Yuting Su

List of Publications by Year in Descending Order

127 papers	**1,784** citations	**22** h-index	**37** g-index
137 ext. papers	**2,213** ext. citations	**4** avg, IF	**5.5** L-index

#	Paper	IF	Citations
127	Iterative Residual Feature Refinement Network for Bit-Depth Enhancement. *IEEE Signal Processing Letters*, **2022**, 1-1	3.2	
126	LIMAN: Local Information based Multi Attention Network for 3D Shape Recognition. *IEEE MultiMedia*, **2021**, 1-1	2.1	1
125	Visual Sentiment Classification via Low-rank Regularization and Label Relaxation. *IEEE Transactions on Cognitive and Developmental Systems*, **2021**, 1-1	3	0
124	. *IEEE Transactions on Multimedia*, **2021**, 23, 2127-2138	6.6	1
123	Scene Graph Inference via Multi-Scale Context Modeling. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 31, 1031-1041	6.4	5
122	Spatio-Temporal Mitosis Detection in Time-Lapse Phase-Contrast Microscopy Image Sequences: A Benchmark. *IEEE Transactions on Medical Imaging*, **2021**, 40, 1319-1328	11.7	4
121	Key Facial Components Guided Micro-Expression Recognition Based on First & Second-Order Motion **2021**,		5
120	Exploring contextual information for view-wised 3D model retrieval. *Multimedia Tools and Applications*, **2021**, 80, 16397-16412	2.5	1
119	Learning robust affinity graph representation for multi-view clustering. *Information Sciences*, **2021**, 544, 155-167	7.7	21
118	. *IEEE Transactions on Multimedia*, **2021**, 23, 2259-2272	6.6	1
117	Generating Face Images With Attributes for Free. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 2733-2743	10.3	0
116	Residual-Guided Multiscale Fusion Network for Bit-Depth Enhancement. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 1-1	6.4	4
115	A Dual Rank-Constrained Filter Pruning Approach for Convolutional Neural Networks. *IEEE Signal Processing Letters*, **2021**, 28, 1734-1738	3.2	2
114	. *IEEE Transactions on Multimedia*, **2021**, 1-1	6.6	1
113	MMFN. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2021**, 16, 1-22	3.4	1
112	BE-ACGAN: Photo-realistic residual bit-depth enhancement by advanced conditional GAN. *Displays*, **2021**, 69, 102040	3.4	2
111	Deep low-rank matrix factorization with latent correlation estimation for micro-video multi-label classification. *Information Sciences*, **2021**, 575, 587-598	7.7	0

110	Predicting the popularity of micro-videos via a feature-discrimination transductive model. *Multimedia Systems*, **2020**, 26, 519-534	2.2	3
109	Low-Rank Regularized Deep Collaborative Matrix Factorization for Micro-Video Multi-Label Classification. *IEEE Signal Processing Letters*, **2020**, 27, 740-744	3.2	6
108	Low-Rank Regularized Multimodal Representation for Micro-Video Event Detection. *IEEE Access*, **2020**, 8, 87266-87274	3.5	
107	Two-Stream Network Based on Visual Saliency Sharing for 3D Model Recognition. *IEEE Access*, **2020**, 8, 5979-5989	3.5	4
106	ABSNet: Aesthetics-Based Saliency Network Using Multi-Task Convolutional Network. *IEEE Signal Processing Letters*, **2020**, 27, 2014-2018	3.2	2
105	Multi-View Graph Matching for 3D Model Retrieval. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2020**, 16, 1-20	3.4	0
104	Single image super-resolution via low-rank tensor representation and hierarchical dictionary learning. *Multimedia Tools and Applications*, **2020**, 79, 11767-11785	2.5	3
103	HGAN. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2020**, 15, 1-24	3.4	8
102	Mnemonics Training: Multi-Class Incremental Learning Without Forgetting **2020**,		35
101	SODA：Salient Object Detection With Structure-Adaptive & Scale-Adaptive Receptive Field. *IEEE Access*, **2020**, 8, 204160-204172	3.5	2
100	Hierarchical Deep Neural Network for Image Captioning. *Neural Processing Letters*, **2020**, 52, 1057-1067	2.4	4
99	An End-to-End Perceptual Quality Assessment Method via Score Distribution Prediction. *Neural Processing Letters*, **2020**, 51, 2123-2137	2.4	0
98	Subgraph learning for graph matching. *Pattern Recognition Letters*, **2020**, 130, 362-369	4.7	2
97	. *IEEE Transactions on Multimedia*, **2020**, 22, 1372-1383	6.6	31
96	. *IEEE Transactions on Multimedia*, **2020**, 22, 1555-1566	6.6	5
95	Sequential Saliency Guided Deep Neural Network for Joint Mitosis Identification and Localization in Time-Lapse Phase Contrast Microscopy Images. *IEEE Journal of Biomedical and Health Informatics*, **2020**, 24, 1367-1378	7.2	6
94	Joint Heterogeneous Feature Learning and Distribution Alignment for 2D Image-Based 3D Object Retrieval. *IEEE Transactions on Circuits and Systems for Video Technology*, **2020**, 30, 3765-3776	6.4	9
93	Fast Context-Adaptive Bit-Depth Enhancement via Linear Interpolation. *IEEE Access*, **2019**, 7, 59403-59412	3.5	1

