

2017年度

序号	名称	杂志/期刊	时间、期、卷、页码	作者
1	Watch, Attend and Parse: An End-to-end Neural Network Based Approach to Handwritten Mathematical Expression Recognition	in Pattern Recognition	Volume 71, November 2017	Jianshu Zhang, Jun Du, Shiliang Zhang, Dan Liu, Yulong Hu, Jinshui Hu, Si Wei, Lirong Dai*
2	Gaussian Prediction based Attention for Online End-to-End Speech Recognition	Proc.of Interspeech		Hou J., Zhang S., Dai L*
3	Non-Recurrent Neural Structure for Long-Term Dependency	IEEE/ACM Transactionson Audio, Speech, and Language Processing	Vol. 25, Issue: 4, 2017	Shi-Liang Zhang, Cong Liu, Hui Jiang, Si Wei, Li-Rong Dai, Yu Hu
4	基于深度学习的语音识别技术现状与展望	数据采集与处理		戴礼荣, 张仕良, 黄智颖.

5	Learning the Number of Nodes in DNNs with Activation Mask	Proc. Of APSIPA		J Huang Chen, Shiliang Zhang, Junfeng Hou, Lirong Dai
6	Feedforward Sequential Memory Networks based Encoder-Decoder Model for Machine Translation	Proc. Of APSIPA		J. Hou, S. Zhang, L. Dai, H. Jiang
7	A Gender Mixture Detection Approach to Unsupervised Single-Channel Speech Separation Based on Deep Neural Networks	IEEE-ACM TRANSACTIONS ON AUDIO SPEECH AND LANGUAGE PROCESSING	2017.07, Vol. 25, pp. 1535-1546	Yannan Wang, Jun Du*, Li-Rong Dai, Chin-Hui Lee
8	Hierarchical deep neural network for multivariate regression	Pattern Recognition	2017.03, Vol. 63, pp. 149-157	Jun Du*, Yong Xu

9	Watch, attend and parse: An end-to-end neural network based approach to handwritten mathematical expression recognition	Pattern Recognition	2017.11, Vol. 71, pp. 196-206	Jianshu Zhang, Jun Du*, Shiliang Zhang, Dan Liu, Yulong Hu, Jinshui Hu, Si Wei, Lirong Dai
10	A unified DNN approach to speaker-dependent simultaneous speech enhancement and speech separation in low SNR environments	Speech Communication	2017.12, Vol. 95, pp. 28-39	Tian Gao, Jun Du*, Li-Rong Dai, Chin-Hui Lee
11	Writer adaptation via deeply learned features for online Chinese handwriting recognition	INTERNATIONAL JOURNAL ON DOCUMENT ANALYSIS AND RECOGNITION	2017.03, Vol. 20, pp. 69-78	Jun Du*, Jian-Fang Zhai, Jin-Shui Hu
12	A Speaker-Dependent Approach to Single-Channel Joint Speech Separation and Acoustic Modeling Based on Deep Neural Networks for Robust Recognition of Multi-Talker Speech	Journal of Signal Processing Systems	2017.10, pp. 1-11	Yanhui Tu, Jun Du*, Chin-Hui Lee

13	Auxiliary Features from Laser-Doppler Vibrometer Sensor for Deep Neural Network Based Robust Speech Recognition	Journal of Signal Processing Systems	2017.10, pp. 1-9	Lei Sun, Jun Du*, Zhipeng Xie, Yong Xu
14	On Design of Robust Deep Models for CHiME-4 Multi-Channel Speech Recognition with Multiple Configurations of Array Microphones	Interspeech	2017.09, pp. 394-398	Yanhui Tu, Jun Du, Lei Sun, Feng Ma, Chin-Hui Lee
15	A Maximum Likelihood Approach to Deep Neural Network Based Nonlinear Spectral Mapping for Single-Channel Speech Separation	Interspeech	2017.09, pp.1178-1182	Yannan Wang, Jun Du, Lirong Dai, Chin-Hui Lee
16	A GRU-based Encoder-Decoder Approach with Attention for Online Handwritten Mathematical Expression Recognition	ICDAR	2017.11	Jianshu Zhang, Jun Du, Lirong Dai

