Jinhui Tang

List of Publications by Citations

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	NUS-WIDE **2009**,		1363
225	Unified Video Annotation via Multigraph Learning. *IEEE Transactions on Circuits and Systems for Video Technology*, **2009**, 19, 733-746	6.4	296
224	Robust Structured Subspace Learning for Data Representation. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2015**, 37, 2085-98	13.3	266
223	Correlative multi-label video annotation **2007**,		262
222	. *IEEE Transactions on Multimedia*, **2009**, 11, 465-476	6.6	225
221	Camera constraint-free view-based 3-D object retrieval. *IEEE Transactions on Image Processing*, **2012**, 21, 2269-81	8.7	193
220	Richer Convolutional Features for Edge Detection. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2019**, 41, 1939-1946	13.3	163
219	Inferring semantic concepts from community-contributed images and noisy tags **2009**,		151
218	Image annotation by k NN-sparse graph-based label propagation over noisily tagged web images. *ACM Transactions on Intelligent Systems and Technology*, **2011**, 2, 1-15	8	148
217	Single Image Dehazing via Conditional Generative Adversarial Network **2018**,		148
216	Nonconvex Nonsmooth Low Rank Minimization via Iteratively Reweighted Nuclear Norm. *IEEE Transactions on Image Processing*, **2016**, 25, 829-39	8.7	146
215	Weakly Supervised Deep Matrix Factorization for Social Image Understanding. *IEEE Transactions on Image Processing*, **2017**, 26, 276-288	8.7	145
214	Deep Collaborative Embedding for Social Image Understanding. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2019**, 41, 2070-2083	13.3	143
213	. *IEEE Transactions on Multimedia*, **2015**, 17, 1989-1999	6.6	132
212	Weakly-Shared Deep Transfer Networks for Heterogeneous-Domain Knowledge Propagation **2015**,		131
211	Robust Structured Nonnegative Matrix Factorization for Image Representation. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 1947-1960	10.3	130
210	Online topic-aware influence maximization. *Proceedings of the VLDB Endowment*, **2015**, 8, 666-677	3.1	130

209	Neighborhood Discriminant Hashing for Large-Scale Image Retrieval. *IEEE Transactions on Image Processing*, **2015**, 24, 2827-40	8.7	129
208	Unsupervised Feature Selection via Nonnegative Spectral Analysis and Redundancy Control. *IEEE Transactions on Image Processing*, **2015**, 24, 5343-55	8.7	122
207	Generalized Nonconvex Nonsmooth Low-Rank Minimization **2014**,		121
206	Human Parsing with Contextualized Convolutional Neural Network **2015**,		118
205	Outer Product-based Neural Collaborative Filtering **2018**,		107
204	Sparse tensor discriminant analysis. *IEEE Transactions on Image Processing*, **2013**, 22, 3904-15	8.7	100
203	Generalized Deep Transfer Networks for Knowledge Propagation in Heterogeneous Domains. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2016**, 12, 1-22	3.4	94
202	Tri-Clustered Tensor Completion for Social-Aware Image Tag Refinement. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2017**, 39, 1662-1674	13.3	88
201	Semantic-gap-oriented active learning for multilabel image annotation. *IEEE Transactions on Image Processing*, **2012**, 21, 2354-60	8.7	86
200	Constructing a Nonnegative Low-Rank and Sparse Graph With Data-Adaptive Features. *IEEE Transactions on Image Processing*, **2015**, 24, 3717-28	8.7	83
199	Personalized Age Progression with Aging Dictionary **2015**,		80
198	Learning Dual Convolutional Neural Networks for Low-Level Vision **2018**,		76
197	. *IEEE Transactions on Multimedia*, **2010**, 12, 131-141	6.6	75
196	Learning discriminative dictionary for group sparse representation. *IEEE Transactions on Image Processing*, **2014**, 23, 3816-28	8.7	69
195	Beyond search. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2011**, 7, 1-18	3.4	67
194	Coherence Constrained Graph LSTM for Group Activity Recognition. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2019**,	13.3	65
193	Weakly-supervised Semantic Guided Hashing for Social Image Retrieval. *International Journal of Computer Vision*, **2020**, 128, 2265-2278	10.6	64
192	. *IEEE Transactions on Multimedia*, **2018**, 20, 3137-3147	6.6	64

