

# Yang Yang

## 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.

124  
papers

4,067  
citations

33  
h-index

61  
g-index

138  
ext. papers

5,235  
ext. citations

5.6  
avg. IF

6.1  
L-index

#	Paper	IF	Citations
124	MRA-Net: Improving VQA Via Multi-Modal Relation Attention Network. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2022</b> , 44, 318-329	13.3	10
123	Adaptive Component Embedding for Domain Adaptation. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 3390-3403	10.2	10
122	Cross-Modal Hybrid Feature Fusion for Image-Sentence Matching. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , <b>2021</b> , 17, 1-23	3.4	3
121	Region Attention Enhanced Unsupervised Cross-Domain Facial Emotion Recognition. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2021</b> , 1-1	4.2	0
120	Interpretable Signed Link Prediction with Signed Infomax Hyperbolic Graph. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2021</b> , 1-1	4.2	
119	Self-supervised adversarial learning for cross-modal retrieval <b>2021</b> ,		1
118	Toward Effective Intrusion Detection Using Log-Cosh Conditional Variational Autoencoder. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 6187-6196	10.7	20
117	Radial Graph Convolutional Network for Visual Question Generation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 1654-1667	10.3	10
116	View-invariant action recognition via Unsupervised Attention Transfer (UANT). <i>Pattern Recognition</i> , <b>2021</b> , 113, 107807	7.7	2
115	Arbitrary-View Human Action Recognition: A Varying-View RGB-D Action Dataset. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2021</b> , 31, 289-300	6.4	11
114	Challenging tough samples in unsupervised domain adaptation. <i>Pattern Recognition</i> , <b>2021</b> , 110, 107540	7.7	4
113	Adversarial Attack Against Urban Scene Segmentation for Autonomous Vehicles. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 4117-4126	11.9	4
112	Modeling Two-Stream Correspondence for Visual Sound Separation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2021</b> , 1-1	6.4	
111	Universal Weighting Metric Learning for Cross-Modal Retrieval. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2021</b> , PP,	13.3	5
110	. <i>IEEE Transactions on Multimedia</i> , <b>2021</b> , 1-1	6.6	0
109	Improving Rumor Detection by Promoting Information Campaigns with Transformer-based Generative Adversarial Learning. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2021</b> , 1-1	4.2	0
108	CC-LSTM: Cross and Conditional Long-Short Time Memory for Video Captioning. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 353-365	0.9	0

107	Learning a Weighted Classifier for Conditional Domain Adaptation. <i>Knowledge-Based Systems</i> , <b>2021</b> , 215, 106774	7.3	0
106	Arbitrary-view human action recognition via novel-view action generation. <i>Pattern Recognition</i> , <b>2021</b> , 118, 108043	7.7	5
105	. <i>IEEE Transactions on Multimedia</i> , <b>2021</b> , 1-1	6.6	4
104	Entity Slot Filling for Visual Captioning. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2021</b> , 1-1	6.4	4
103	Answer Again: Improving VQA with Cascaded-Answering Model. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 1-1	4.2	6
102	Cross-Modal Attention With Semantic Consistence for Image-Text Matching. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 5412-5425	10.3	59
101	The Disruptions of 5G on Data-Driven Technologies and Applications. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 32, 1179-1198	4.2	16
100	Exploiting Subspace Relation in Semantic Labels for Cross-Modal Hashing. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 1-1	4.2	53
99	Collaborative Learning for Extremely Low Bit Asymmetric Hashing. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 1-1	4.2	3
98	Incomplete Cross-modal Retrieval with Dual-Aligned Variational Autoencoders <b>2020</b> ,		6
97	Self-weighted Multi-view Fuzzy Clustering. <i>ACM Transactions on Knowledge Discovery From Data</i> , <b>2020</b> , 14, 1-17	4	5
96	Joint Feature Synthesis and Embedding: Adversarial Cross-modal Retrieval Revisited. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2020</b> , PP,	13.3	5
95	Sparse Graph Connectivity for Image Segmentation. <i>ACM Transactions on Knowledge Discovery From Data</i> , <b>2020</b> , 14, 1-19	4	2
94	Bidirectional Discrete Matrix Factorization Hashing for Image Search. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 4157-4168	10.2	12
93	Optimal Projection Guided Transfer Hashing for Image Retrieval. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2020</b> , 30, 3788-3802	6.4	7
92	Fooled by Imagination: Adversarial Attack to Image Captioning Via Perturbation in Complex Domain <b>2020</b> ,		1
91	Deep-Like Hashing-in-Hash for Visual Retrieval: An Embarrassingly Simple Method. <i>IEEE Transactions on Image Processing</i> , <b>2020</b> , PP,	8.7	2
90	Universal Weighting Metric Learning for Cross-Modal Matching <b>2020</b> ,		20