17	An investigation of high-resolution modeling units of deep neural networks for acoustic scene classification	Proceedings of the International Joint Conference on Neural Networks	2017.05, pp.3028-3035	Xiao Bao, Tian Gao, Jun Du, Li-Rong Dai
18	Multiple-target deep learning for LSTM-RNN based speech enhancement	HSCMA	2017.03, pp.136-140	Lei Sun, Jun Du, Li-Rong Dai, Chin-Hui Lee
19	Joint noise and mask aware training for DNN-based speech enhancement with SUB-band features	HSCMA	2017.03, pp.136-140	Qing Wang, Jun Du, Li-Rong Dai, Chin-Hui Lee
20	On Generating Mixing Noise Signals With Basis Functions For Simulating Noisy Speech And Learning DNN-Based Speech Enhancement Models	MLSP	2017.09	Shixue Wen, Jun Du, Chin-Hui Lee

21	Gaussian Density Guided Deep Neural Network For Single-Channel Speech Enhancement	MLSP	2017.09	Li Chai, Jun Du, Yannan Wang
22	LSTM-Based Iterative Mask Estimation and Post-Processing for Multi-Channel Speech Enhancement	APSIPA	2017.12	Yanhui Tu, Jun Du, Lei Sun, Chin-Hui Lee
23	A Maximum Likelihood Approach to Deep Neural Network Based Speech Dereverberation	APSIPA	2017.12	Xin Wang, Jun Du, Yannan Wang
24	Dual Learning of the Generator and Recognizer for Chinese Characters	ACPR	2017.11	Yixin Zhu, Jun Du, Jianshu Zhang

25	Deep Convolutional Neural Network Based Hidden Markov Model for Offline Handwritten Chinese Text Recognition	ACPR	2017.11	Zi-Rui Wang, Jun Du, Jin-Shui Hu, Yu-Long Hu
26	Organizational Principles of Abstract Words in the Human Brain	Cerebral Cortex	pp. 1-14, 2017	Xiao-Sha Wang, Wei Wu, Zhen-Hua Ling , Yang-Wen Xu, Yu-Xing Fang, Xiao-Ying Wang, Jeffrey R. Binder, Wei-Wei Men, Jia-Hong Gao, and Yan-Chao Bi*
27	Improving the Decoding Efficiency of Deep Neural Network Acoustic Models by Cluster-Based Senone Selection	Journal of Signal Processing Systems	pp. 1-13, 2017	Jun-Hua Liu, Zhen-Hua Ling*, Si Wei, Guo-Ping Hu, and Li-Rong Dai
28	THE USTC SYSTEM FOR BLIZZARD MACHINE LEARNING CHALLENGE 2017-ES2	Proc. of IEEE Automatic Speech Recognition and Understanding Workshop	2017	Ya-Jun Hu, Li-Juan Liu, Chuang Ding, Zhen-Hua Ling , and Li-Rong Dai

29	THE IFLYTEK SYSTEM FOR BLIZZARD MACHINE LEARNING CHALLENGE 2017-ES1	Proc. of IEEE Automatic Speech Recognition and Understanding Workshop	2017	Li-Juan Liu, Chuang Ding, Ya-Jun Hu, Zhen-Hua Ling , Yuan Jiang, Ming Zhou, and Si Wei
30	Emotional Statistical Parametric Speech Synthesis Using LSTM-RNNs	Proc. of Asia-Pacific Signal and Information Processing Association (APSIPA) Annual Summit and Conference	2017	Shu-Min An, Zhen-Hua Ling , and Li-Rong Dai
31	Exploring Question Representation and Adaptation with Neural Networks	Proc. of IEEE International Conference on Computer and Communications (ICCC)	2017	Jun-Bei Zhang, Xiao-Dan Zhu, Qian Chen, Zhen-Hua Ling, Li-Rong Dai, Si Wei, and Hui Jiang
32	Recurrent Neural Network-Based Sentence Encoder with Gated Attention for Natural Language Inference	Proc. of EMNLP-2017 Workshop on Evaluating Vector Space Representations for NLP (RepEval)	2017	Qian Chen, Xiaodan Zhu, Zhen-Hua Ling , Si Wei, Hui Jiang, and Diana Inkpen

