

Jinhui Tang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

226
papers

8,991
citations

47
h-index

89
g-index

244
ext. papers

11,168
ext. citations

5.8
avg, IF

6.83
L-index

#	Paper	IF	Citations
226	Self-Guided Image Dehazing Using Progressive Feature Fusion.. <i>IEEE Transactions on Image Processing</i> , 2022 , PP,	8.7	3
225	Sub-Region Localized Hashing for Fine-Grained Image Retrieval. <i>IEEE Transactions on Image Processing</i> , 2022 , 31, 314-326	8.7	2
224	Causal Inference with Knowledge Distilling and Curriculum Learning for Unbiased VQA. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2022 , 18, 1-23	3.4	0
223	Improving OCR-based Image Captioning by Incorporating Geometrical Relationship 2021 ,		3
222	Fine-Grained Image Analysis with Deep Learning: A Survey. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	10
221	Distilling knowledge in causal inference for unbiased visual question answering 2021 ,		3
220	Host-Parasite: Graph LSTM-in-LSTM for Group Activity Recognition. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 663-674	10.3	47
219	Physics-Based Generative Adversarial Models for Image Restoration and Beyond. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 2449-2462	13.3	34
218	Bi-branch network for dynamic scene deblurring. <i>Computer Vision and Image Understanding</i> , 2021 , 202, 103100	4.3	
217	Hierarchical Long Short-Term Concurrent Memory for Human Interaction Recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 1110-1118	13.3	52
216	Video Anomaly Detection with Sparse Coding Inspired Deep Neural Networks. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 1070-1084	13.3	40
215	Spatiotemporal Co-attention Recurrent Neural Networks for Human-Skeleton Motion Prediction. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	43
214	Learning Spatially Variant Linear Representation Models for Joint Filtering. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	2
213	iFlowGAN: An Invertible Flow-based Generative Adversarial Network For Unsupervised Image-to-Image Translation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	2
212	Position-Aware Participation-Contributed Temporal Dynamic Model for Group Activity Recognition. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	2
211	Semi-supervised local feature selection for data classification. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	7
210	Self-Regulation for Semantic Segmentation 2021 ,		4

209	Weakly-supervised Semantic Guided Hashing for Social Image Retrieval. <i>International Journal of Computer Vision</i> , 2020 , 128, 2265-2278	10.6	64
208	Task-Oriented Network for Image Dehazing. <i>IEEE Transactions on Image Processing</i> , 2020 ,	8.7	19
207	Deep Semantic Multimodal Hashing Network for Scalable Image-Text and Video-Text Retrievals. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , PP,	10.3	20
206	Facial Age Synthesis With Label Distribution-Guided Generative Adversarial Network. <i>IEEE Transactions on Information Forensics and Security</i> , 2020 , 15, 2679-2691	8	19
205	Facial Age and Expression Synthesis Using Ordinal Ranking Adversarial Networks. <i>IEEE Transactions on Information Forensics and Security</i> , 2020 , 15, 2960-2972	8	6
204	Deep multi-person kinship matching and recognition for family photos. <i>Pattern Recognition</i> , 2020 , 105, 107342	7.7	9
203	BlockMix: Meta Regularization and Self-Calibrated Inference for Metric-Based Meta-Learning 2020 ,		8
202	How to Learn Item Representation for Cold-Start Multimedia Recommendation? 2020 ,		3
201	Multimodal Attention with Image Text Spatial Relationship for OCR-Based Image Captioning 2020 ,		12
200	Weakly-Supervised Image Hashing through Masked Visual-Semantic Graph-based Reasoning 2020 ,		7
199	Social Adaptive Module for Weakly-Supervised Group Activity Recognition. <i>Lecture Notes in Computer Science</i> , 2020 , 208-224	0.9	14
198	Feature Pyramid Transformer. <i>Lecture Notes in Computer Science</i> , 2020 , 323-339	0.9	39
197	Deep supervised feature selection for social relationship recognition. <i>Pattern Recognition Letters</i> , 2020 , 138, 410-416	4.7	5
196	Cascaded Deep Video Deblurring Using Temporal Sharpness Prior 2020 ,		27
195	Recursive Discriminative Subspace Learning With l -Norm Distance Constraint. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2138-2151	10.2	20
194	Speed Up Bilateral Filtering via Sparse Approximation on a Learned Cosine Dictionary. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 603-617	6.4	2
193	Fast Matrix Factorization With Nonuniform Weights on Missing Data. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 2791-2804	10.3	23
192	Adversarial Training Towards Robust Multimedia Recommender System. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 32, 855-867	4.2	43

