

Yang Yang

List of Publications by Citations

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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.

124
papers

4,067
citations

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138
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5,235
ext. citations

5.6
avg, IF

6.1
L-index

#	Paper	IF	Citations
124	Inter-media hashing for large-scale retrieval from heterogeneous data sources 2013 ,		307
123	Adversarial Cross-Modal Retrieval 2017 ,		291
122	Learning Discriminative Binary Codes for Large-scale Cross-modal Retrieval. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 2494-2507	8.7	247
121	Unsupervised Deep Hashing with Similarity-Adaptive and Discrete Optimization. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 3034-3044	13.3	213
120	Multitask spectral clustering by exploring intertask correlation. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 1069-80	10.2	130
119	Video Captioning by Adversarial LSTM. <i>IEEE Transactions on Image Processing</i> , 2018 ,	8.7	118
118	A Fast Optimization Method for General Binary Code Learning. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 5610-5621	8.7	116
117	Self-taught dimensionality reduction on the high-dimensional small-sized data. <i>Pattern Recognition</i> , 2013 , 46, 215-229	7.7	112
116	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 1677-1689	6.6	111
115	Describing Video With Attention-Based Bidirectional LSTM. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2631-2641	10.2	98
114	Attribute-augmented semantic hierarchy 2013 ,		94
113	Ternary Adversarial Networks With Self-Supervision for Zero-Shot Cross-Modal Retrieval. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2400-2413	10.2	94
112	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 2022-2032	6.6	90
111	Zero-Shot Hashing via Transferring Supervised Knowledge 2016 ,		84
110	Robust discrete code modeling for supervised hashing. <i>Pattern Recognition</i> , 2018 , 75, 128-135	7.7	82
109	Learning Binary Codes for Maximum Inner Product Search 2015 ,		81
108	Semi-Paired Discrete Hashing: Learning Latent Hash Codes for Semi-Paired Cross-View Retrieval. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 4275-4288	10.2	78

107	Collective Reconstructive Embeddings for Cross-modal Hashing. <i>IEEE Transactions on Image Processing</i> , 2018 ,	8.7	74
106	Tag localization with spatial correlations and joint group sparsity 2011 ,		74
105	. <i>IEEE Transactions on Big Data</i> , 2015 , 1, 162-171	3.2	71
104	Matrix Tri-Factorization with Manifold Regularizations for Zero-Shot Learning 2017 ,		68
103	Hashing with Angular Reconstructive Embeddings. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 545-555	8.7	67
102	Cross-Modal Attention With Semantic Consistence for Image-Text Matching. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 5412-5425	10.3	59
101	Discrete Nonnegative Spectral Clustering. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2017 , 29, 1834-1845	4.2	54
100	Deep Asymmetric Pairwise Hashing 2017 ,		54
99	Exploiting Subspace Relation in Semantic Labels for Cross-Modal Hashing. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	53
98	More is Better: Precise and Detailed Image Captioning Using Online Positive Recall and Missing Concepts Mining. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 32-44	8.7	49
97	Scalable Deep Hashing for Large-scale Social Image Retrieval. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	49
96	Deep Fusion of Multiple Semantic Cues for Complex Event Recognition. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 1033-46	8.7	48
95	Effective transfer tagging from image to video. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2013 , 9, 1-20	3.4	47
94	Graph Convolutional Network Hashing. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1460-1472	10.2	47
93	Face image classification by pooling raw features. <i>Pattern Recognition</i> , 2016 , 54, 94-103	7.7	40
92	Robust Web Image Annotation via Exploring Multi-Facet and Structural Knowledge. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 4871-4884	8.7	37
91	Hierarchical Multi-Clue Modelling for POI Popularity Prediction with Heterogeneous Tourist Information. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019 , 31, 757-768	4.2	31
90	Visual Coding in a Semantic Hierarchy 2015 ,		30