33	The USTC System for Blizzard Challenge 2017	Proc. of Blizzard Challenge Workshop	2017	Ya-Jun Hu, Chuang Ding, Li-Juan Liu, Zhen-Hua Ling , and Li-Rong Dai
34	Waveform Modeling Using Stacked Dilated Convolutional Neural Networks for Speech Bandwidth Extension	Proc. of Interspeech	vol. 2017-August, pp. 1123-1127, 2017	Yu Gu, and Zhen-Hua Ling
35	Cause-Effect Knowledge Acquisition and Neural Association Model for Solving A Set of Winograd Schema Problems	Proc. of International Joint Conference on Artificial Intelligence (IJCAI)	pp. 2344-2350, 2017	Quan Liu, Hui Jiang, A. Evdokimov, Zhen-Hua Ling , Xiao-Dan Zhu, Si Wei, and Yu Hu
36	Enhanced LSTM for natural language inference	Proc. of ACL	2017	Qian Chen, Xiao-Dan Zhu, Zhen-Hua Ling , Si Wei, Hui Jiang, and D. Inkpen

37	EXTRACTING STRUCTURAL SPECTRAL FEATURES USING WHAT-WHERE AUTO-ENCODERS FOR STATISTICAL PARAMETRIC SPEECH SYNTHESIS	Proc. of IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)	pp. 4915-4919, 2017	Ya-Jun Hu, Zhen-Hua Ling , and Li-Rong Dai
38	Question Answering with Character-Level LSTM Encoders and Model-Based Data Augmentation	Proc. of Chinese Computational Linguistics and Natural Language Processing Based on Naturally Annotated Big Data, Springer, Cham	vol. 10565 LNAI, pp. 295-305, 2017	Run-Ze Wang, Chen-Di Zhan, and Zhen-Hua Ling
39	基于深度卷积神经网络的语音参数合成器	第十四届全国人机语音通讯会议	2017	伍宏传, 顾宇, 凌震华
40	Exploring universal speech attributes for speaker verification ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing	Proc. ICASSP 2017	PP.5355-5359,2017.06	Sheng Zhang,Wu Guo*,Guoping Hu

41	FEATURE MAPPING FOR SPEAKER DIARIZATION IN NOISY CONDITIONS	Proc. ICASSP 2017	PP.5445-5449,2017.06	Weixin Zhu,Wu Guo*,Guoping Hu
42	LID-senones and their statistics for language identification	IEEE/ACM Transactions on Audio Speech & Language Processing		M. Jin, Y. Song, I.McLoughLin, L.R. Dai
43	End-to-End Language Identification Using High-Order Utterance Representation with Bilinear Pooling	Proc. Of Interspeech		M. Jin, Y. Song, I.McLoughLin, L.R. Dai
44	Continuous robust sound event classification using time-frequency features and deep learning	Plos One		H.M Zhang, I.McLoughLin, Yan Song, L.R.Dai

45	Speech reconstruction using a deep partially supervised neural network			I.McLoughlin,
46	Fisher Vector Based CNN Architecture for Image Classification	Proc. Of ICIP	2017	Y.Song, P.S Wang, X.H Hong, I.McLoughlin, L.R.Dai
47	结合CNN不同层信息的全变量建模人脸特征表达学习方法	信号处理	2017 VOL8	洪新海, 宋彦, 戴礼荣
48	Modeling the Evolution of Users' Preferences and Social Links in Social Networking Services	IEEE Transactions on Knowledge and Data Engineering (IEEE TKDE)	29(6): 1240-1253, June 2017	Le Wu, Yong Ge, Qi Liu, Enhong Chen, Richang Hong, Meng Wang, Junping Du