191	Joint Label Prediction Based Semi-Supervised Adaptive Concept Factorization for Robust Data Representation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 32, 952-970	4.2	47
190	Discriminative supplementary representation learning for novel-category classification. <i>Neurocomputing</i> , 2020 , 398, 469-476	5.4	
189	Hierarchical Visual Relationship Detection 2019 ,		1
188	Coherence Constrained Graph LSTM for Group Activity Recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 ,	13.3	65
187	Road Detection through CRF based LiDAR-Camera Fusion 2019 ,		18
186	Modeling Embedding Dimension Correlations via Convolutional Neural Collaborative Filtering. <i>ACM Transactions on Information Systems</i> , 2019 , 37, 1-22	4.8	10
185	Deep Ordinal Hashing With Spatial Attention. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 2173-2186	6.7	44
184	Progressive Image Enhancement under Aesthetic Guidance 2019 ,		4
183	Weighted Mixed-Norm Regularized Regression for Robust Face Identification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 3788-3802	10.3	15
182	Social Anchor-Unit Graph Regularized Tensor Completion for Large-Scale Image Retagging. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 2027-2034	13.3	34
181	Source Resolvability of Spatial-Smoothing-Based Subspace Methods: A Hadamard Product Perspective. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 2543-2553	4.8	12
180	Deep Collaborative Embedding for Social Image Understanding. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 2070-2083	13.3	143
179	Attributes Consistent Faces Generation Under Arbitrary Poses. <i>Lecture Notes in Computer Science</i> , 2019 , 83-97	0.9	
178	Cauchy Matrix Factorization for Tag-Based Social Image Retrieval. <i>IEEE Access</i> , 2019 , 7, 132302-132310	3.5	2
177	Aligning Linguistic Words and Visual Semantic Units for Image Captioning 2019 ,		24
176	Convolutional Auto-encoding of Sentence Topics for Image Paragraph Generation 2019 ,		8
175	Temporal Action Localization Based on Temporal Evolution Model and Multiple Instance Learning. <i>Lecture Notes in Computer Science</i> , 2019 , 341-351	0.9	
174	Spatially Variant Linear Representation Models for Joint Filtering 2019 ,		9

173	Few-Shot Image Recognition With Knowledge Transfer 2019 ,		56
172	NTIRE 2019 Image Dehazing Challenge Report 2019 ,		10
171	Adaptive Context Network for Scene Parsing 2019 ,		41
170	Integrating Dense LiDAR-Camera Road Detection Maps by a Multi-Modal CRF Model. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 11635-11645	6.8	5
169	Visual-Inertial State Estimation with Pre-integration Correction for Robust Mobile Augmented Reality 2019 ,		2
168	Crowd Counting via Multi-layer Regression 2019 ,		7
167	Richer Convolutional Features for Edge Detection. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 1939-1946	13.3	163
166	On the Sample Complexity of Multichannel Frequency Estimation via Convex Optimization. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 2302-2315	2.8	12
165	Multimedia retrieval by deep hashing with multilevel similarity learning. <i>Journal of Visual Communication and Image Representation</i> , 2019 , 59, 150-158	2.7	2
164	Interpreting and Extending the Guided Filter via Cyclic Coordinate Descent. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 767-778	8.7	1
163	Deep Semantic-Preserving Ordinal Hashing for Cross-Modal Similarity Search. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1429-1440	10.3	29
162	Image annotation refinement via 2P-KNN based group sparse reconstruction. <i>Multimedia Tools and Applications</i> , 2019 , 78, 13213-13225	2.5	3
161	Sketch-Based Image Retrieval with Multiple Binary HoG Descriptor. <i>Communications in Computer and Information Science</i> , 2018 , 32-42	0.3	
160	Latent Dirichlet Truth Discovery: Separating Trustworthy and Untrustworthy Components in Data Sources. <i>IEEE Access</i> , 2018 , 6, 1741-1752	3.5	2
159	Semantic Neighbor Graph Hashing for Multimodal Retrieval. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 1405-1417	8.7	26
158	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 454-467	6.4	31
157	Robust Structured Nonnegative Matrix Factorization for Image Representation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1947-1960	10.3	130
156	Supervised deep hashing for scalable face image retrieval. <i>Pattern Recognition</i> , 2018 , 75, 25-32	7.7	53