89	Cross-domain facial expression recognition via an intra-category common feature and inter-category Distinction feature fusion network. <i>Neurocomputing</i> , 2019 , 333, 231-239	5.4	30
88	Bidirectional Long-Short Term Memory for Video Description 2016 ,		29
87	Matching Images and Text with Multi-modal Tensor Fusion and Re-ranking 2019 ,		29
86	Classification by Retrieval 2017 ,		28
85	. <i>IEEE Transactions on Multimedia</i> , 2015 , 17, 1562-1575	6.6	28
84	A Survey of Human Action Analysis in HRI Applications. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 2114-2128	6.4	26
83	Adaptively Attending to Visual Attributes and Linguistic Knowledge for Captioning 2017 ,		23
82	Attribute hashing for zero-shot image retrieval 2017 ,		21
81	Modal-adversarial Semantic Learning Network for Extendable Cross-modal Retrieval 2018 ,		20
80	Universal Weighting Metric Learning for Cross-Modal Matching 2020 ,		20
79	Toward Effective Intrusion Detection Using Log-Cosh Conditional Variational Autoencoder. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 6187-6196	10.7	20
78	A Context Knowledge Map Guided Coarse-to-fine Action Recognition. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	19
77	One-shot learning based pattern transition map for action early recognition. <i>Signal Processing</i> , 2018 , 143, 364-370	4.4	19
76	Scalable Zero-Shot Learning via Binary Visual-Semantic Embeddings. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	17
75	Multi-view feature selection and classification for Alzheimer's Disease diagnosis. <i>Multimedia Tools and Applications</i> , 2017 , 76, 10761-10775	2.5	16
74	The Disruptions of 5G on Data-Driven Technologies and Applications. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 32, 1179-1198	4.2	16
73	Recurrent attention network using spatial-temporal relations for action recognition. <i>Signal Processing</i> , 2018 , 145, 137-145	4.4	16
72	A Large-scale RGB-D Database for Arbitrary-view Human Action Recognition 2018 ,		16

71	Hierarchical Latent Concept Discovery for Video Event Detection. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 2149-2162	8.7	15
70	Zero-shot learning via discriminative representation extraction. <i>Pattern Recognition Letters</i> , 2018 , 109, 27-34	4.7	14
69	CRA-Net 2019 ,		14
68	Word-to-region attention network for visual question answering. <i>Multimedia Tools and Applications</i> , 2019 , 78, 3843-3858	2.5	14
67	Face recognition using linear representation ensembles. <i>Pattern Recognition</i> , 2016 , 59, 72-87	7.7	13
66	Web Video Event Recognition by Semantic Analysis From Ubiquitous Documents. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 5689-5701	8.7	13
65	Bidirectional Discrete Matrix Factorization Hashing for Image Search. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4157-4168	10.2	12
64	Supervised hashing with adaptive discrete optimization for multimedia retrieval. <i>Neurocomputing</i> , 2017 , 253, 97-103	5.4	11
63	Transfer tagging from image to video 2011 ,		11
62	Arbitrary-View Human Action Recognition: A Varying-View RGB-D Action Dataset. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 31, 289-300	6.4	11
61	Visual Spatial Attention Network for Relationship Detection 2018 ,		11
60	Adaptive Component Embedding for Domain Adaptation. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 3390-3403	10.2	10
59	MRA-Net: Improving VQA Via Multi-Modal Relation Attention Network. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2022 , 44, 318-329	13.3	10
58	Curiosity-driven Reinforcement Learning for Diverse Visual Paragraph Generation 2019 ,		10
57	Radial Graph Convolutional Network for Visual Question Generation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 1654-1667	10.3	10
56	L2,p-norm and sample constraint based feature selection and classification for AD diagnosis. <i>Neurocomputing</i> , 2016 , 195, 104-111	5.4	10
55	Discovering attractive segments in the user-generated video streams. <i>Information Processing and Management</i> , 2020 , 57, 102130	6.3	10
54	Statistical Karyotype Analysis Using CNN and Geometric Optimization. <i>IEEE Access</i> , 2019 , 7, 179445-179453	5.3	9

53	Combining multi-representation for multimedia event detection using co-training. <i>Neurocomputing</i> , 2016 , 217, 11-18	5.4	7
52	MR-NET: Exploiting Mutual Relation for Visual Relationship Detection. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019 , 33, 8110-8117	5	7
51	Optimal Projection Guided Transfer Hashing for Image Retrieval. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 3788-3802	6.4	7
50	Leveraging unpaired out-of-domain data for image captioning. <i>Pattern Recognition Letters</i> , 2020 , 132, 132-140	4.7	7
49	Dual Learning for Visual Question Generation 2018 ,		7
48	Captioning Videos Using Large-Scale Image Corpus. <i>Journal of Computer Science and Technology</i> , 2017 , 32, 480-493	1.7	6
47	Multi-scale aggregation network for temporal action proposals. <i>Pattern Recognition Letters</i> , 2019 , 122, 60-65	4.7	6
46	Answer Again: Improving VQA with Cascaded-Answering Model. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	6
45	A novel relevance feedback method for CBIR. <i>World Wide Web</i> , 2018 , 21, 1505-1522	2.9	6
44	On the Influence Propagation of Web Videos. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2014 , 26, 1961-1973	4.2	6
43	Incomplete Cross-modal Retrieval with Dual-Aligned Variational Autoencoders 2020 ,		6
42	Learning binary codes with local and inner data structure. <i>Neurocomputing</i> , 2018 , 282, 32-41	5.4	6
41	Jointly Modeling Static Visual Appearance and Temporal Pattern for Unsupervised Video Hashing 2017 ,		5
40	Self-weighted Multi-view Fuzzy Clustering. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2020 , 14, 1-17	4	5
39	Joint Feature Synthesis and Embedding: Adversarial Cross-modal Retrieval Revisited. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2020 , PP,	13.3	5
38	Deep Semantic Indexing Using Convolutional Localization Network with Region-Based Visual Attention for Image Database. <i>Lecture Notes in Computer Science</i> , 2017 , 261-272	0.9	5
37	Universal Weighting Metric Learning for Cross-Modal Retrieval. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	5
36	Arbitrary-view human action recognition via novel-view action generation. <i>Pattern Recognition</i> , 2021 , 118, 108043	7.7	5