191	Accurate estimation of human body orientation from RGB-D sensors. *IEEE Transactions on Cybernetics*, **2013**, 43, 1442-52	10.2	62
190	Designing template-free predictor for targeting protein-ligand binding sites with classifier ensemble and spatial clustering. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2013**, 10, 994-1008	3	60
189	Product Aspect Ranking and Its Applications. *IEEE Transactions on Knowledge and Data Engineering*, **2014**, 26, 1211-1224	4.2	58
188	Label to region by bi-layer sparsity priors **2009**,		58
187	Personalized Age Progression with Bi-Level Aging Dictionary Learning. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2018**, 40, 905-917	13.3	57
186	Few-Shot Image Recognition With Knowledge Transfer **2019**,		56
185	Supervised deep hashing for scalable face image retrieval. *Pattern Recognition*, **2018**, 75, 25-32	7.7	53
184	Hierarchical Long Short-Term Concurrent Memory for Human Interaction Recognition. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, 43, 1110-1118	13.3	52
183	Double nuclear norm-based matrix decomposition for occluded image recovery and background modeling. *IEEE Transactions on Image Processing*, **2015**, 24, 1956-66	8.7	49
182	Multi-label image categorization with sparse factor representation. *IEEE Transactions on Image Processing*, **2014**, 23, 1028-37	8.7	49
181	Efficient and Robust Specular Highlight Removal. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2015**, 37, 1304-11	13.3	49
180	WLBP: Weber local binary pattern for local image description. *Neurocomputing*, **2013**, 120, 325-335	5.4	48
179	Overlapping community detection based on node location analysis. *Knowledge-Based Systems*, **2016**, 105, 225-235	7.3	47
178	Joint Label Prediction Based Semi-Supervised Adaptive Concept Factorization for Robust Data Representation. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 32, 952-970	4.2	47
177	Host-Parasite: Graph LSTM-in-LSTM for Group Activity Recognition. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 663-674	10.3	47
176	A Deterministic Analysis for LRR. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2016**, 38, 417-30	13.3	44
175	Deep Ordinal Hashing With Spatial Attention. *IEEE Transactions on Image Processing*, **2019**, 28, 2173-2186	8.7	44
174	Modified principal component analysis: an integration of multiple similarity subspace models. *IEEE Transactions on Neural Networks and Learning Systems*, **2014**, 25, 1538-52	10.3	44

173	Adversarial Training Towards Robust Multimedia Recommender System. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 32, 855-867	4.2	43
172	Spatiotemporal Co-attention Recurrent Neural Networks for Human-Skeleton Motion Prediction. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, PP,	13.3	43
171	Weakly Supervised Multimodal Hashing for Scalable Social Image Retrieval. *IEEE Transactions on Circuits and Systems for Video Technology*, **2018**, 28, 2730-2741	6.4	42
170	Beyond Object Proposals: Random Crop Pooling for Multi-Label Image Recognition. *IEEE Transactions on Image Processing*, **2016**, 25, 5678-5688	8.7	42
169	Supervised Quantization for Similarity Search **2016**,		41
168	Correntropy Induced L2 Graph for Robust Subspace Clustering **2013**,		41
167	Adaptive Context Network for Scene Parsing **2019**,		41
166	Scalable similarity search with topology preserving hashing. *IEEE Transactions on Image Processing*, **2014**, 23, 3025-39	8.7	40
165	Weakly-Supervised Dual Clustering for Image Semantic Segmentation **2013**,		40
164	Video Anomaly Detection with Sparse Coding Inspired Deep Neural Networks. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, 43, 1070-1084	13.3	40
163	View-based 3D model retrieval with probabilistic graph model. *Neurocomputing*, **2010**, 73, 1900-1905	5.4	39
162	Different Users, Different Opinions **2015**,		39
161	Feature Pyramid Transformer. *Lecture Notes in Computer Science*, **2020**, 323-339	0.9	39
160	Discriminative Deep Quantization Hashing for Face Image Retrieval. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 6154-6162	10.3	39
159	Human Parsing with Contextualized Convolutional Neural Network. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2017**, 39, 115-127	13.3	38
158	Body Surface Context: A New Robust Feature for Action Recognition From Depth Videos. *IEEE Transactions on Circuits and Systems for Video Technology*, **2014**, 24, 952-964	6.4	38
157	. *IEEE Transactions on Multimedia*, **2015**, 17, 1899-1908	6.6	38
156	Sparse composite quantization **2015**,		37