155	Weakly Supervised Multimodal Hashing for Scalable Social Image Retrieval. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 2730-2741	6.4	42
154	Personalized Age Progression with Bi-Level Aging Dictionary Learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 905-917	13.3	57
153	Person re-identification with activity prediction based on hierarchical spatial-temporal model. <i>Neurocomputing</i> , 2018 , 275, 1200-1207	5.4	7
152	. <i>IEEE Transactions on Multimedia</i> , 2018 , 20, 3137-3147	6.6	64
151	Participation-Contributed Temporal Dynamic Model for Group Activity Recognition 2018 ,		35
150	Outer Product-based Neural Collaborative Filtering 2018 ,		107
149	Effective Action Detection Using Temporal Context and Posterior Probability of Length. <i>Lecture Notes in Computer Science</i> , 2018 , 106-117	0.9	
148	Matrix Entropy Driven Maximum Margin Feature Learning. <i>Lecture Notes in Computer Science</i> , 2018 , 375-387		
147	Recovering Overlapping Partial for Monaural Perfect Harmonic Musical Sound Separation Using Modified Common Amplitude Modulation. <i>Lecture Notes in Computer Science</i> , 2018 , 903-912	0.9	1
146	Bidirectional Multimodal Recurrent Neural Networks with Refined Visual Features for Image Captioning. <i>Communications in Computer and Information Science</i> , 2018 , 75-84	0.3	1
145	Visual understanding by mining social media: recent advances and challenges. <i>Frontiers of Computer Science</i> , 2018 , 12, 406-422	2.2	1
144	Single Image Dehazing via Conditional Generative Adversarial Network 2018 ,		148
143	Learning Dual Convolutional Neural Networks for Low-Level Vision 2018 ,		76
142	Cascaded Feature Augmentation with Diffusion for Image Retrieval 2018 ,		3
141	Unregularized Auto-Encoder with Generative Adversarial Networks for Image Generation 2018 ,		4
140	DotaNet: Two-Stream Match-Recurrent Neural Networks for Predicting Social Game Result 2018 ,		1
139	Photo to Family Tree 2018 ,		3
138	Discriminative Deep Quantization Hashing for Face Image Retrieval. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 6154-6162	10.3	39

137	Mini Neural Networks for Effective and Efficient Mobile Album Organization. <i>Lecture Notes in Computer Science</i> , 2018 , 802-810	0.9	
136	Human Parsing with Contextualized Convolutional Neural Network. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2017 , 39, 115-127	13.3	38
135	Semi-Supervised Image-to-Video Adaptation for Video Action Recognition. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 960-973	10.2	35
134	Multimedia news QA: Extraction and visualization integration with multiple-source information. <i>Image and Vision Computing</i> , 2017 , 60, 162-170	3.7	0
133	Captioning Videos Using Large-Scale Image Corpus. <i>Journal of Computer Science and Technology</i> , 2017 , 32, 480-493	1.7	6
132	Multi-Grained Random Fields for Mitosis Identification in Time-Lapse Phase Contrast Microscopy Image Sequences. <i>IEEE Transactions on Medical Imaging</i> , 2017 , 36, 1699-1710	11.7	19
131	Computational face reader based on facial attribute estimation. <i>Neurocomputing</i> , 2017 , 236, 153-163	5.4	6
130	Concurrence-Aware Long Short-Term Sub-Memories for Person-Person Action Recognition 2017 ,		18
129	Unsupervised Video Summaries Using Multiple Features and Image Quality 2017 ,		5
128	Weakly Supervised Deep Matrix Factorization for Social Image Understanding. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 276-288	8.7	145
127	LEGO-MM: LEarning Structured Model by Probabilistic loGic Ontology Tree for MultiMedia. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 196-207	8.7	3
126	Tri-Clustered Tensor Completion for Social-Aware Image Tag Refinement. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2017 , 39, 1662-1674	13.3	88
125	Hardware-Efficient Guided Image Filtering for Multi-label Problem 2017 ,		3
124	Wheel 2017 ,		2
123	CAD: Scale Invariant Framework for Real-Time Object Detection 2017 ,		12
122	Inception Single Shot MultiBox Detector for object detection 2017 ,		28
121	Discriminative Deep Hashing for Scalable Face Image Retrieval 2017 ,		22
120	A Deterministic Analysis for LRR. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2016 , 38, 417-30	13.3	44