49	Activity Maximization by Effective Information Diffusion in Social Networks	IEEE Transactions on Knowledge and Data Engineering (IEEE TKDE)	29(11): 2374-2387, November 2017	Zhefeng Wang, Yu Yang, Jian Pei, Lingyang Chu and Enhong Chen*
50	Tracking Influential Individuals in Dynamic Networks	IEEE Transactions on Knowledge and Data Engineering (IEEE TKDE)	29(11): 2615-2628, November 2017	Yu Yang*, Zhefeng Wang, Jian Pei and Enhong Chen
51	Characterizing Privacy Risks of Mobile Apps with Sensitivity Analysis	IEEE Transactions on Mobile Computing (IEEE TMC)		Li Lyna Zhang, Chieh-Jan Mike Liang, Zhao Lucis Li, Yunxin Liu, Feng Zhao and Enhong Chen
52	An Influence Propagation View of PageRank	ACM Transactions on Knowledge Discovery from Data (ACM TKDD)	11(3): 30, March 2017	Qi Liu, Biao Xiang, Nicholas Jing Yuan, Enhong Chen*, Hui Xiong, Yi Zheng, Yu Yang

53	Exploring the Emerging Type of Comment for Online Videos: DanMu	ACM Transactions on the Web (ACM TWEB)	12(1): 1, August 2017	MingHe, Yong Ge, Enhong Chen*, Qi Liu, Xuesong Wang
54	Progressive Pseudo-Analog Transmission for Mobile Video Streaming	IEEE Transactions on Multimedia (IEEE TMM)	19(8): 1894-1907, August 2017	Dongliang He, Cuiling Lan, Chong Luo, Enhong Chen, Feng Wu, Wenjun Zeng
55	A Sequential Approach to Market State Modeling and Analysis in Online P2P Lending	IEEE Transactions on Systems, Man, and Cybernetics: Systems (IEEE TSMC-S)		Hongke Zhao, Qi Liu*, Hengshu Zhu, Yong Ge, Enhong Chen, Yan Zhu, Junping Du
56	P2P Lending Survey: Platforms, Recent Advances and Prospects	ACM Transactions on Intelligent Systems and Technology (ACM TIST)	8(6): 72, July 2017	Hongke Zhao, Yong Ge, Qi Liu, Guifeng Wang, Enhong Chen*, Hefu Zhang

57	Robust Spammer Detection in Microblogs: Leveraging User Carefulness	ACM Transactions on Intelligent Systems and Technology (ACM TIST)	8(6): 83, August 2017	Hao Fu, Xing Xie, Yong Rui, Neil Zhenqiang Gong, Guangzhong Sun, Enhong Chen
58	Stylus: A Strongly-Typed Store for Serving Massive RDF Data	Proceedings of the VLDB Endowment (PVLDB)	11(2): 203-216, 2017	Liang He, Bin Shao, Yatao Li, Huanhuan Xia, Yanghua Xiao, Enhong Chen, Liang Chen
59	Tracking the Dynamics in Crowdfunding	The 23rd ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD'2017)	625-634, 2017	Hongke Zhao, Hefu Zhang, Yong Ge, Qi Liu, Enhong Chen*, Huayu Li, Le Wu
60	Enhancing Campaign Design in Crowdfunding: A Product Supply Optimization Perspective,	The 26th International Joint Conference on Artificial Intelligence (IJCAI'2017)	695-702, 2017	Qi Liu, Guifeng Wang, Hongke Zhao, Chuanren Liu, Tong Xu, Enhong Chen*

61	Incremental Matrix Factorization: A Linear Feature Transformation Perspective	The 26th International Joint Conference on Artificial Intelligence (IJCAI'2017)	1901-1908, 2017	Xunpeng Huang, Le Wu, Enhong Chen*, Hengshu Zhu, Qi Liu, Yijun Wang
62	Question Difficulty Prediction for READING Problems in Standard Tests	The 31st AAAI Conference on Artificial Intelligence (AAAI'2017)	1352-1359, 2017	Zhenya Huang, Qi Liu*, Enhong Chen, Hongke Zhao, Mingyong Gao, Si Wei, Yu Su, Guoping Hu
63	A Context-Enriched Neural Network method for Recognizing Lexical Entailment	The 31st AAAI Conference on Artificial Intelligence (AAAI'2017)	3127-3133, 2017	Kun Zhang, Enhong Chen*, Qi Liu, Chuanren Liu, Guangyi Lv
64	One more queue is enough: Minimizing flow completion time with explicit priority notification	The 36th International Conference on Computer Communications (INFOCOM'2017)	1-9, 2017	Yuanwei Lu, Guo Chen, Larry Luo, Kun Tan, Yongqiang Xiong, Xiaoliang Wang, Enhong Chen

