

Jun Yu

List of Publications by Year in descending order

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79
papers

7,682
citations

109264

35
h-index

123376

61
g-index

79
all docs

79
docs citations

79
times ranked

5837
citing authors

#	ARTICLE	IF	CITATIONS
1	A survey of graph edit distance. Pattern Analysis and Applications, 2010, 13, 113-129.	3.1	531
2	Geometric Mean for Subspace Selection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 260-274.	9.7	491
3	Classification with Noisy Labels by Importance Reweighting. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 447-461.	9.7	446
4	Deep Modular Co-Attention Networks for Visual Question Answering. , 2019, , .		430
5	Generalized Latent Multi-View Subspace Clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 86-99.	9.7	392
6	Multi-modal Factorized Bilinear Pooling with Co-attention Learning for Visual Question Answering. , 2017, , .		388
7	Patch Alignment for Dimensionality Reduction. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 1299-1313.	4.0	341
8	Adaptive Hypergraph Learning and its Application in Image Classification. IEEE Transactions on Image Processing, 2012, 21, 3262-3272.	6.0	341
9	Multi-View Intact Space Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2015, 37, 2531-2544.	9.7	329
10	Multi-Directional Multi-Level Dual-Cross Patterns for Robust Face Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 518-531.	9.7	294
11	Manifold Regularized Discriminative Nonnegative Matrix Factorization With Fast Gradient Descent. IEEE Transactions on Image Processing, 2011, 20, 2030-2048.	6.0	289
12	Ensemble manifold regularized sparse low-rank approximation for multiview feature embedding. Pattern Recognition, 2015, 48, 3102-3112.	5.1	260
13	Multimodal Transformer With Multi-View Visual Representation for Image Captioning. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4467-4480.	5.6	258
14	Semisupervised Multiview Distance Metric Learning for Cartoon Synthesis. IEEE Transactions on Image Processing, 2012, 21, 4636-4648.	6.0	254
15	Tensor Discriminative Locality Alignment for Hyperspectral Image Spectral Spatial Feature Extraction. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 242-256.	2.7	251
16	Large-Margin Multi-View Information Bottleneck. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 1559-1572.	9.7	230
17	Multimodal Face-Pose Estimation With Multitask Manifold Deep Learning. IEEE Transactions on Industrial Informatics, 2019, 15, 3952-3961.	7.2	225
18	Multi-View Learning With Incomplete Views. IEEE Transactions on Image Processing, 2015, 24, 5812-5825.	6.0	149

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19	Multitask Autoencoder Model for Recovering Human Poses. IEEE Transactions on Industrial Electronics, 2018, 65, 5060-5068.	5.2	136
20	An Efficient MRF Embedded Level Set Method for Image Segmentation. IEEE Transactions on Image Processing, 2015, 24, 9-21.	6.0	120
21	Complex Object Correspondence Construction in Two-Dimensional Animation. IEEE Transactions on Image Processing, 2011, 20, 3257-3269.	6.0	103
22	Subspaces Indexing Model on Grassmann Manifold for Image Search. IEEE Transactions on Image Processing, 2011, 20, 2627-2635.	6.0	95
23	Blind image quality prediction by exploiting multi-level deep representations. Pattern Recognition, 2018, 81, 432-442.	5.1	95
24	Algorithm-Dependent Generalization Bounds for Multi-Task Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 227-241.	9.7	94
25	On Combining Multiple Features for Cartoon Character Retrieval and Clip Synthesis. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1413-1427.	5.5	91
26	A Nonlinear Adaptive Level Set for Image Segmentation. IEEE Transactions on Cybernetics, 2014, 44, 418-428.	6.2	85
27	Webly-Supervised Fine-Grained Visual Categorization via Deep Domain Adaptation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 1100-1113.	9.7	68
28	Non-Local Auto-Encoder With Collaborative Stabilization for Image Restoration. IEEE Transactions on Image Processing, 2016, 25, 2117-2129.	6.0	65
29	Local Rademacher Complexity for Multi-Label Learning. IEEE Transactions on Image Processing, 2016, 25, 1495-1507.	6.0	61
30	On Exploring Undetermined Relationships for Visual Relationship Detection. , 2019, , .		57
31	Joint Deep Multi-View Learning for Image Clustering. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3594-3606.	4.0	51
32	Robust Subspace Clustering by Cauchy Loss Function. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2067-2078.	7.2	50
33	Toward Realistic Face Photo“Sketch Synthesis via Composition-Aided GANs. IEEE Transactions on Cybernetics, 2021, 51, 4350-4362.	6.2	50
34	Image-based 3D Human Pose Recovery by Multi-view Locality Sensitive Sparse Retrieval. IEEE Transactions on Industrial Electronics, 2014, , 1-1.	5.2	46
35	Dimensionality-Dependent Generalization Bounds for k -Dimensional Coding Schemes. Neural Computation, 2016, 28, 2213-2249.	1.3	45
36	p-Laplacian Regularized Sparse Coding for Human Activity Recognition. IEEE Transactions on Industrial Electronics, 2016, , 1-1.	5.2	39