119	Object-aware Deep Network for Commodity Image Retrieval 2016 ,		2
118	Generalized Deep Transfer Networks for Knowledge Propagation in Heterogeneous Domains. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2016 , 12, 1-22	3.4	94
117	Supervised Quantization for Similarity Search 2016 ,		41
116	Age progression: Current technologies and applications. <i>Neurocomputing</i> , 2016 , 208, 249-261	5.4	13
115	Kinship-Guided Age Progression. <i>Pattern Recognition</i> , 2016 , 59, 156-167	7.7	19
114	Computational Face Reader. <i>Lecture Notes in Computer Science</i> , 2016 , 114-126	0.9	4
113	Nonconvex Nonsmooth Low Rank Minimization via Iteratively Reweighted Nuclear Norm. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 829-39	8.7	146
112	Linear Time Illumination Invariant Stereo Matching. <i>International Journal of Computer Vision</i> , 2016 , 119, 179-193	10.6	8
111	Local structure based multi-phase collaborative representation for face recognition with single sample per person. <i>Information Sciences</i> , 2016 , 346-347, 198-215	7.7	7
110	Multimedia News Summarization in Search. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2016 , 7, 1-20	8	13
109	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2016 , 26, 1646-1658	6.4	3
108	Vision-based two-step brake detection method for vehicle collision avoidance. <i>Neurocomputing</i> , 2016 , 173, 450-461	5.4	17
107	Overlapping community detection based on node location analysis. <i>Knowledge-Based Systems</i> , 2016 , 105, 225-235	7.3	47
106	Deep Learning Driven Visual Path Prediction From a Single Image. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 5892-5904	8.7	36
105	A multi-phase sparse probability framework via entropy minimization for single sample face recognition 2016 ,		1
104	Beyond Object Proposals: Random Crop Pooling for Multi-Label Image Recognition. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 5678-5688	8.7	42
103	NIF-based seam carving for image resizing. <i>Multimedia Systems</i> , 2015 , 21, 603-613	2.2	3
102	Double nuclear norm-based matrix decomposition for occluded image recovery and background modeling. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 1956-66	8.7	49

101	Constructing a Nonnegative Low-Rank and Sparse Graph With Data-Adaptive Features. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 3717-28	8.7	83
100	What Shall I Look Like after N Years? 2015 ,		1
99	Local Structure-Based Sparse Representation for Face Recognition. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2015 , 7, 1-20	8	16
98	Semantic-aware Hashing for Social Image Retrieval 2015 ,		5
97	Weakly-Shared Deep Transfer Networks for Heterogeneous-Domain Knowledge Propagation 2015 ,		131
96	Unsupervised Feature Selection via Nonnegative Spectral Analysis and Redundancy Control. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 5343-55	8.7	122
95	Saliency-based content-aware lifestyle image mosaics. <i>Journal of Visual Communication and Image Representation</i> , 2015 , 26, 192-199	2.7	8
94	Tag ranking based on salient region graph propagation. <i>Multimedia Systems</i> , 2015 , 21, 267-275	2.2	7
93	Human Parsing with Contextualized Convolutional Neural Network 2015 ,		118
92	Neighborhood Discriminant Hashing for Large-Scale Image Retrieval. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 2827-40	8.7	129
91	Online topic-aware influence maximization. <i>Proceedings of the VLDB Endowment</i> , 2015 , 8, 666-677	3.1	130
90	Real-Time System for Driver Fatigue Detection by RGB-D Camera. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2015 , 6, 1-17	8	12
89	Robust Multiview Feature Learning for RGB-D Image Understanding. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2015 , 6, 1-19	8	9
88	Deep kinship verification 2015 ,		21
87	Personalized Age Progression with Aging Dictionary 2015 ,		80
86	Deep Matrix Factorization for social image tag refinement and assignment 2015 ,		8
85	. <i>IEEE Transactions on Multimedia</i> , 2015 , 17, 1989-1999	6.6	132
84	Sparse composite quantization 2015 ,		37