65	KV-Direct: High-Performance In-Memory Key-Value Store with Programmable NIC	The 26th Symposium on Operating Systems Principles (SOSP'2017)	137-152, 2017	Bojie Li, Zhenyuan Ruan, Wencong Xiao, Yuanwei Lu, Yongqiang Xiong, Andrew Putnam, Enhong Chen, Lintao Zhang
66	Systematically testing background services of mobile apps	The 32nd International Conference on Automated Software Engineering (ASE'2017)	4-15, 2017	Li Lyna Zhang, Chieh-Jan Mike Liang, Yunxin Liu, Enhong Chen
67	Knowledge or Gaming? Cognitive Modelling Based on Multiple-Attempt Response	The 26th International World Wide Web Conference (WWW '2017 Companion)	321-329, 2017	Runze Wu, Guandong Xu*, Enhong Chen*, Qi Liu, Wan Ng
68	Discerning individual interests and shared interests for social user profiling	World Wide Web Journal (WWWJ)	20(2): 417-435, March 2017	Enhong Chen*, Guangxiang Zeng*, Ping Luo, Hengshu Zhu, Jilei Tian, Hui Xiong

69	An efficient Wikipedia semantic matching approach to text document classification	Information Sciences	393: 15-28, July 2017	Zongda Wu*, Hui Zhu*, Guiling Li, Zongmin Cui, Hui Huang, Jun Li, Enhong Chen, Guandong Xu
70	Efficient Karaoke Song Recommendation via Multiple Kernel Learning Approximation	Neurocomputing	254: 22-32, September 2017	Chu Guan, Yanjie Fu*, Xinjiang Lu, Enhong Chen*, Xiaolin Li, Hui Xiong
71	A topic modeling based approach to novel document automatic summarization	Expert Systems with Applications (ESWA)	84: 12-23, 2017	Zongda Wu, Li Lei*, Guiling Li, Hui Huang, Chengren Zheng, Enhong Chen, Guandong Xu
72	Tracking knowledge Proficiency of Students with Educational Priors	The 26th ACM International Conference on Information and Knowledge Management (CIKM'2017)	989-998, 2017	Yuying Chen, Qi Liu, Zhenya Huang, Le Wu, Enhong Chen*, Runze Wu, Yu Su, Guoping Hu

73	An Ad CTR Prediction Method Based on Feature Learning of Deep and Shallow Layers	The 26th ACM International Conference on Information and Knowledge Management (CIKM'2017)	2119-2122, 2017	Zai Huang, Zhen Pan, Qi Liu*, Bai Long, Haiping Ma, Enhong Chen
74	Stack-based Multi-layer Attention for Transition-based Dependency Parsing	The 2017 Conference on Empirical Methods in Natural Language Processing (EMNLP'2017)	1678-1683, 2017	Zhirui Zhang, Shujie Liu, Mu Li, Ming Zhou and Enhong Chen
75	Incorporating Spatio-Temporal Smoothness for Air Quality Inference	The 17th International Conference on Data Mining (ICDM'2017)	1177-1182, 2017	Xiangyu Zhao, Tong Xu, Yanjie Fu, Enhong Chen, Hao Guo
76	An Unsupervised Approach for Low-Quality Answer Detection in Community Question-Answering	The 22nd International Conference on Database Systems for Advanced Applications (DASFAA'2017)	85-101, 2017	Haocheng Wu*, Zuohui Tian, Wei Wu, and Enhong Chen

