

序号	名称	作者	杂志/会议名称	时间、期、卷、页码
1	DBN-based Spectral Feature Representation for Statistical Parametric Speech Synthesis	Ya-Jun Hu, Zhen-Hua Ling*	IEEE Signal Processing Letters	vol. 23, no. 3, pp. 321-325, 2016
2	Concept-to-Speech Generation with Knowledge Sharing for Acoustic Modelling and Utterance Filtering	Xin Wang, Zhen-Hua Ling*, Li-Rong Dai	Computer Speech and Language	vol. 38, pp. 46-67, 2016
3	Modeling F0 Trajectories in Hierarchically Structured Deep Neural Networks	Xiang Yin, Ming Lei, Yao Qian, Frank K. Soong, Lei He, Zhen-Hua Ling*, and Li-Rong Dai	Speech Communication	vol. 76, pp. 82-92, 2016
4	融合自动检错的单元挑选语音合成方法	孙晓辉, 凌震华*, 戴礼荣	数据采集与处理	31(2), pp. 385-392, 2016
5	面向知识库问答中复述问句评分的词向量构建方法	詹晨迪, 凌震华*, 戴礼荣	模式识别与人工智能	29(9), pp. 825-831, 2016
6	Cluster-Based Senone Selection for the Efficient Calculation of Deep Neural Network Acoustic Models	Jun-Hua Liu, Zhen-Hua Ling, Li-Rong Dai, Guo-Ping Hu, Si Wei	Proc. of ISCSLP	2016
7	DNN-Based Unit Selection Using Frame-Sized Speech Segments	Zhi-Ping Zhou, Zhen-Hua Ling	Proc. of ISCSLP	2016
8	Exploring Semantic Representation in Brain Activity Using Word Embeddings	Yu-Ping Ruan, Zhen-Hua Ling	Proc. of EMNLP	2016
9	Articulatory-to-Acoustic Conversion with Cascaded Prediction of Spectral and Excitation Features Using Neural Networks	Zheng-Chen Liu, Zhen-Hua Ling, Li-Rong Dai	Proc. of Interspeech	2016
10	Speech Bandwidth Extension Using Bottleneck Features and Deep Recurrent Neural Networks	Yu Gu, Zhen-Hua Ling, Li-Rong Dai	Proc. of Interspeech	2016
11	The USTC System for Voice Conversion Challenge 2016: Neural Network based Approaches for Spectrum and F0 Conversion	Ling-Hui Chen, Li-Juan Liu, Zhen-Hua Ling, Yuan Jiang, Li-Rong Dai	Proc. of Interspeech	2016
12	Distraction-based Neural Models for Modeling Documents	Qian Chen, Xiao-Dan Zhu, Zhen-Hua Ling, Si Wei, Hui Jiang	Proc. of IJCAI	2016
13	Probabilistic Reasoning via Deep Learning: Neural Association Models	Quan Liu, Hui Jiang, Zhen-Hua Ling, Si Wei, Yu Hu	Proc. of IJCAI 2016 Workshop on Deep Learning for Artificial Intelligence	2016