155	. *IEEE Transactions on Multimedia*, **2008**, 10, 620-628	6.6	36
154	Deep Learning Driven Visual Path Prediction From a Single Image. *IEEE Transactions on Image Processing*, **2016**, 25, 5892-5904	8.7	36
153	Semi-Supervised Image-to-Video Adaptation for Video Action Recognition. *IEEE Transactions on Cybernetics*, **2017**, 47, 960-973	10.2	35
152	Topology preserving hashing for similarity search **2013**,		35
151	Participation-Contributed Temporal Dynamic Model for Group Activity Recognition **2018**,		35
150	Social Anchor-Unit Graph Regularized Tensor Completion for Large-Scale Image Retagging. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2019**, 41, 2027-2034	13.3	34
149	. *IEEE Transactions on Multimedia*, **2014**, 16, 588-600	6.6	34
148	Structure-sensitive manifold ranking for video concept detection **2007**,		34
147	Physics-Based Generative Adversarial Models for Image Restoration and Beyond. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, 43, 2449-2462	13.3	34
146	. *IEEE Transactions on Circuits and Systems for Video Technology*, **2018**, 28, 454-467	6.4	31
145	. *IEEE Transactions on Multimedia*, **2010**, 12, 278-287	6.6	31
144	Deep Semantic-Preserving Ordinal Hashing for Cross-Modal Similarity Search. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 1429-1440	10.3	29
143	. *IEEE Transactions on Circuits and Systems for Video Technology*, **2014**, 24, 2034-2048	6.4	28
142	Inception Single Shot MultiBox Detector for object detection **2017**,		28
141	Cascaded Deep Video Deblurring Using Temporal Sharpness Prior **2020**,		27
140	Semantic Neighbor Graph Hashing for Multimodal Retrieval. *IEEE Transactions on Image Processing*, **2018**, 27, 1405-1417	8.7	26
139	Describing Trajectory of Surface Patch for Human Action Recognition on RGB and Depth Videos. *IEEE Signal Processing Letters*, **2015**, 22, 426-429	3.2	25
138	Combining global and local matching of multiple features for precise item image retrieval. *Multimedia Systems*, **2013**, 19, 37-49	2.2	24