83	. <i>IEEE Transactions on Multimedia</i> , 2015 , 17, 1899-1908	6.6	38
82	Describing Trajectory of Surface Patch for Human Action Recognition on RGB and Depth Videos. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 426-429	3.2	25
81	Robust Structured Subspace Learning for Data Representation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2015 , 37, 2085-98	13.3	266
80	Efficient and Robust Specular Highlight Removal. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2015 , 37, 1304-11	13.3	49
79	Different Users, Different Opinions 2015 ,		39
78	Partially Common-Semantic Pursuit for RGB-D Object Recognition 2015 ,		3
77	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 588-600	6.6	34
76	Multi-label image categorization with sparse factor representation. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 1028-37	8.7	49
75	Body Surface Context: A New Robust Feature for Action Recognition From Depth Videos. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2014 , 24, 952-964	6.4	38
74	Learning-based bipartite graph matching for view-based 3D model retrieval. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 4553-63	8.7	20
73	Modified principal component analysis: an integration of multiple similarity subspace models. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 1538-52	10.3	44
72	Learning discriminative dictionary for group sparse representation. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 3816-28	8.7	69
71	Scalable similarity search with topology preserving hashing. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 3025-39	8.7	40
70	Projective Matrix Factorization with unified embedding for social image tagging. <i>Computer Vision and Image Understanding</i> , 2014 , 124, 71-78	4.3	8
69	Term Selection and Result Reranking for Question Retrieval by Exploiting Hierarchical Classification 2014 ,		2
68	Local structure based sparse representation for face recognition with single sample per person 2014 ,		7
67	Hand-Crafted Features or Machine Learnt Features? Together They Improve RGB-D Object Recognition 2014 ,		16
66	A Unified Geolocation Framework for Web Videos. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2014 , 5, 1-22	8	5

65	What Can We Learn about Motion Videos from Still Images? 2014 ,		4
64	Augmented Image Retrieval using Multi-order Object Layout with Attributes 2014 ,		7
63	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2014 , 24, 2034-2048	6.4	28
62	Generalized Nonconvex Nonsmooth Low-Rank Minimization 2014 ,		121
61	Typicality ranking: beyond accuracy for video semantic annotation. <i>Multimedia Tools and Applications</i> , 2014 , 70, 647-660	2.5	1
60	Product Aspect Ranking and Its Applications. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2014 , 26, 1211-1224	4.2	58
59	Label-specific training set construction from web resource for image annotation. <i>Signal Processing</i> , 2013 , 93, 2199-2204	4.4	5
58	Towards optimizing human labeling for interactive image tagging. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2013 , 9, 1-18	3.4	15
57	Designing template-free predictor for targeting protein-ligand binding sites with classifier ensemble and spatial clustering. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2013 , 10, 994-1008	3	60
56	Cross-Space Affinity Learning with Its Application to Movie Recommendation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2013 , 25, 1510-1519	4.2	18
55	Accurate estimation of human body orientation from RGB-D sensors. <i>IEEE Transactions on Cybernetics</i> , 2013 , 43, 1442-52	10.2	62
54	Combining global and local matching of multiple features for precise item image retrieval. <i>Multimedia Systems</i> , 2013 , 19, 37-49	2.2	24
53	Intelligent processing techniques for semantic-based image and video retrieval. <i>Neurocomputing</i> , 2013 , 119, 1-2	5.4	2
52	WLBP: Weber local binary pattern for local image description. <i>Neurocomputing</i> , 2013 , 120, 325-335	5.4	48
51	Improving Bottom-up Saliency Detection by Looking into Neighbors. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2013 , 23, 1016-1028	6.4	8
50	Hybrid image summarization by hypergraph partition. <i>Neurocomputing</i> , 2013 , 119, 41-48	5.4	6
49	Sparse tensor discriminant analysis. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 3904-15	8.7	100
48	Near-lossless semantic video summarization and its applications to video analysis. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2013 , 9, 1-23	3.4	24