89	Leveraging unpaired out-of-domain data for image captioning. <i>Pattern Recognition Letters</i> , <b>2020</b> , 132, 132-140	4.7	7
88	Graph Convolutional Network Hashing. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 1460-1472	10.2	47
87	A Survey of Human Action Analysis in HRI Applications. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2020</b> , 30, 2114-2128	6.4	26
86	Discovering attractive segments in the user-generated video streams. <i>Information Processing and Management</i> , <b>2020</b> , 57, 102130	6.3	10
85	Ternary Adversarial Networks With Self-Supervision for Zero-Shot Cross-Modal Retrieval. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 2400-2413	10.2	94
84	Multi-scale aggregation network for temporal action proposals. <i>Pattern Recognition Letters</i> , <b>2019</b> , 122, 60-65	4.7	6
83	A Context Knowledge Map Guided Coarse-to-fine Action Recognition. <i>IEEE Transactions on Image Processing</i> , <b>2019</b> ,	8.7	19
82	Hierarchical Multi-Clue Modelling for POI Popularity Prediction with Heterogeneous Tourist Information. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2019</b> , 31, 757-768	4.2	31
81	Describing Video With Attention-Based Bidirectional LSTM. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 2631-2641	10.2	98
80	More is Better: Precise and Detailed Image Captioning Using Online Positive Recall and Missing Concepts Mining. <i>IEEE Transactions on Image Processing</i> , <b>2019</b> , 28, 32-44	8.7	49
79	Web-based SBLR method of multimedia tools for computer-aided drawing. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 799-816	2.5	1
78	MR-NET: Exploiting Mutual Relation for Visual Relationship Detection. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , <b>2019</b> , 33, 8110-8117	5	7
77	CRA-Net <b>2019</b> ,		14
76	Attention Transfer (ANT) Network for View-invariant Action Recognition <b>2019</b> ,		3
75	Residual Graph Convolutional Networks for Zero-Shot Learning <b>2019</b> ,		3
74	Curiosity-driven Reinforcement Learning for Diverse Visual Paragraph Generation <b>2019</b> ,		10
73	PML-LocNet: Improving Object Localization with Prior-induced Multi-view Learning Network. <i>IEEE Transactions on Image Processing</i> , <b>2019</b> ,	8.7	1
72	Scalable Zero-Shot Learning via Binary Visual-Semantic Embeddings. <i>IEEE Transactions on Image Processing</i> , <b>2019</b> ,	8.7	17