137	Near-lossless semantic video summarization and its applications to video analysis. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2013**, 9, 1-23	3.4	24
136	Aligning Linguistic Words and Visual Semantic Units for Image Captioning **2019**,		24
135	Fast Matrix Factorization With Nonuniform Weights on Missing Data. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 2791-2804	10.3	23
134	Discriminative Deep Hashing for Scalable Face Image Retrieval **2017**,		22
133	Deep kinship verification **2015**,		21
132	Word2Image **2008**,		21
131	Deep Semantic Multimodal Hashing Network for Scalable Image-Text and Video-Text Retrievals. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, PP,	10.3	20
130	Learning-based bipartite graph matching for view-based 3D model retrieval. *IEEE Transactions on Image Processing*, **2014**, 23, 4553-63	8.7	20
129	Recursive Discriminative Subspace Learning With l -Norm Distance Constraint. *IEEE Transactions on Cybernetics*, **2020**, 50, 2138-2151	10.2	20
128	Multi-Grained Random Fields for Mitosis Identification in Time-Lapse Phase Contrast Microscopy Image Sequences. *IEEE Transactions on Medical Imaging*, **2017**, 36, 1699-1710	11.7	19
127	Task-Oriented Network for Image Dehazing. *IEEE Transactions on Image Processing*, **2020**,	8.7	19
126	Facial Age Synthesis With Label Distribution-Guided Generative Adversarial Network. *IEEE Transactions on Information Forensics and Security*, **2020**, 15, 2679-2691	8	19
125	Kinship-Guided Age Progression. *Pattern Recognition*, **2016**, 59, 156-167	7.7	19
124	Road Detection through CRF based LiDAR-Camera Fusion **2019**,		18
123	Cross-Space Affinity Learning with Its Application to Movie Recommendation. *IEEE Transactions on Knowledge and Data Engineering*, **2013**, 25, 1510-1519	4.2	18
122	Concurrence-Aware Long Short-Term Sub-Memories for Person-Person Action Recognition **2017**,		18
121	Vision-based two-step brake detection method for vehicle collision avoidance. *Neurocomputing*, **2016**, 173, 450-461	5.4	17
120	. *IEEE Transactions on Multimedia*, **2008**, 10, 1605-1616	6.6	17

119	Local Structure-Based Sparse Representation for Face Recognition. *ACM Transactions on Intelligent Systems and Technology*, **2015**, 7, 1-20	8	16
118	Hand-Crafted Features or Machine Learnt Features? Together They Improve RGB-D Object Recognition **2014**,		16
117	Weighted Mixed-Norm Regularized Regression for Robust Face Identification. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 3788-3802	10.3	15
116	Towards optimizing human labeling for interactive image tagging. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2013**, 9, 1-18	3.4	15
115	Social Adaptive Module for Weakly-Supervised Group Activity Recognition. *Lecture Notes in Computer Science*, **2020**, 208-224	0.9	14
114	Age progression: Current technologies and applications. *Neurocomputing*, **2016**, 208, 249-261	5.4	13
113	Multimedia News Summarization in Search. *ACM Transactions on Intelligent Systems and Technology*, **2016**, 7, 1-20	8	13
112	Multimedia LEGO: Learning Structured Model by Probabilistic Logic Ontology Tree **2013**,		13
111	Nonparametric Label-to-Region by search **2010**,		13
110	Source Resolvability of Spatial-Smoothing-Based Subspace Methods: A Hadamard Product Perspective. *IEEE Transactions on Signal Processing*, **2019**, 67, 2543-2553	4.8	12
109	CAD: Scale Invariant Framework for Real-Time Object Detection **2017**,		12
108	Real-Time System for Driver Fatigue Detection by RGB-D Camera. *ACM Transactions on Intelligent Systems and Technology*, **2015**, 6, 1-17	8	12
107	Community question topic categorization via hierarchical kernelized classification **2013**,		12
106	Multimodal Attention with Image Text Spatial Relationship for OCR-Based Image Captioning **2020**,		12
105	On the Sample Complexity of Multichannel Frequency Estimation via Convex Optimization. *IEEE Transactions on Information Theory*, **2019**, 65, 2302-2315	2.8	12
104	Modeling Embedding Dimension Correlations via Convolutional Neural Collaborative Filtering. *ACM Transactions on Information Systems*, **2019**, 37, 1-22	4.8	10
103	Video semantic analysis based on structure-sensitive anisotropic manifold ranking. *Signal Processing*, **2009**, 89, 2313-2323	4.4	10
102	Low rank metric learning for social image retrieval **2012**,		10

