards Minimum Traffic Cost and Minimum Response Latency: A Novel Dynamic Query Protocol in Unstructured P2P Networks. , 2008, , .		5
198	An Efficient Quick Thinning Algorithm. , 2008, , .		4

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199	Image Decomposition and Texture Segmentation via Sparse Representation. IEEE Signal Processing Letters, 2008, 15, 641-644.	3.6	13
200	Improving BitTorrent Traffic Performance by Exploiting Geographic Locality. , 2008, , .		7
201	A Uniform Host Protocol Framework Planning to Change. IEEE Vehicular Technology Conference, 2008, , .	0.4	1
202	Skeletonization of gray-scale image from incomplete boundaries. , 2008, , .		10
203	A New Method of Extracting Objects' Curve-skeleton. Zidonghua Xuebao/Acta Automatica Sinica, 2008, 34, 617-622.	0.3	12
204	Computing Stable Skeletons with Particle Filters. Lecture Notes in Computer Science, 2008, , 30-41.	1.3	2
205	Visual Curvature. , 2007, , .		3
206	Localization and Synchronization for 3D Underwater Acoustic Sensor Networks. Lecture Notes in Computer Science, 2007, , 622-631.	1.3	28
207	A New Quantum Secure Direct Communication Protocol Using Decoherence-Free Subspace. Chinese Physics Letters, 2007, 24, 2727-2729.	3.3	13
208	Objects Similarity Measurement Based on Skeleton Tree Descriptor Matching. , 2007, , .		3
209	Free space quantum system based on quantum secure direct communication. , 2007, , .		0
210	Skeletonization using SSM of the Distance Transform. , 2007, , .		30
211	Skeleton Pruning by Contour Partitioning with Discrete Curve Evolution. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 449-462.	13.9	357
212	The channel rate-distortion model of video transmission based on bit error. , 2007, , .		0
213	Force Field Based Expression for 3D Shape Retrieval. , 2007, , 587-596.		1
214	High Capacity Watermarking in Nonedge Texture Under Statistical Distortion Constraint. , 2007, , 282-291.		2
215	Adaptive Motion Vector Prediction Based on Spatiotemporal Correlation. , 2006, , .		12
216	A novel VLC based on second-run-level coding and dynamic truncation. , 2006, , .		0

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217	Complexity scalable inter modes decision algorithm for H.264 based on spatial correlation. , 2006, , .		3
218	Quantum Key Distribution Using High-Dimensional Quantum Error-Avoiding Code. Chinese Physics Letters, 2006, 23, 1976-1979.	3.3	0
219	Adaptive Quantization for Interlaced Video Coding. , 2006, , .		1
220	Skeleton Pruning by Contour Partitioning. Lecture Notes in Computer Science, 2006, , 567-579.	1.3	5
221	A Novel Algorithm for Extracting the Boundaries of Two Planar Curvesâ€™ Morphologic Summation. Lecture Notes in Computer Science, 2006, , 962-969.	1.3	0
222	A novel BER model for turbo coding over Rayleigh channel. , 2005, , .		0
223	Complexity analysis of AVS-M Jiben profile decoder. , 2005, , .		6
224	Polyhedral Objects Metamorphosis Using Convex Decomposition and Morphology. Virtual Reality, 2003, 6, 196-204.	6.1	0
225	NON-RIGID BODY INTERPOLATION BASED ON GENERALIZED MORPHOLOGIC MORPHING. International Journal of Image and Graphics, 2003, 03, 325-344.	1.5	2
226	<title>Generalized morphological transformation for describing nonhomotopic object metamorphosis</title>. Proceedings of SPIE, 2001, , .	0.8	0
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