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## Profile

Received the B.Sc. and Ph.D. degrees from the Department of Computer Science and Engineering, Zhejiang University, Hangzhou, China, in 2003 and 2008, respectively. She is currently a Full Associate Professor with the Department of Computer Science and Engineering, East China University of Science and Technology, Shanghai, China. She has more than 20 papers with the first or corresponding author published on some famous International Journals and conferences. Her research interests include speech processing, affective computing, and pattern recognition.

## Research Field

1. Affective computing
2. Artificial intelligence
3. Multimedia data modeling

## Research results and main published thesis

- [1] Dongdong Li, Yijun Zhou, Zhe Wang\*, Daqi Gao. Exploiting the potentialities of features for speech emotion recognition. Information Sciences, 548: 328-343, 2021. ( 中科院 1 区 · IF: 6.795)
- [2] Dongdong Li, Bing Chai, Zhe Wang\*, Hai Yang, Wenli Du\*. EEG Emotion Recognition Based on 3-D Feature Representation and Dilated Fully Convolutional Networks. IEEE Transactions on Cognitive and Developmental Systems, 13(4): 885-897, 2021. ( 中科院 3 区 · IF: 3.379)
- [3] Dongdong Li, Xinlei Xu, Zhe Wang\*, Chenjie Cao, Minguang Wang. Boundary-based Fuzzy-SVDD for one-class classification. International Journal of Intelligent Systems, 37: 2266-2292, 2021. ( 中科院 2 区 · IF: 8.709)
- [4] Dongdong Li, Linyu Sun, Xinlei Xu, Zhe Wang\*, Jing Zhang, Wenli Du\*. BLSTM and CNN Stacking Architecture for Speech Emotion Recognition. Neural Processing Letters, 53: 4097-4115, 2021. ( 中科院 4 区 · IF: 2.908)
- [5] Dongdong Li, Jinlin Liu, Zhuo Yang, Linyu Sun, Zhe Wang\*. Speech Emotion Recognition Using Recurrent Neural Networks with Directional Self-Attention. Expert Systems with Applications, 173: 114683, 2021. ( 中科院 1 区 · IF: 6.954)
- [6] Dongdong Li · Zhe Wang\* · Chenjie Cao · Yu Liu. Information Entropy Based Sample Reduction for Support Vector Data Description. Applied Soft Computing, 71: 1153-1160, 2018. ( 中科院 2 区 · IF: 6.725)
- [7] Dongdong L, Ziqiu C, Bolu W, Zhe Wang\*, Hai Yang, Wenli Du. Entropy-based hybrid sampling ensemble learning for imbalanced data. International Journal of Intelligent Systems, 36: 3039-3067, 2021. ( 中科院 2 区 · IF: 8.709)
- [8] Dongdong Li, Jinlin Liu, Zhe Wang\*, Yanqiong Li, Baijun Chen. TRSD: A Time-Varying and Region-Changed Speech Database For Speaker Recognition. Circuits, Systems, and Signal Processing, 1-26, 2022. ( 中科院 3 区 · IF: 2.225)
- [9] Dongdong Li, Li Xie, Bing Chai, Zhe Wang\*. A feature-based on potential and differential entropy information for electroencephalogram emotion recognition. Electronics Letters, 58(4): 174-177, 2022. ( 中科院 4 区 · IF: 1.314)
- [10] Dongdong Li, Yujin Zhu, Zhe Wang\*, Chuanyu Chong, Daqi Gao\*. Regularized Matrix-Pattern-Oriented Classification Machine with Universum. Neural Processing Letters, 45(3): 1077-1098, 2017. ( 中科院 4 区 · IF: 2.908)
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- [11] Dongdong Li, Yijun Zhou, Zhe Wang\*, Daqi Gao. Exploiting the potentialities of features for speech emotion recognition. Information Sciences, 548: 328-343, 2021. ( 中科院 1 区 · IF: 6.795)
- [12] Dongdong Li, Bing Chai, Zhe Wang\*, Hai Yang, Wenli Du\*. EEG Emotion Recognition Based on 3-D Feature Representation and Dilated Fully Convolutional Networks. IEEE Transactions on Cognitive and Developmental Systems, 13(4): 885-897, 2021. ( 中科院 3 区 · IF: 3.379)
- [13] Dongdong Li, Xinlei Xu, Zhe Wang\*, Chenjie Cao, Minguang Wang. Boundary-based Fuzzy-SVDD for one-class classification. International Journal of Intelligent Systems, 37: 2266-2292, 2021. ( 中科院 2 区 · IF: 8.709)
- [14] Dongdong Li, Linyu Sun, Xinlei Xu, Zhe Wang\*, Jing Zhang, Wenli Du\*. BLSTM and CNN Stacking Architecture for Speech Emotion Recognition. Neural Processing Letters, 53: 4097-4115, 2021. ( 中科院 4 区 · IF: 2.908)
- [15] Dongdong Li, Jinlin Liu, Zhuo Yang, Linyu Sun, Zhe Wang\*. Speech Emotion Recognition Using Recurrent Neural Networks with Directional Self-Attention. Expert Systems with Applications, 173: 114683, 2021. ( 中科院 1 区 · IF: 6.954)
- [16] Dongdong Li · Zhe Wang\* · Chenjie Cao · Yu Liu. Information Entropy Based Sample Reduction for Support Vector Data Description. Applied Soft Computing, 71: 1153-1160, 2018. ( 中科院 2 区 · IF: 6.725)
- [17] Dongdong L, Ziqiu C, Bolu W, Zhe Wang\*, Hai Yang, Wenli Du. Entropy-based hybrid sampling ensemble learning for imbalanced data. International Journal of Intelligent Systems, 36: 3039-3067, 2021. ( 中科院 2 区 · IF: 8.709)
- [18] Dongdong Li, Jinlin Liu, Zhe Wang\*, Yanqiong Li, Baijun Chen. TRSD: A Time-Varying and Region-Changed Speech Database For Speaker Recognition. Circuits, Systems, and Signal Processing, 1-26, 2022. ( 中科院 3 区 · IF: 2.225)
- [19] Dongdong Li, Li Xie, Bing Chai, Zhe Wang\*. A feature-based on potential and differential entropy information for electroencephalogram emotion recognition. Electronics Letters, 58(4): 174-177, 2022. ( 中科院 4 区 · IF: 1.314)
- [20] Dongdong Li, Yujin Zhu, Zhe Wang\*, Chuanyu Chong, Daqi Gao\*. Regularized Matrix-Pattern-Oriented Classification Machine with Universum. Neural Processing Letters, 45(3): 1077-1098, 2017. ( 中科院 4 区 · IF: 2.908)