35	Challenging tough samples in unsupervised domain adaptation. <i>Pattern Recognition</i> , 2021 , 110, 107540	7.7	4
34	Adversarial Attack Against Urban Scene Segmentation for Autonomous Vehicles. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 4117-4126	11.9	4
33	Coarse-to-Fine Annotation Enrichment for Semantic Segmentation Learning 2018 ,		4
32	. <i>IEEE Transactions on Multimedia</i> , 2021 , 1-1	6.6	4
31	Entity Slot Filling for Visual Captioning. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	4
30	Collaborative Learning for Extremely Low Bit Asymmetric Hashing. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	3
29	Attention Transfer (ANT) Network for View-invariant Action Recognition 2019 ,		3
28	Efficient Binary Coding for Subspace-based Query-by-Image Video Retrieval 2017 ,		3
27	Residual Graph Convolutional Networks for Zero-Shot Learning 2019 ,		3
26	Cross-Modal Hybrid Feature Fusion for Image-Sentence Matching. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2021 , 17, 1-23	3.4	3
25	Index and Retrieve Multimedia Data: Cross-Modal Hashing by Learning Subspace Relation. <i>Lecture Notes in Computer Science</i> , 2018 , 606-621	0.9	3
24	Hierarchical topology based hand pose estimation from a single depth image. <i>Multimedia Tools and Applications</i> , 2018 , 77, 10553-10568	2.5	2
23	EventEye 2014 ,		2
22	Sparse Graph Connectivity for Image Segmentation. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2020 , 14, 1-19	4	2
21	Deep-Like Hashing-in-Hash for Visual Retrieval: An Embarrassingly Simple Method. <i>IEEE Transactions on Image Processing</i> , 2020 , PP,	8.7	2
20	View-invariant action recognition via Unsupervised Attention Transfer (UANT). <i>Pattern Recognition</i> , 2021 , 113, 107807	7.7	2
19	Embedding and predicting the event at early stage. <i>World Wide Web</i> , 2019 , 22, 1055-1074	2.9	2
18	Asymmetric sparse hashing 2017 ,		1

17	Exploiting Concept Correlation with Attributes for Semantic Binary Representation Learning. <i>Communications in Computer and Information Science</i> , 2018 , 171-179	0.3	1
16	Semantic binary coding for visual recognition via joint concept-attribute modelling. <i>Multimedia Tools and Applications</i> , 2018 , 77, 22185-22198	2.5	1
15	Web-based SBLR method of multimedia tools for computer-aided drawing. <i>Multimedia Tools and Applications</i> , 2019 , 78, 799-816	2.5	1
14	Domain Invariant Subspace Learning for Cross-Modal Retrieval. <i>Lecture Notes in Computer Science</i> , 2018 , 94-105	0.9	1
13	PML-LocNet: Improving Object Localization with Prior-induced Multi-view Learning Network. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	1
12	Fooled by Imagination: Adversarial Attack to Image Captioning Via Perturbation in Complex Domain 2020 ,		1
11	Self-supervised adversarial learning for cross-modal retrieval 2021 ,		1
10	Region Attention Enhanced Unsupervised Cross-Domain Facial Emotion Recognition. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	0
9	. <i>IEEE Transactions on Multimedia</i> , 2021 , 1-1	6.6	0
8	Improving Rumor Detection by Promoting Information Campaigns with Transformer-based Generative Adversarial Learning. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	0
7	CC-LSTM: Cross and Conditional Long-Short Time Memory for Video Captioning. <i>Lecture Notes in Computer Science</i> , 2021 , 353-365	0.9	0
6	Learning a Weighted Classifier for Conditional Domain Adaptation. <i>Knowledge-Based Systems</i> , 2021 , 215, 106774	7.3	0
5	Interpretable Signed Link Prediction with Signed Infomax Hyperbolic Graph. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	
4	Enhanced context encoding for single image raindrop removal. <i>Science China Technological Sciences</i> , 2021 , 1-1	3.5	
3	Efficient Supervised Hashing via Exploring Local and Inner Data Structure. <i>Lecture Notes in Computer Science</i> , 2017 , 98-109	0.9	
2	Binary code learning via optimal class representations. <i>Neurocomputing</i> , 2016 , 208, 59-65	5.4	
1	Modeling Two-Stream Correspondence for Visual Sound Separation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	