

# Jun Yu

## 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.

72  
papers

5,361  
citations

31  
h-index

73  
g-index

79  
ext. papers

6,526  
ext. citations

6.8  
avg, IF

6.41  
L-index

#	Paper	IF	Citations
72	Exploring Fine-grained Cluster Structure Knowledge for Unsupervised Domain Adaptation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2022</b> , 1-1	6.4	1
71	Towards Knowledge-aware Video Captioning via Transitive Visual Relationship Detection. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2022</b> , 1-1	6.4	0
70	Local-Global Graph Pooling via Mutual Information Maximization for Video-Paragraph Retrieval. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2022</b> , 1-1	6.4	
69	Toward Realistic Face Photo-Sketch Synthesis via Composition-Aided GANs. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 4350-4362	10.2	14
68	Generalized Multi-view Collaborative Subspace Clustering. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2021</b> , 1-1	6.4	0
67	Robust Kernelized Multiview Self-Representation for Subspace Clustering. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 868-881	10.3	12
66	Long-Term Video Question Answering via Multimodal Hierarchical Memory Attentive Networks. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2021</b> , 31, 931-944	6.4	10
65	Coupled Knowledge Transfer for Visual Data Recognition. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2021</b> , 31, 1776-1789	6.4	5
64	. <i>IEEE Transactions on Multimedia</i> , <b>2021</b> , 1-1	6.6	
63	Intra- and Inter-modal Multilinear Pooling with Multitask Learning for Video Grounding. <i>Neural Processing Letters</i> , <b>2020</b> , 52, 1863-1879	2.4	0
62	Representation learning of image composition for aesthetic prediction. <i>Computer Vision and Image Understanding</i> , <b>2020</b> , 199, 103024	4.3	4
61	TVENet: Temporal variance embedding network for fine-grained action representation. <i>Pattern Recognition</i> , <b>2020</b> , 103, 107267	7.7	3
60	Joint Deep Multi-View Learning for Image Clustering. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 1-1	4.2	5
59	Incremental focal loss GANs. <i>Information Processing and Management</i> , <b>2020</b> , 57, 102192	6.3	2
58	Multimodal Transformer With Multi-View Visual Representation for Image Captioning. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2020</b> , 30, 4467-4480	6.4	113
57	Multi-task Compositional Network for Visual Relationship Detection. <i>International Journal of Computer Vision</i> , <b>2020</b> , 128, 2146-2165	10.6	10
56	Multiview Consensus Structure Discovery. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	3

55	Guest Editorial Introduction to the Special Section on Representation Learning for Visual Content Understanding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2020</b> , 30, 2797-2800	6.4	2
54	Generalized Latent Multi-View Subspace Clustering. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2020</b> , 42, 86-99	13.3	177
53	How to achieve auto-identification in Raman analysis by spectral feature extraction & Adaptive Hypergraph. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 222, 117086	4.4	4
52	End-to-end visual grounding via region proposal networks and bilinear pooling. <i>IET Computer Vision</i> , <b>2019</b> , 13, 131-138	1.4	0
51	PCPCAD: Proposal Complementary Action Detector <b>2019</b> ,		1
50	On Exploring Undetermined Relationships for Visual Relationship Detection <b>2019</b> ,		23
49	Deep Modular Co-Attention Networks for Visual Question Answering <b>2019</b> ,		143
48	Robust Subspace Clustering by Cauchy Loss Function. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2019</b> , 30, 2067-2078	10.3	27
47	Multimodal Face-Pose Estimation With Multitask Manifold Deep Learning. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 3952-3961	11.9	130
46	Receptive Field Size vs. Model Depth for Single Image Super-resolution. <i>IEEE Transactions on Image Processing</i> , <b>2019</b> ,	8.7	9
45	Blind image quality prediction by exploiting multi-level deep representations. <i>Pattern Recognition</i> , <b>2018</b> , 81, 432-442	7.7	68
44	Click data guided query modeling with click propagation and sparse coding. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 22145-22158	2.5	3
43	Webly-Supervised Fine-Grained Visual Categorization via Deep Domain Adaptation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2018</b> , 40, 1100-1113	13.3	44
42	SCE: A Manifold Regularized Set-Covering Method for Data Partitioning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 1760-1773	10.3	15
41	Multitask Autoencoder Model for Recovering Human Poses. <i>IEEE Transactions on Industrial Electronics</i> , <b>2018</b> , 65, 5060-5068	8.9	125
40	Open-Ended Long-form Video Question Answering via Adaptive Hierarchical Reinforced Networks <b>2018</b> ,		21
39	Patch Alignment Manifold Matting. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 3214-3226	10.3	32
38	Deep Point Convolutional Approach for 3D Model Retrieval <b>2018</b> ,		4