71	Statistical Karyotype Analysis Using CNN and Geometric Optimization. <i>IEEE Access</i> , <b>2019</b> , 7, 179445-179453	5.3	9
70	Matching Images and Text with Multi-modal Tensor Fusion and Re-ranking <b>2019</b> ,		29
69	Cross-domain facial expression recognition via an intra-category common feature and inter-category Distinction feature fusion network. <i>Neurocomputing</i> , <b>2019</b> , 333, 231-239	5.4	30
68	Word-to-region attention network for visual question answering. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 3843-3858	2.5	14
67	Embedding and predicting the event at early stage. <i>World Wide Web</i> , <b>2019</b> , 22, 1055-1074	2.9	2
66	Scalable Deep Hashing for Large-scale Social Image Retrieval. <i>IEEE Transactions on Image Processing</i> , <b>2019</b> ,	8.7	49
65	Exploiting Concept Correlation with Attributes for Semantic Binary Representation Learning. <i>Communications in Computer and Information Science</i> , <b>2018</b> , 171-179	0.3	1
64	Semantic binary coding for visual recognition via joint concept-attribute modelling. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 22185-22198	2.5	1
63	Unsupervised Deep Hashing with Similarity-Adaptive and Discrete Optimization. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2018</b> , 40, 3034-3044	13.3	213
62	A novel relevance feedback method for CBIR. <i>World Wide Web</i> , <b>2018</b> , 21, 1505-1522	2.9	6
61	Hashing with Angular Reconstructive Embeddings. <i>IEEE Transactions on Image Processing</i> , <b>2018</b> , 27, 545-555	5.7	67
60	Hierarchical topology based hand pose estimation from a single depth image. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 10553-10568	2.5	2
59	Robust discrete code modeling for supervised hashing. <i>Pattern Recognition</i> , <b>2018</b> , 75, 128-135	7.7	82
58	One-shot learning based pattern transition map for action early recognition. <i>Signal Processing</i> , <b>2018</b> , 143, 364-370	4.4	19
57	Zero-shot learning via discriminative representation extraction. <i>Pattern Recognition Letters</i> , <b>2018</b> , 109, 27-34	4.7	14
56	Video Captioning by Adversarial LSTM. <i>IEEE Transactions on Image Processing</i> , <b>2018</b> ,	8.7	118
55	Modal-adversarial Semantic Learning Network for Extendable Cross-modal Retrieval <b>2018</b> ,		20
54	Collective Reconstructive Embeddings for Cross-modal Hashing. <i>IEEE Transactions on Image Processing</i> , <b>2018</b> ,	8.7	74

53	Domain Invariant Subspace Learning for Cross-Modal Retrieval. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 94-105	0.9	1
52	Learning binary codes with local and inner data structure. <i>Neurocomputing</i> , <b>2018</b> , 282, 32-41	5.4	6
51	Recurrent attention network using spatial-temporal relations for action recognition. <i>Signal Processing</i> , <b>2018</b> , 145, 137-145	4.4	16
50	Dual Learning for Visual Question Generation <b>2018</b> ,		7
49	Coarse-to-Fine Annotation Enrichment for Semantic Segmentation Learning <b>2018</b> ,		4
48	A Large-scale RGB-D Database for Arbitrary-view Human Action Recognition <b>2018</b> ,		16
47	Visual Spatial Attention Network for Relationship Detection <b>2018</b> ,		11
46	Index and Retrieve Multimedia Data: Cross-Modal Hashing by Learning Subspace Relation. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 606-621	0.9	3
45	Multi-view feature selection and classification for Alzheimer's Disease diagnosis. <i>Multimedia Tools and Applications</i> , <b>2017</b> , 76, 10761-10775	2.5	16
44	Hierarchical Latent Concept Discovery for Video Event Detection. <i>IEEE Transactions on Image Processing</i> , <b>2017</b> , 26, 2149-2162	8.7	15
43	Supervised hashing with adaptive discrete optimization for multimedia retrieval. <i>Neurocomputing</i> , <b>2017</b> , 253, 97-103	5.4	11
42	Captioning Videos Using Large-Scale Image Corpus. <i>Journal of Computer Science and Technology</i> , <b>2017</b> , 32, 480-493	1.7	6
41	Discrete Nonnegative Spectral Clustering. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2017</b> , 29, 1834-1845	4.2	54
40	Robust Web Image Annotation via Exploring Multi-Facet and Structural Knowledge. <i>IEEE Transactions on Image Processing</i> , <b>2017</b> , 26, 4871-4884	8.7	37
39	Learning Discriminative Binary Codes for Large-scale Cross-modal Retrieval. <i>IEEE Transactions on Image Processing</i> , <b>2017</b> , 26, 2494-2507	8.7	247
38	Classification by Retrieval <b>2017</b> ,		28
37	Asymmetric sparse hashing <b>2017</b> ,		1
36	Attribute hashing for zero-shot image retrieval <b>2017</b> ,		21