92	Comprehensive image quality assessment via predicting the distribution of opinion score. *Multimedia Tools and Applications*, **2019**, 78, 24205-24222	2.5	3
91	. *IEEE Transactions on Multimedia*, **2019**, 21, 2397-2406	6.6	7
90	Photo-realistic image bit-depth enhancement via residual transposed convolutional neural network. *Neurocomputing*, **2019**, 347, 200-211	5.4	15
89	High-Order Temporal Correlation Model Learning for Time-Series Prediction. *IEEE Transactions on Cybernetics*, **2019**, 49, 2385-2397	10.2	22
88	A Framework of Joint Low-Rank and Sparse Regression for Image Memorability Prediction. *IEEE Transactions on Circuits and Systems for Video Technology*, **2019**, 29, 1296-1309	6.4	31
87	3D Object Retrieval Based on Multi-View Latent Variable Model. *IEEE Transactions on Circuits and Systems for Video Technology*, **2019**, 29, 868-880	6.4	22
86	Unsupervised Feature Learning With Graph Embedding for View-Based 3D Model Retrieval. *IEEE Access*, **2019**, 7, 95285-95296	3.5	5
85	BE-CALF: Bit-Depth Enhancement by Concatenating All Level Features of DNN. *IEEE Transactions on Image Processing*, **2019**, 28, 4926-4940	8.7	14
84	Low-rank approximation-based tensor decomposition model for subspace clustering. *Electronics Letters*, **2019**, 55, 406-408	1.1	0
83	. *IEEE Transactions on Circuits and Systems for Video Technology*, **2019**, 29, 1619-1630	6.4	12
82	Multi-guiding long short-term memory for video captioning. *Multimedia Systems*, **2019**, 25, 663-672	2.2	2
81	The assessment of 3D model representation for retrieval with CNN-RNN networks. *Multimedia Tools and Applications*, **2019**, 78, 16979-16994	2.5	9
80	Scene graph captioner: Image captioning based on structural visual representation. *Journal of Visual Communication and Image Representation*, **2019**, 58, 477-485	2.7	24
79	A structure-transfer-driven temporal subspace clustering for video summarization. *Multimedia Tools and Applications*, **2019**, 78, 24123-24145	2.5	2
78	Dual-Stream Recurrent Neural Network for Video Captioning. *IEEE Transactions on Circuits and Systems for Video Technology*, **2019**, 29, 2482-2493	6.4	47
77	Low-rank regularized tensor discriminant representation for image set classification. *Signal Processing*, **2019**, 156, 62-70	4.4	8
76	Wearable Computing for Internet of Things: A Discriminant Approach for Human Activity Recognition. *IEEE Internet of Things Journal*, **2019**, 6, 2749-2759	10.7	37
75	Pooled time series representation for mitosis event recognition. *Multimedia Systems*, **2019**, 25, 103-108	2.2	1