#	ARTICLE	IF	CITATIONS
37	Robust Kernelized Multiview Self-Representation for Subspace Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 868-881.	7.2	39
38	Patch Alignment Manifold Matting. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3214-3226.	7.2	36
39	Bridging Composite and Real: Towards End-to-End Deep Image Matting. International Journal of Computer Vision, 2022, 130, 246-266.	10.9	35
40	Long-Term Video Question Answering via Multimodal Hierarchical Memory Attentive Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 931-944.	5.6	30
41	Open-Ended Long-form Video Question Answering via Adaptive Hierarchical Reinforced Networks. , 2018, , .		30
42	PolSAR image classification using a semi-supervised classifier based on hypergraph learning. Remote Sensing Letters, 2014, 5, 386-395.	0.6	23
43	Multi-task Compositional Network for Visual Relationship Detection. International Journal of Computer Vision, 2020, 128, 2146-2165.	10.9	22
44	Image-Based 3D Human Pose Recovery with Locality Sensitive Sparse Retrieval. , 2013, , .		19
45	SCE: A Manifold Regularized Set-Covering Method for Data Partitioning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1760-1773.	7.2	18
46	Receptive Field Size Versus Model Depth for Single Image Super-Resolution. IEEE Transactions on Image Processing, 2020, 29, 1669-1682.	6.0	18
47	Random Geometric Prior Forest for Multiclass Object Segmentation. IEEE Transactions on Image Processing, 2015, 24, 3060-3070.	6.0	14
48	Towards Knowledge-Aware Video Captioning via Transitive Visual Relationship Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 6753-6765.	5.6	14
49	Representation learning of image composition for aesthetic prediction. Computer Vision and Image Understanding, 2020, 199, 103024.	3.0	13
50	Active Multitask Learning With Trace Norm Regularization Based on Excess Risk. IEEE Transactions on Cybernetics, 2017, 47, 3906-3915.	6.2	11
51	Generalized Multi-View Collaborative Subspace Clustering. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3561-3574.	5.6	11
52	Realtime and robust object matching with a large number of templates. Multimedia Tools and Applications, 2016, 75, 1459-1480.	2.6	10
53	Exploring Fine-Grained Cluster Structure Knowledge for Unsupervised Domain Adaptation. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 5481-5494.	5.6	10
54	Multiview Consensus Structure Discovery. IEEE Transactions on Cybernetics, 2022, 52, 3469-3482.	6.2	9

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55	TVENet: Temporal variance embedding network for fine-grained action representation. Pattern Recognition, 2020, 103, 107267.	5.1	8
56	How to achieve auto-identification in Raman analysis by spectral feature extraction & Adaptive Hypergraph. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 222, 117086.	2.0	7
57	Coupled Knowledge Transfer for Visual Data Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1776-1789.	5.6	7
58	Deep Neural Network Boosted Large Scale Image Recognition Using User Click Data. , 2016, , .		6
59	Click data guided query modeling with click propagation and sparse coding. Multimedia Tools and Applications, 2018, 77, 22145-22158.	2.6	5
60	Deep Point Convolutional Approach for 3D Model Retrieval. , 2018, , .		5
61	TaoHighlight: Commodity-Aware Multi-Modal Video Highlight Detection in E-Commerce. IEEE Transactions on Multimedia, 2022, 24, 2606-2616.	5.2	4
62	Semantic-based intelligent data clean framework for big data. , 2014, , .		3
63	Machine learning for big visual analysis. Machine Vision and Applications, 2018, 29, 929-931.	1.7	3
64	Intra- and Inter-modal Multilinear Pooling with Multitask Learning for Video Grounding. Neural Processing Letters, 2020, 52, 1863-1879.	2.0	3
65	Incremental focal loss GANs. Information Processing and Management, 2020, 57, 102192.	5.4	3
66	Weakly Supervised Hand Pose Recovery with Domain Adaptation by Low-Rank Alignment. , 2016, , .		2
67	Three-dimensional image-based human pose recovery with hypergraph regularized autoencoders. Multimedia Tools and Applications, 2017, 76, 10919-10937.	2.6	2
68	PCPCAD: Proposal Complementary Action Detector. , 2019, , .		2
69	Guest Editorial Introduction to the Special Section on Representation Learning for Visual Content Understanding. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2797-2800.	5.6	2
70	Weakly Supervised Dense Video Captioning via Jointly Usage of Knowledge Distillation and Cross-modal Matching. , 2021, , .		2
71	Local-Global Graph Pooling via Mutual Information Maximization for Video-Paragraph Retrieval. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7133-7146.	5.6	2
72	Structured action classification with hypergraph regularization. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
73	Photo aesthetic quality assessment via label distribution learning. , 2016, , .		1
74	End-to-end visual grounding via region proposal networks and bilinear pooling. IET Computer Vision, 2019, 13, 131-138.	1.3	1
75	Position constrained network for 3D human pose estimation. Multimedia Systems, 2023, 29, 459-468.	3.0	1
76	Data-driven facial animation via hypergraph learning. , 2016, , .		0
77	Deep Mixture of Experts with Diverse Task Spaces. , 2017, , .		0
78	Contrastive learning of graph encoder for accelerating pedestrian trajectory prediction training. IET Image Processing, 0, , .	1.4	0
79	Learning Controlled Semantic Embedding for Cross-Modal Retrieval. , 2021, , .		0