37	Three-dimensional image-based human pose recovery with hypergraph regularized autoencoders. <i>Multimedia Tools and Applications</i> , <b>2017</b> , 76, 10919-10937	2.5	2
36	Algorithm-Dependent Generalization Bounds for Multi-Task Learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2017</b> , 39, 227-241	13.3	77
35	Active Multitask Learning With Trace Norm Regularization Based on Excess Risk. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3906-3915	10.2	5
34	Multi-modal Factorized Bilinear Pooling with Co-attention Learning for Visual Question Answering <b>2017</b> ,		186
33	Dimensionality-Dependent Generalization Bounds for k-Dimensional Coding Schemes. <i>Neural Computation</i> , <b>2016</b> , 28, 2213-49	2.9	38
32	Deep Neural Network Boosted Large Scale Image Recognition Using User Click Data <b>2016</b> ,		5
31	Realtime and robust object matching with a large number of templates. <i>Multimedia Tools and Applications</i> , <b>2016</b> , 75, 1459-1480	2.5	10
30	Local Rademacher Complexity for Multi-Label Learning. <i>IEEE Transactions on Image Processing</i> , <b>2016</b> , 25, 1495-507	8.7	53
29	Multi-Directional Multi-Level Dual-Cross Patterns for Robust Face Recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2016</b> , 38, 518-31	13.3	229
28	Classification with Noisy Labels by Importance Reweighting. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2016</b> , 38, 447-61	13.3	292
27	Weakly Supervised Hand Pose Recovery with Domain Adaptation by Low-Rank Alignment <b>2016</b> ,		1
26	Non-Local Auto-Encoder With Collaborative Stabilization for Image Restoration. <i>IEEE Transactions on Image Processing</i> , <b>2016</b> , 25, 2117-29	8.7	55
25	$\beta$ -Laplacian Regularized Sparse Coding for Human Activity Recognition. <i>IEEE Transactions on Industrial Electronics</i> , <b>2016</b> , 1-1	8.9	26
24	Ensemble manifold regularized sparse low-rank approximation for multiview feature embedding. <i>Pattern Recognition</i> , <b>2015</b> , 48, 3102-3112	7.7	241
23	Multi-View Learning With Incomplete Views. <i>IEEE Transactions on Image Processing</i> , <b>2015</b> , 24, 5812-25	8.7	105
22	An efficient MRF embedded level set method for image segmentation. <i>IEEE Transactions on Image Processing</i> , <b>2015</b> , 24, 9-21	8.7	103
21	Multi-View Intact Space Learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2015</b> , 37, 2531-44	13.3	280
20	Random geometric prior forest for multiclass object segmentation. <i>IEEE Transactions on Image Processing</i> , <b>2015</b> , 24, 3060-70	8.7	10

19	Large-Margin Multi-View Information Bottleneck. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2014</b> , 36, 1559-72	13.3	192
18	PolSAR image classification using a semi-supervised classifier based on hypergraph learning. <i>Remote Sensing Letters</i> , <b>2014</b> , 5, 386-395	2.3	17
17	Semantic-based intelligent data clean framework for big data <b>2014</b> ,		3
16	Image-Based Three-Dimensional Human Pose Recovery by Multiview Locality-Sensitive Sparse Retrieval. <i>IEEE Transactions on Industrial Electronics</i> , <b>2014</b> , 1-1	8.9	24
15	Structured action classification with hypergraph regularization <b>2014</b> ,		1
14	A Nonlinear Adaptive Level Set for Image Segmentation. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 418-28.2	28.2	66
13	Tensor Discriminative Locality Alignment for Hyperspectral Image Spectral Spatial Feature Extraction. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2013</b> , 51, 242-256	8.1	218
12	Image-Based 3D Human Pose Recovery with Locality Sensitive Sparse Retrieval <b>2013</b> ,		18
11	Semisupervised multiview distance metric learning for cartoon synthesis. <i>IEEE Transactions on Image Processing</i> , <b>2012</b> , 21, 4636-48	8.7	217
10	Adaptive hypergraph learning and its application in image classification. <i>IEEE Transactions on Image Processing</i> , <b>2012</b> , 21, 3262-72	8.7	279
9	On combining multiple features for cartoon character retrieval and clip synthesis. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2012</b> , 42, 1413-27		78
8	Manifold regularized discriminative nonnegative matrix factorization with fast gradient descent. <i>IEEE Transactions on Image Processing</i> , <b>2011</b> , 20, 2030-48	8.7	243
7	Subspaces indexing model on Grassmann manifold for image search. <i>IEEE Transactions on Image Processing</i> , <b>2011</b> , 20, 2627-35	8.7	83
6	Complex object correspondence construction in two-dimensional animation. <i>IEEE Transactions on Image Processing</i> , <b>2011</b> , 20, 3257-69	8.7	92
5	A survey of graph edit distance. <i>Pattern Analysis and Applications</i> , <b>2010</b> , 13, 113-129	2.3	372
4	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2009</b> , 21, 1299-1313	4.2	298
3	Geometric mean for subspace selection. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2009</b> , 31, 260-74	13.3	428
2	Position constrained network for 3D human pose estimation. <i>Multimedia Systems</i> , 1	2.2	0

- 1 Bridging Composite and Real: Towards End-to-End Deep Image Matting. *International Journal of Computer Vision*,1

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