77	Towards A Contextual and Scalable Automated-testing Service for Mobile Apps	The 18th International Workshop on Mobile Computing Systems and Applications (HotMobile 2017)	97-102, 2017	Li Lyna Zhang, Chieh-Jan Mike Liang, Wei Zhang, Enhong Chen
78	基于认知诊断的个性化试题推荐方法	计算机学报	40(1): 176-191	朱天宇, 黄振亚, 陈恩红*, 刘淇, 吴润泽, 吴乐, 苏喻, 陈志刚, 胡国平
79	面向大规模认知诊断的DINA模型快速计算方法研究	电子学报		王超, 刘淇, 陈恩红, 黄振亚, 朱天宇, 苏喻, 胡国平
80	Multi-group DOA Estimation for Noncircular Sources in Multipath	ICCWAMTIP 2016	Dec. 2016	Dawei Luo, Xu Xu*, Yong Wang, Saifeng Li, Zhongfu Ye

81	Passive Multi-static Radar System Detection with Multiple Opportunistic Signals	ICCWAMTIP 2016	Dec. 2017	Qiang Zhang, Xu Xu*, Saifeng Li, Zhongfu Ye, Yong Wang
82	A Novel Sky-subtraction Method Based on Nonnegative Matrix Factorization with Sparsity for Multi-object Fiber Spectroscopy	Publications of the Astronomical Society of Australia	Vol. 33,7 pages,Dec. 2016	Bo Zhang, Long Zhang , Zhongfu Ye*
83	Sequential DOA Estimation Method for Multi-Group Coherent Signals	Signal Processing	Vol 130, Pages 169–174,Jan.2017	Jinqiang Wei, Xu Xu*, Dawei Luo , Zhongfu Ye
84	Locally controlled as-rigid-as-possible deformation for 2D characters	Computer Animation and Virtual Worlds	Mar.2017	Jiaxu Chen, Long Zhang, Xiaoxu Li,Zhongfu Ye*

85	Supplementations to the Higher Order Subspace Algorithm for Suppression of Spatially Colored Noise	IEEE Signal Processing Letters	Vol. 24, No. 5, Pages 668-672, May. 2017	Renjie Tong, Zhongfu Ye*
86	2-D Near Field Source Localization by Evolutionary Technique Exploiting the L-Type Geometry of Sensor Array	Circulation in Computer Science(CCS)	Vol.2, No.3, Pages 11-16, Apr. 2017	Yawar A. Sheikh, Zhongfu Ye*, Kashif Shabir, Tarek Hasan Al Mahmud, Rizwan Ullah
87	相干信号波达方向估计技术综述	数据采集与处理	Vol.32, No.2, Pages 258-265, Mar. 2017	叶中付*, 罗大为, 韦进强, 徐旭
88	基于LDOF准则的自适应高斯后端语种识别方法	通信学报	Vol.38, No.4, Pages 17-24, Apr. 2017	叶中付*, 戚婷, 李赛峰, 宋彦

89	Homotopy Approach for Energy-Efficient MIMO Systems with Zero-Forcing Transceivers	IEEE Transactions on Vehicular Technology	Vol.66, No.2 Pages: 1233-1247, Feb. 2017	Jisheng Dai*, Weichao Xu, Zhongfu Ye, Nan H, Chunqi Chang
90	Image Morphing using Deformation and Patch-based Synthesis	International Conference on Image, Vision and Computing (ICIVC 2017)	Pages 376-380, Jun. 2017	Jiaxu Chen, Long Zhang, Baoen Liu, Xiaoxu Li and Zhongfu Ye*
91	Supervised Single-Channel Speech Dereverberation and Denoising Using a Two-Stage Processing, International Conference on Image	International Conference on Image, Vision and Computing (ICIVC 2017)	Pages 818-822, Jun. 2-4, 2017	Long Zhang, Jiaxu Chen, You Luo, Jiafei Fu and Zhongfu Ye*
92	CFOs Robust Blind Receivers for MIMO-OFDM Systems Based on PARALIND Factorizations	Digital Signal Processing	Vol.69, Pages 337-349, Oct. 2017	Bui Quang Chung*, ZhongFu Ye, Jisheng Dai, Yawar Ali Sheikh