47	Topology preserving hashing for similarity search 2013 ,			35
46	Strong geometrical consistency in large scale partial-duplicate image search 2013 ,			4
45	Community question topic categorization via hierarchical kernelized classification 2013 ,			12
44	Weakly-Supervised Dual Clustering for Image Semantic Segmentation 2013 ,			40
43	Multimedia LEGO: Learning Structured Model by Probabilistic Logic Ontology Tree 2013 ,			13
42	Correntropy Induced L2 Graph for Robust Subspace Clustering 2013 ,			41
41	Saliency-Based Content-Aware Image Mosaics. <i>Lecture Notes in Computer Science</i> , 2013 , 436-444	0.9		1
40	Real-Time Head Pose Estimation by RGB-D Camera. <i>Lecture Notes in Computer Science</i> , 2013 , 698-707	0.9		
39	Cross Concept Local Fisher Discriminant Analysis for Image Classification. <i>Lecture Notes in Computer Science</i> , 2013 , 407-416	0.9		1
38	Image Re-Emotionalizing 2013 , 3-14			2
37	Social media mining and search. <i>Multimedia Tools and Applications</i> , 2012 , 56, 1-7	2.5		8
36	Looking into the world on Google Maps with view direction estimated photos. <i>Neurocomputing</i> , 2012 , 95, 72-77	5.4		5
35	Tag ranking by propagating relevance over tag and image graphs 2012 ,			5
34	Camera constraint-free view-based 3-D object retrieval. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 2269-81	8.7		193
33	Semantic-gap-oriented active learning for multilabel image annotation. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 2354-60	8.7		86
32	Label-to-region with continuity-biased bi-layer sparsity priors. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2012 , 8, 1-23	3.4		4
31	Low rank metric learning for social image retrieval 2012 ,			10
30	Query expansion enhancement by fast binary matching 2012 ,			3

29	Abnormal behavior recognition system for ATM monitoring by RGB-D camera 2012 ,		4
28	Beyond local image features: Scene classification using supervised semantic representation 2012 ,		2
27	The Method for Constructing Block Sparse Measurement Matrix Based on Orthogonal Vectors. <i>Lecture Notes in Computer Science</i> , 2012 , 872-879	0.9	1
26	iSearch 2011 ,		5
25	Beyond search. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2011 , 7, 1-18	3.4	67
24	Image annotation by k NN-sparse graph-based label propagation over noisily tagged web images. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2011 , 2, 1-15	8	148
23	Nonparametric Label-to-Region by search 2010 ,		13
22	One person labels one million images 2010 ,		7
21	. <i>IEEE Transactions on Multimedia</i> , 2010 , 12, 131-141	6.6	75
20	. <i>IEEE Transactions on Multimedia</i> , 2010 , 12, 278-287	6.6	31
19	Metric learning with feature decomposition for image categorization. <i>Neurocomputing</i> , 2010 , 73, 1562-1569	5.4	10
18	View-based 3D model retrieval with probabilistic graph model. <i>Neurocomputing</i> , 2010 , 73, 1900-1905	5.4	39
17	NUS-WIDE 2009 ,		1363
16	Label to region by bi-layer sparsity priors 2009 ,		58
15	Video semantic analysis based on structure-sensitive anisotropic manifold ranking. <i>Signal Processing</i> , 2009 , 89, 2313-2323	4.4	10
14	. <i>IEEE Transactions on Multimedia</i> , 2009 , 11, 465-476	6.6	225
13	Inferring semantic concepts from community-contributed images and noisy tags 2009 ,		151
12	Unified Video Annotation via Multigraph Learning. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2009 , 19, 733-746	6.4	296

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