101	Metric learning with feature decomposition for image categorization. *Neurocomputing*, **2010**, 73, 1562-1569	3.7	10
100	INTERACTIVE VIDEO ANNOTATION BY MULTI-CONCEPT MULTI-MODALITY ACTIVE LEARNING. *International Journal of Semantic Computing*, **2007**, 01, 459-477	0.7	10
99	Fine-Grained Image Analysis with Deep Learning: A Survey. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, PP,	13.3	10
98	NTIRE 2019 Image Dehazing Challenge Report **2019**,		10
97	Deep multi-person kinship matching and recognition for family photos. *Pattern Recognition*, **2020**, 105, 107342	7.7	9
96	Robust Multiview Feature Learning for RGB-D Image Understanding. *ACM Transactions on Intelligent Systems and Technology*, **2015**, 6, 1-19	8	9
95	Spatially Variant Linear Representation Models for Joint Filtering **2019**,		9
94	Saliency-based content-aware lifestyle image mosaics. *Journal of Visual Communication and Image Representation*, **2015**, 26, 192-199	2.7	8
93	Linear Time Illumination Invariant Stereo Matching. *International Journal of Computer Vision*, **2016**, 119, 179-193	10.6	8
92	Projective Matrix Factorization with unified embedding for social image tagging. *Computer Vision and Image Understanding*, **2014**, 124, 71-78	4.3	8
91	Social media mining and search. *Multimedia Tools and Applications*, **2012**, 56, 1-7	2.5	8
90	Deep Matrix Factorization for social image tag refinement and assignment **2015**,		8
89	Improving Bottom-up Saliency Detection by Looking into Neighbors. *IEEE Transactions on Circuits and Systems for Video Technology*, **2013**, 23, 1016-1028	6.4	8
88	BlockMix: Meta Regularization and Self-Calibrated Inference for Metric-Based Meta-Learning **2020**,		8
87	Convolutional Auto-encoding of Sentence Topics for Image Paragraph Generation **2019**,		8
86	Tag ranking based on salient region graph propagation. *Multimedia Systems*, **2015**, 21, 267-275	2.2	7
85	Person re-identification with activity prediction based on hierarchical spatial-temporal model. *Neurocomputing*, **2018**, 275, 1200-1207	5.4	7
84	Local structure based multi-phase collaborative representation for face recognition with single sample per person. *Information Sciences*, **2016**, 346-347, 198-215	7.7	7

83	Local structure based sparse representation for face recognition with single sample per person **2014**,		7
82	Augmented Image Retrieval using Multi-order Object Layout with Attributes **2014**,		7
81	One person labels one million images **2010**,		7
80	To construct optimal training set for video annotation **2006**,		7
79	Weakly-Supervised Image Hashing through Masked Visual-Semantic Graph-based Reasoning **2020**,		7
78	Crowd Counting via Multi-layer Regression **2019**,		7
77	Semi-supervised local feature selection for data classification. *Science China Information Sciences*, **2021**, 64, 1	3.4	7
76	Captioning Videos Using Large-Scale Image Corpus. *Journal of Computer Science and Technology*, **2017**, 32, 480-493	1.7	6
75	Computational face reader based on facial attribute estimation. *Neurocomputing*, **2017**, 236, 153-163	5.4	6
74	Facial Age and Expression Synthesis Using Ordinal Ranking Adversarial Networks. *IEEE Transactions on Information Forensics and Security*, **2020**, 15, 2960-2972	8	6
73	Hybrid image summarization by hypergraph partition. *Neurocomputing*, **2013**, 119, 41-48	5.4	6
72	**2007**,		6
71	Convolutional-capsule network for gastrointestinal endoscopy image classification. *International Journal of Intelligent Systems*,	8.4	6
70	Semantic-aware Hashing for Social Image Retrieval **2015**,		5
69	Label-specific training set construction from web resource for image annotation. *Signal Processing*, **2013**, 93, 2199-2204	4.4	5
68	Unsupervised Video Summaries Using Multiple Features and Image Quality **2017**,		5
67	A Unified Geolocation Framework for Web Videos. *ACM Transactions on Intelligent Systems and Technology*, **2014**, 5, 1-22	8	5
66	Looking into the world on Google Maps with view direction estimated photos. *Neurocomputing*, **2012**, 95, 72-77	5.4	5