93	一种改进的基于压缩感知的稀疏信道估计算法	数据采集与处理	Vol.32, No.4, Pages 705-712, Jul. 2017	李赛峰, 王勇, 朱然刚, 葛轶洲, 叶中付*
94	Blind and Robust Far-field Audio Acquisition for Portable Devices	IEEE Transactions on Consumer Electronics	Vol. 63, No. 1, Pages 62-67, Feb. 2017	Renjie Tong, Zhongfu Ye*
95	Efficient Underdetermined DOA Estimation Algorithm by Extending Covariance Matrix Based on Non-Circularity using Coprime Array	Communications on Applied Electronics (CAE)	Vol.7, No.1, Pages 1-5, May. 2017	Kashif Shabir, Zhongfu Ye, Tarek Hasan Al Mahmud, Yawar Ali Sheikh and Rizwan Ullah
96	Data Fusion over Localized Sensor Networks for Parallel Waveform Enhancement Based on 3-D Tensor Representations, Signal Processing	Signal Processing	Vol.141, Pages 249-260, Dec. 2017	Renjie Tong, Zhongfu Ye*

97	Higher-order local autocorrelation feature extraction methodology for hand gestures recognition	International Conference on Multimedia and Image Processing (ICMIP)	Pages 83-87, 2017	Isack Bulugu, Zhongfu Ye*, Jamal Banzi
98	Dynamic MRI reconstruction using low-rank and 3D sparsifying transform with separation of background and dynamic components	2017 IEEE 2nd Advanced Information Technology, Electronic and Automation Control Conference (IAEAC 2017)	Mar.25-26, 2017	Changfeng Xi, Jinxu Tao*, Bensheng Qiu, Zhongfu Ye, Xu Xu, Jinzhang Xu
99	Chinese Sign Language Recognition with Sequence to Sequence Learning, China Conference on Computer Vision (CCCV)	China Conference on Computer Vision (CCCV)	Oct.12-14, 2017	Chensi Mao, Shiliang Huang, Xiaoxu Li, Zhongfu Ye*
100	Chinese Sign Language Recognition Based on SHS Descriptor and Encoder-Decoder LSTM Model	Chinese Conference on Biometric Recognition (CCBR)	Oct. 27-29, 2017	Xiaoxu Li, Chensi Mao, Shiliang Huang, Zhongfu Ye*

101	Double-Robust Adaptive Beamforming Based on Covariance Matrix Reconstruction and Norm-bound Constraints	International Computer Conference on Wavelet Active Media Technology and Information Processing 2017 (ICCWAMTIP 2017)	Dec. 15-17, 2017	Jie Yang, Zhongfu Ye*
102	Dynamic MRI reconstruction using nonlocal low-rank constraints based on the deformation corrected signal	2017 8th IEEE International Conference on Software Engineering and Service Science (ICSESS 2017)	Nov.24-26, 2017	Mei Sun, Jinxu Tao*, Zhongfu Ye, Bensheng Qiu and Jinzhang Xu
103	Effective subset approach for SVMpath singularities	Pattern Recognition Letters	Pages 51-58, Sep. 2017	Jisheng Dai, Weichao Xu, Zhongfu Ye, Chunqi Chang*
104	Low-complexity Tensor-based Blind Receivers for MIMO Systems	Telecommunication Systems	Pages 1-12 , Jul. 2017	Bui Quang Chung*, Zhongfu Ye, Jisheng Dai

105	Simultaneously retargeting and super-resolution for stereoscopic video	Multimedia Tools and Applications	2017, 76:11081–11095	Kai Kang, Yang Cao, Zengfu Wang*
106	Video Super-Resolution via Motion Compensation and Deep Residual Learning	IEEE Transactions on Computational Imaging	VOL. 3, NO. 4, DECEMBER 2017, pp.749-762	Dingyi Li, Zengfu Wang*
107	Video Super-Resolution Using Motion Compensation And Residual Bidirectional Recurrent Convolutional Network	International Conference on Image Processing (ICIP)	2017, pp. 1642-1646	Dingyi Li, Yu Liu, Zengfu Wang*
108	Face Video Super-Resolution with Identity Guided Generative Adversarial Networks	China Conference on Computer Vision (CCCV)	2017, Part II, CCIS 772, pp. 357–369	Dingyi Li, Zengfu Wang*