14	Intra-Topic Variability Normalization based on Linear Projection for Topic Classification	Quan Liu, Wu Guo, Zhen-Hua Ling , Hui Jiang, Yu Hu,	Proc. of NAACL	2016
15	Modulation Spectrum Compensation for HMM-based Speech Synthesis Using Line Spectral Pairs	Zhen-Hua Ling , Xiao-Hui Sun, Li-Rong Dai, Yu Hu	Proc. of ICASSP	2016
16	Modeling Spectral Envelopes Using Deep Conditional Restricted Boltzmann Machines for Statistical Parametric Speech Synthesis	Xiang Yin, Zhen-Hua Ling , Ya-Jun Hu, Li-Rong Dai	Proc. of ICASSP	2016
17	Deep Belief Network-Based Post-Filtering for Statistical Parametric Speech Synthesis	Ya-Jun Hu, Zhen-Hua Ling , Li-Rong Dai	Proc. of ICASSP	2016
18	A Regression Approach to Single-Channel Speech Separation Via High-Resolution Deep Neural Networks	Jun Du*, Yanhui Tu, Li-Rong Dai, and Chin-Hui Lee	IEEE/ACM TRANSACTIONS ON AUDIO, SPEECH AND	VOL. 24, NO. 8, AUGUST 2016, pp.1424-1437
19	Joint training of DNNs by incorporating an explicit dereverberation structure for distant speech recognition	Tian Gao, Jun Du*, Yong Xu, Cong Liu, Li-Rong Dai and Chin-Hui Lee	EURASIP Journal on Advances in Signal Processing	2016:86,pp.1-13
20	SNR-Based Progressive Learning of Deep Neural Network for Speech Enhancement	Tian Gao, Jun Du, Li-Rong Dai, Chin-Hui Lee	INTERSPEECH	2016,pp.3713-3717
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25	A Speaker-Dependent Deep Learning Approach to Joint Speech Separation and Acoustic Modeling for Multi-Talker Automatic Speech Recognition	Yan-Hui Tu, Jun Du, Li-Rong Dai, Chin-Hui Lee	ISCSLP	2016, pp.1-5
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30	A new variance-based approach for discriminative feature extraction in machine hearing classification using spectrogram features	Zhipeng Xie, Ian McLoughlin, Yan Song	DIGITAL SIGNAL PROCESSING	2016.07, 54, 119-128
31	Improved i-Vector Representation for Speaker Diarization	Yan Xu, Ian McLoughlin, Yan Song, Lirong Dai	CIRCUITS SYSTEMS AND SIGNAL PROCESSING	2016.09, 3393-3404
32	Robust sound event detection in continuous audio environments	Haomin Zhang, Ian McLoughlin, Yan Song	Interspeech	2016.9, 2977-2981,
33	Improvements on Deep Bottleneck Network based I-Vector Representation for Spoken Language Identification	Yan Song, Ruilian Cui, Ian McLoughlin, Lirong Dai	Proc. Of Odyssey	2016.6, 140-145
34	LID-senone Extraction via Deep Neural Networks for End-to-End Language Identification	Ma Jin, Yan Song, Ian McLoughlin, Lirong Dai	Proc. Of Odyssey	2016.6, 210-216
35	Image Classification with CNN-based Fisher Vector Coding	Yan Song, Xinhai Hong, Ian McLoughlin	Proc of VCIP	2016.11, 106-109
36	Compact Convolutional Neural Network Transfer Learning for Small Scale Image Classification	Zengxi Li, Yan Song, Ian McLoughlin, Lirong Dai	Proc of ICASSP	2016.4, 2737-2741
37	Exploration of Local Variability in Text-Independent Speaker Verification	Liping Chen, Kong Aik Lee, Bin Ma, Wu Guo, Haizhou Li, Li-Rong Dai	Journal of Signal Processing Systems	2016, 82(2): 217-228
38	Speaker adaptation of hybrid NN/HMM model for speech recognition based on singular value decomposition	Shaofei Xue, Hui Jiang, Lirong Dai, Qingfeng Liu	Journal of Signal Processing Systems for Signal Image And Video Technology	2016, 82(2): 175-185
39	Hybrid orthogonal projection and estimation (HOPE): a new framework to learn neural networks	Shiliang Zhang, Hui Jiang, Lirong Dai	JMLR	2016, 17(37): 1-33
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41	Learning FOFE Based FNN-LMs with Noise Contrastive Estimation and Part-of-Speech Features	Junfeng Hou, Shiliang Zhang, Lirong Dai	ISCSLP	2016.1
42	Future Context Attention for Unidirectional LSTM Based Acoustic Model	Jian Tang, Shiliang Zhang, Si Wei, Lirong Dai	INTERSPEECH	2016, 3394-3398
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44	Speaker Adaptation Of RNN-BLSTM For Speech Recognition Based On Speaker Code	Zhiying Huang, Jian Tang, Shaofei Xue, Lirong Dai	ICASSP	2016, 5305-5309
45	Unsupervised Speaker Adaptation Of BLSTM-RNN For LVCSR Based On Speaker Code	Zhiying Huang, Shaofei Xue, Zhijie Yan, Lirong Dai	ISCSLP	2016.1

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47	USTC at NTCIR-12 STC Task	Junbei Zhang, Junfeng Hou, Shiliang Zhang, Lirong Dai	NTCIR	
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49	基于困惑度数据挑选的半监督声学建模		模式识别与人工智能	2016.06, 542-547
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72	Unsupervised Expert Finding in Social Network for Personalized Recommendation	Junmei Ding, Yan Chen <sup>1</sup> , Xin Li, Guiquan Liu*, Aili Shen,	WAIM 2016	257–271, June 3-5, 2016
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