65	Tag ranking by propagating relevance over tag and image graphs **2012**,		5
64	iSearch **2011**,		5
63	Deep supervised feature selection for social relationship recognition. *Pattern Recognition Letters*, **2020**, 138, 410-416	4.7	5
62	Integrating Dense LiDAR-Camera Road Detection Maps by a Multi-Modal CRF Model. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 11635-11645	6.8	5
61	Progressive Image Enhancement under Aesthetic Guidance **2019**,		4
60	Computational Face Reader. *Lecture Notes in Computer Science*, **2016**, 114-126	0.9	4
59	What Can We Learn about Motion Videos from Still Images? **2014**,		4
58	Strong geometrical consistency in large scale partial-duplicate image search **2013**,		4
57	Label-to-region with continuity-biased bi-layer sparsity priors. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2012**, 8, 1-23	3.4	4
56	Abnormal behavior recognition system for ATM monitoring by RGB-D camera **2012**,		4
55	Unregularized Auto-Encoder with Generative Adversarial Networks for Image Generation **2018**,		4
54	Self-Regulation for Semantic Segmentation **2021**,		4
53	NIF-based seam carving for image resizing. *Multimedia Systems*, **2015**, 21, 603-613	2.2	3
52	. *IEEE Transactions on Circuits and Systems for Video Technology*, **2016**, 26, 1646-1658	6.4	3
51	LEGO-MM: LEarning Structured Model by Probabilistic loGic Ontology Tree for MultiMedia. *IEEE Transactions on Image Processing*, **2017**, 26, 196-207	8.7	3
50	Hardware-Efficient Guided Image Filtering for Multi-label Problem **2017**,		3
49	Query expansion enhancement by fast binary matching **2012**,		3
48	Self-Guided Image Dehazing Using Progressive Feature Fusion.. *IEEE Transactions on Image Processing*, **2022**, PP,	8.7	3

47	Improving OCR-based Image Captioning by Incorporating Geometrical Relationship **2021**,		3
46	How to Learn Item Representation for Cold-Start Multimedia Recommendation? **2020**,		3
45	Partially Common-Semantic Pursuit for RGB-D Object Recognition **2015**,		3
44	Distilling knowledge in causal inference for unbiased visual question answering **2021**,		3
43	Image annotation refinement via 2P-KNN based group sparse reconstruction. *Multimedia Tools and Applications*, **2019**, 78, 13213-13225	2.5	3
42	Cascaded Feature Augmentation with Diffusion for Image Retrieval **2018**,		3
41	Photo to Family Tree **2018**,		3
40	Latent Dirichlet Truth Discovery: Separating Trustworthy and Untrustworthy Components in Data Sources. *IEEE Access*, **2018**, 6, 1741-1752	3.5	2
39	Object-aware Deep Network for Commodity Image Retrieval **2016**,		2
38	Cauchy Matrix Factorization for Tag-Based Social Image Retrieval. *IEEE Access*, **2019**, 7, 132302-132310	3.5	2
37	Intelligent processing techniques for semantic-based image and video retrieval. *Neurocomputing*, **2013**, 119, 1-2	5.4	2
36	Wheel **2017**,		2
35	Term Selection and Result Reranking for Question Retrieval by Exploiting Hierarchical Classification **2014**,		2
34	Beyond local image features: Scene calssification using supervised semantic representation **2012**,		2
33	Sub-Region Localized Hashing for Fine-Grained Image Retrieval. *IEEE Transactions on Image Processing*, **2022**, 31, 314-326	8.7	2
32	Visual-Inertial State Estimation with Pre-integration Correction for Robust Mobile Augmented Reality **2019**,		2
31	Multimedia retrieval by deep hashing with multilevel similarity learning. *Journal of Visual Communication and Image Representation*, **2019**, 59, 150-158	2.7	2
30	Speed Up Bilateral Filtering via Sparse Approximation on a Learned Cosine Dictionary. *IEEE Transactions on Circuits and Systems for Video Technology*, **2020**, 30, 603-617	6.4	2