109	Dynamic Facial Expression Recognition Based on Geometric and Texture Features	The 9th International Conference on Graphics and Image Processing	Proceedings of ICGIP, 2017	Ming Li and Zengfu Wang*
110	Image classification based on convolutional neural networks with cross-level strategy	Multimedia Tools and Applications	2017, 76:11065–11079	Yu Liu, Baocai Yin, Jun Yu, Zengfu Wang
111	Multi-focus image fusion with a deep convolutional neural network	Information Fusion	2017, 36:191–207	Yu Liu, Xun Chen, Hu Peng, Zengfu Wang
112	Deep learning for pixel-level image fusion: Recent advances and future prospects	Information Fusion	2018, 42:158-173	Yu Liu, Xun Chen, Zengfu Wang etc.

113	Face Alignment Using Local Probabilistic Features	Pacific-Rim Conference on Multimedia	2017, 1-10	Qing Lu, Jun Yu, Zengfu Wang*
114	Widening residual skipped network for semantic segmentation	IET Image Processing	Volume 11, Issue 10, October 2017, p. 880 – 887	Wen Su, Zengfu Wang*
115	Creating and simulating a realistic physiological tongue model for speech production	Multimedia Tools and Applications	2017, 76:14673–14689	Jun Yu, Chen Jiang, Zengfu Wang
116	Depth map super-resolution using nonlocal high-order regularization with classified weights	International Conference on Image Processing (ICIP)	2017, pp. 4043-4047	Haitao Zhang, Jun Yu, Zengfu Wang.

117	Pedestrian Detection by Using CNN Features with Skip Connection	China Conference on Computer Vision (CCCV)	2017, Part III, CCIS 773, pp. 73–83	Peng Zhang, Zengfu Wang
118	Design and implementation of wormlike creeping mobile robot for EAST remote maintenance system	Fusion Engineering and Design	2017, 118:81-97	Qiang Zhang,Ling Zhou, Zengfu Wang
119	Fast haze removal for nighttime image using maximum reflectance prior	IEEE Conference on Computer Vision and Pattern Recognition	2017	Jing zhang, Yang Cao*, etc.
120	Image guided depth enhancement via deep fusion and local linear regularization	IEEE Conference on Image Processing	2017	Jiang Zhu, Yang Cao, Zengfu Wang*

121	A deep CNN method for underwater image enhancement	IEEE Conference on Image Processing	2017	Yang Wang, Yang Cao, Zengfu Wang*
122	Deep CNN identifier for dynamic modelling of unmanned helicopter	International Conference on Neural Information Processing	2017	Shaofeng Chen, Yang Cao*, Yu Kang
123	Packet-dropouts compensation for networked control system via deep ReLU neural network	International Conference on Neural Information Processing	2017	Yi Cui, Yang Cao*, Yu Kang
124	A Realistic 3D Articulatory Animation System for Emotional Visual Pronunciation	Multimedia Tools and Applications	vol. 76, no. 18, pp. 19241-19262, 2017.	Lingyun Yu, Jun Yu*, Zengfu Wang

125	Probability Contour Guided Depth Map Inpainting and Superresolution using Non-Local Total Generalized Variation	Multimedia Tools and Applications	2017	Haitao Zhang, Jun Yu, Zengfu Wang*
126	Facial Expression Recognition by Fusing Gabor and Local Binary Pattern Features	International Conference on Multimedia Modeling	2017	Yuechuan Sun, Jun Yu*
127	Adaptively Weighted Facial Expression Recognition by Feature Fusion Under Intense Illumination Changes	International Conference on Neural Information Processing	2017	Yuechuan Sun, Jun Yu*
128	A Real-time 3D Head Mesh Modeling and Expressive Articulatory Animation System	IEEE International Conference on Acoustic, Speech and Signal Processing	2017	Jun Yu*, Zengfu Wang