35	Matrix Tri-Factorization with Manifold Regularizations for Zero-Shot Learning <b>2017</b> ,		68
34	Adaptively Attending to Visual Attributes and Linguistic Knowledge for Captioning <b>2017</b> ,		23
33	Adversarial Cross-Modal Retrieval <b>2017</b> ,		291
32	. <i>IEEE Transactions on Multimedia</i> , <b>2017</b> , 19, 2022-2032	6.6	90
31	Semi-Paired Discrete Hashing: Learning Latent Hash Codes for Semi-Paired Cross-View Retrieval. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 4275-4288	10.2	78
30	Jointly Modeling Static Visual Appearance and Temporal Pattern for Unsupervised Video Hashing <b>2017</b> ,		5
29	Efficient Binary Coding for Subspace-based Query-by-Image Video Retrieval <b>2017</b> ,		3
28	Deep Asymmetric Pairwise Hashing <b>2017</b> ,		54
27	Deep Semantic Indexing Using Convolutional Localization Network with Region-Based Visual Attention for Image Database. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 261-272	0.9	5
26	Efficient Supervised Hashing via Exploring Local and Inner Data Structure. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 98-109	0.9	
25	Combining multi-representation for multimedia event detection using co-training. <i>Neurocomputing</i> , <b>2016</b> , 217, 11-18	5.4	7
24	Zero-Shot Hashing via Transferring Supervised Knowledge <b>2016</b> ,		84
23	Deep Fusion of Multiple Semantic Cues for Complex Event Recognition. <i>IEEE Transactions on Image Processing</i> , <b>2016</b> , 25, 1033-46	8.7	48
22	Face recognition using linear representation ensembles. <i>Pattern Recognition</i> , <b>2016</b> , 59, 72-87	7.7	13
21	Face image classification by pooling raw features. <i>Pattern Recognition</i> , <b>2016</b> , 54, 94-103	7.7	40
20	Bidirectional Long-Short Term Memory for Video Description <b>2016</b> ,		29
19	L2,p-norm and sample constraint based feature selection and classification for AD diagnosis. <i>Neurocomputing</i> , <b>2016</b> , 195, 104-111	5.4	10
18	Binary code learning via optimal class representations. <i>Neurocomputing</i> , <b>2016</b> , 208, 59-65	5.4	

17	Web Video Event Recognition by Semantic Analysis From Ubiquitous Documents. <i>IEEE Transactions on Image Processing</i> , <b>2016</b> , 25, 5689-5701	8.7	13
16	A Fast Optimization Method for General Binary Code Learning. <i>IEEE Transactions on Image Processing</i> , <b>2016</b> , 25, 5610-5621	8.7	116
15	. <i>IEEE Transactions on Multimedia</i> , <b>2015</b> , 17, 1562-1575	6.6	28
14	Multitask spectral clustering by exploring intertask correlation. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 1069-80	10.2	130
13	Visual Coding in a Semantic Hierarchy <b>2015</b> ,		30
12	Learning Binary Codes for Maximum Inner Product Search <b>2015</b> ,		81
11	. <i>IEEE Transactions on Big Data</i> , <b>2015</b> , 1, 162-171	3.2	71
10	. <i>IEEE Transactions on Multimedia</i> , <b>2014</b> , 16, 1677-1689	6.6	111
9	On the Influence Propagation of Web Videos. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2014</b> , 26, 1961-1973	4.2	6
8	EventEye <b>2014</b> ,		2
7	Self-taught dimensionality reduction on the high-dimensional small-sized data. <i>Pattern Recognition</i> , <b>2013</b> , 46, 215-229	7.7	112
6	Effective transfer tagging from image to video. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , <b>2013</b> , 9, 1-20	3.4	47
5	Attribute-augmented semantic hierarchy <b>2013</b> ,		94
4	Inter-media hashing for large-scale retrieval from heterogeneous data sources <b>2013</b> ,		307
3	Tag localization with spatial correlations and joint group sparsity <b>2011</b> ,		74
2	Transfer tagging from image to video <b>2011</b> ,		11
1	Enhanced context encoding for single image raindrop removal. <i>Science China Technological Sciences</i> , <b>2011</b>	3.5	