74	Open-view human action recognition based on linear discriminant analysis. *Multimedia Tools and Applications*, **2019**, 78, 767-782	2.5	4
73	Tensor-driven low-rank discriminant analysis for image set classification. *Multimedia Tools and Applications*, **2019**, 78, 4001-4020	2.5	7
72	LSTM-based multi-label video event detection. *Multimedia Tools and Applications*, **2019**, 78, 677-695	2.5	11
71	Smooth filtering identification based on convolutional neural networks. *Multimedia Tools and Applications*, **2019**, 78, 26851-26865	2.5	15
70	Visual attribute detction for pedestrian detection. *Multimedia Tools and Applications*, **2019**, 78, 26833-26850	2.5	
69	Low-Rank Multi-View Embedding Learning for Micro-Video Popularity Prediction. *IEEE Transactions on Knowledge and Data Engineering*, **2018**, 30, 1519-1532	4.2	79
68	Mitosis event recognition and detection based on evolution of feature in time domain. *Machine Vision and Applications*, **2018**, 29, 1249-1256	2.8	4
67	Low-Rank Regularized Heterogeneous Tensor Decomposition for Subspace Clustering. *IEEE Signal Processing Letters*, **2018**, 25, 333-337	3.2	27
66	Attention-in-Attention Networks for Surveillance Video Understanding in Internet of Things. *IEEE Internet of Things Journal*, **2018**, 5, 3419-3429	10.7	5
65	View-Based 3D Model Retrieval via Multi-graph Matching. *Neural Processing Letters*, **2018**, 48, 1395-1404	2.4	1
64	Human Action Recognition Based on Selected Spatio-Temporal Features via Bidirectional LSTM. *IEEE Access*, **2018**, 6, 44211-44220	3.5	13
63	Structured low-rank inverse-covariance estimation for visual sentiment distribution prediction. *Signal Processing*, **2018**, 152, 206-216	4.4	7
62	Multi-Level Policy and Reward Reinforcement Learning for Image Captioning **2018**,		10
61	Cross-Domain 3D Model Retrieval via Visual Domain Adaption **2018**,		6
60	Multi-Domain & Multi-Task Learning for Human Action Recognition. *IEEE Transactions on Image Processing*, **2018**,	8.7	24
59	3D model retrieval via single image based on feature mapping. *Multimedia Tools and Applications*, **2018**, 77, 22051-22069	2.5	1
58	A Review of Breast Cancer Detection in Medical Images **2018**,		6
57	Improving Bit-Depth Expansion via Context-Aware MMSE Optimization (CAMO). *IEEE Access*, **2018**, 6, 46396-46406	3.5	2

56	PANORAMA-Based Multi-Scale and Multi-Channel CNN for 3D Model Retrieval **2018**,		1
55	Low-rank regularized multi-view inverse-covariance estimation for visual sentiment distribution prediction. *Journal of Visual Communication and Image Representation*, **2018**, 57, 243-252	2.7	4
54	A Fine-Grained Spatial-Temporal Attention Model for Video Captioning. *IEEE Access*, **2018**, 6, 68463-68472	3.5	12
53	AMFNet: An Adversarial Network for Median Filtering Detection. *IEEE Access*, **2018**, 6, 50459-50467	3.5	7
52	Graph regularized low-rank tensor representation for feature selection. *Journal of Visual Communication and Image Representation*, **2018**, 56, 234-244	2.7	3
51	Sparsity-Based Image Inpainting Detection via Canonical Correlation Analysis With Low-Rank Constraints. *IEEE Access*, **2018**, 6, 49967-49978	3.5	13
50	Video logo removal detection based on sparse representation. *Multimedia Tools and Applications*, **2018**, 77, 29303-29322	2.5	2
49	Convolutional deep learning for 3D object retrieval. *Multimedia Systems*, **2017**, 23, 325-332	2.2	20
48	Hierarchical Clustering Multi-Task Learning for Joint Human Action Grouping and Recognition. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2017**, 39, 102-114	13.3	233
47	A spatial-temporal iterative tensor decomposition technique for action and gesture recognition. *Multimedia Tools and Applications*, **2017**, 76, 10635-10652	2.5	5
46	3D object retrieval based on Spatial+LDA model. *Multimedia Tools and Applications*, **2017**, 76, 4091-4104	2.5	6
45	Hierarchical image resampling detection based on blind deconvolution. *Journal of Visual Communication and Image Representation*, **2017**, 48, 480-490	2.7	13
44	. *IEEE Transactions on Multimedia*, **2017**, 19, 1050-1062	6.6	37
43	Automatic report generation based on multi-modal information. *Multimedia Tools and Applications*, **2017**, 76, 12005-12015	2.5	5
42	Hierarchical & multimodal video captioning: Discovering and transferring multimodal knowledge for vision to language. *Computer Vision and Image Understanding*, **2017**, 163, 113-125	4.3	22
41	Multi-Camera Action Dataset for Cross-Camera Action Recognition Benchmarking **2017**,		7
40	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
39	. *IEEE Transactions on Big Data*, **2017**, 3, 458-469	3.2	10