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28	iFlowGAN: An Invertible Flow-based Generative Adversarial Network For Unsupervised Image-to-Image Translation. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, PP,	13.3	2
27	Position-Aware Participation-Contributed Temporal Dynamic Model for Group Activity Recognition. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	2
26	Image Re-Emotionalizing **2013**, 3-14		2
25	Hierarchical Visual Relationship Detection **2019**,		1
24	What Shall I Look Like after N Years? **2015**,		1
23	Typicality ranking: beyond accuracy for video semantic annotation. *Multimedia Tools and Applications*, **2014**, 70, 647-660	2.5	1
22	The Method for Constructing Block Sparse Measurement Matrix Based on Orthogonal Vectors. *Lecture Notes in Computer Science*, **2012**, 872-879	0.9	1
21	Recovering Overlapping Partials for Monaural Perfect Harmonic Musical Sound Separation Using Modified Common Amplitude Modulation. *Lecture Notes in Computer Science*, **2018**, 903-912	0.9	1
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19	Bidirectional Multimodal Recurrent Neural Networks with Refined Visual Features for Image Captioning. *Communications in Computer and Information Science*, **2018**, 75-84	0.3	1
18	Cross Concept Local Fisher Discriminant Analysis for Image Classification. *Lecture Notes in Computer Science*, **2013**, 407-416	0.9	1
17	A multi-phase sparse probability framework via entropy minimization for single sample face recognition **2016**,		1
16	Interpreting and Extending the Guided Filter via Cyclic Coordinate Descent. *IEEE Transactions on Image Processing*, **2019**, 28, 767-778	8.7	1
15	Visual understanding by mining social media: recent advances and challenges. *Frontiers of Computer Science*, **2018**, 12, 406-422	2.2	1
14	DotaNet: Two-Stream Match-Recurrent Neural Networks for Predicting Social Game Result **2018**,		1
13	Dual Convolutional Neural Networks for Low-Level Vision. *International Journal of Computer Vision*,1	10.6	1
12	Multimedia news QA: Extraction and visualization integration with multiple-source information. *Image and Vision Computing*, **2017**, 60, 162-170	3.7	0

11	A selection function for pitched instrument source separation. *Multimedia Systems*,1	2.2	0
10	Causal Inference with Knowledge Distilling and Curriculum Learning for Unbiased VQA. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2022**, 18, 1-23	3.4	0
9	Sketch-Based Image Retrieval with Multiple Binary HoG Descriptor. *Communications in Computer and Information Science*, **2018**, 32-42	0.3	
8	Attributes Consistent Faces Generation Under Arbitrary Poses. *Lecture Notes in Computer Science*, **2019**, 83-97	0.9	
7	Effective Action Detection Using Temporal Context and Posterior Probability of Length. *Lecture Notes in Computer Science*, **2018**, 106-117	0.9	
6	Matrix Entropy Driven Maximum Margin Feature Learning. *Lecture Notes in Computer Science*, **2018**, 375-387	0.9	
5	Temporal Action Localization Based on Temporal Evolution Model and Multiple Instance Learning. *Lecture Notes in Computer Science*, **2019**, 341-351	0.9	
4	Real-Time Head Pose Estimation by RGB-D Camera. *Lecture Notes in Computer Science*, **2013**, 698-707	0.9	
3	Discriminative supplementary representation learning for novel-category classification. *Neurocomputing*, **2020**, 398, 469-476	5.4	
2	Bi-branch network for dynamic scene deblurring. *Computer Vision and Image Understanding*, **2021**, 202, 103100	4.3	
1	Mini Neural Networks for Effective and Efficient Mobile Album Organization. *Lecture Notes in Computer Science*, **2018**, 802-810	0.9	