38	Spatiotemporal Joint Mitosis Detection Using CNN-LSTM Network in Time-Lapse Phase Contrast Microscopy Images. *IEEE Access*, **2017**, 5, 18033-18041	3.5	29
37	Mitosis Detection in Phase Contrast Microscopy Image Sequences of Stem Cell Populations: A Critical Review. *IEEE Transactions on Big Data*, **2017**, 3, 443-457	3.2	13
36	Benchmarking a Multimodal and Multiview and Interactive Dataset for Human Action Recognition. *IEEE Transactions on Cybernetics*, **2017**, 47, 1781-1794	10.2	61
35	Median filtering forensics in digital images based on frequency-domain features. *Multimedia Tools and Applications*, **2017**, 76, 22119-22132	2.5	19
34	Quality models for venue recommendation in location-based social network. *Multimedia Tools and Applications*, **2016**, 75, 12521-12534	2.5	3
33	Cross-domain semantic transfer from large-scale social media. *Multimedia Systems*, **2016**, 22, 75-85	2.2	13
32	Geo-location driven image tagging via cross-domain learning. *Multimedia Systems*, **2016**, 22, 395-404	2.2	1
31	A Tensor-Driven Temporal Correlation Model for Video Sequence Classification. *IEEE Signal Processing Letters*, **2016**, 23, 1246-1249	3.2	6
30	3D Convolutional Networks-Based Mitotic Event Detection in Time-Lapse Phase Contrast Microscopy Image Sequences of Stem Cell Populations **2016**,		14
29	Multi-Modal Clique-Graph Matching for View-Based 3D Model Retrieval. *IEEE Transactions on Image Processing*, **2016**, 25, 2103-16	8.7	105
28	Graph-based characteristic view set extraction and matching for 3D model retrieval. *Information Sciences*, **2015**, 320, 429-442	7.7	54
27	Multipe/single-view human action recognition via part-induced multitask structural learning. *IEEE Transactions on Cybernetics*, **2015**, 45, 1194-208	10.2	90
26	Multi-modal & Multi-view & Interactive Benchmark Dataset for Human Action Recognition **2015**,		14
25	Jointly Learning Multiple Sequential Dynamics for Human Action Recognition. *PLoS ONE*, **2015**, 10, e0130884	3.7	10
24	View-invariant feature discovering for multi-camera human action recognition **2014**,		2
23	Cell type-independent mitosis event detection via hidden-state conditional neural fields **2014**,		12
22	Rank canonical correlation analysis and its application in visual search reranking. *Signal Processing*, **2013**, 93, 2352-2360	4.4	15
21	Detection of JPEG double compression and identification of smartphone image source and post-capture manipulation. *Applied Intelligence*, **2013**, 39, 705-726	4.9	9

20	DETECTION OF DOUBLE MPEG-2 COMPRESSION BASED ON DISTRIBUTIONS OF DCT COEFFICIENTS. *International Journal of Pattern Recognition and Artificial Intelligence*, **2013**, 27, 1354001	1.1	27
19	Nonnegative mixed-norm convex optimization for mitotic cell detection in phase contrast microscopy. *Computational and Mathematical Methods in Medicine*, **2013**, 2013, 176272	2.8	12
18	Detection of video transcoding for digital forensics **2012**,		8
17	Adaptive resource allocation algorithm for internet of things with bandwidth constraint. *Transactions of Tianjin University*, **2012**, 18, 253-258	2.9	5
16	Diversifying the Image Relevance Reranking with Absorbing Random Walks **2011**,		2
15	A frame tampering detection algorithm for MPEG videos **2011**,		17
14	EXPOSING DIGITAL VIDEO LOGO-REMOVAL FORGERY BY INCONSISTENCY OF BLUR. *International Journal of Pattern Recognition and Artificial Intelligence*, **2010**, 24, 1027-1046	1.1	6
13	A NOVEL SOURCE MPEG-2 VIDEO IDENTIFICATION ALGORITHM. *International Journal of Pattern Recognition and Artificial Intelligence*, **2010**, 24, 1311-1328	1.1	6
12	Detection of Double-Compression in MPEG-2 Videos **2010**,		18
11	Surveillance video summarization based on moving object detection and trajectory extraction **2010**,		14
10	Robust Sea-Sky-Line Detection Based on Horizontal Projection and Hough Transformation **2009**,		6
9	Text detection in video frames using hybrid features **2009**,		5
8	Unstructured road detection using hybrid features **2009**,		7
7	Exposing Digital Video Forgery by Detecting Motion-Compensated Edge Artifact **2009**,		25
6	A new approach merging markov and DCT features for image splicing detection **2009**,		7
5	Surveillance Video Sequence Segmentation Based on Moving Object Detection **2009**,		2
4	A new approach for detecting Copy-Move forgery in digital images **2008**,		29
3	Caption Text Location with Combined Features for News Videos **2008**,		3