# Jia Jia

## List of Publications by Year
## in descending order

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|---|---|---|---|
| **63** papers | **1,110** citations | 759233<br>**12** h-index | 794594<br>**19** g-index |
| **63** all docs | **63** docs citations | **63** times ranked | **814** citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Depression Detection via Harvesting Social Media: A Multimodal Dictionary Learning Solution. , 2017, , . | | 185 |
| 2 | User-level psychological stress detection from social media using deep neural network. , 2014, , . | | 105 |
| 3 | Detecting Stress Based on Social Interactions in Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1820-1833. | 5.7 | 100 |
| 4 | Interpretable aesthetic features for affective image classification. , 2013, , . | | 49 |
| 5 | Psychological stress detection from cross-media microblog data using Deep Sparse Neural Network. , 2014, , . | | 48 |
| 6 | Modeling Emotion Influence in Image Social Networks. IEEE Transactions on Affective Computing, 2015, 6, 286-297. | 8.3 | 44 |
| 7 | Emotional Audio-Visual Speech Synthesis Based on PAD. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 570-582. | 3.2 | 41 |
| 8 | Modality Attention for End-to-end Audio-visual Speech Recognition. , 2019, , . | | 41 |
| 9 | Affective image adjustment with a single word. Visual Computer, 2013, 29, 1121-1133. | 3.5 | 40 |
| 10 | MoPpe1 partners with MoSap1 to mediate TOR and cell wall integrity signalling in growth and pathogenicity of the rice blast fungus <i>Magnaporthe oryzae</i>. Environmental Microbiology, 2018, 20, 3964-3979. | 3.8 | 35 |
| 11 | Learning Discriminative Features from Spectrograms Using Center Loss for Speech Emotion Recognition. , 2019, , . | | 33 |
| 12 | Affective Image Colorization. Journal of Computer Science and Technology, 2012, 27, 1119-1128. | 1.5 | 30 |
| 13 | Learning robust uniform features for cross-media social data by using cross autoencoders. Knowledge-Based Systems, 2016, 102, 64-75. | 7.1 | 27 |
| 14 | ChoreoNet: Towards Music to Dance Synthesis with Choreographic Action Unit. , 2020, , . | | 27 |
| 15 | Towards Discriminative Representation Learning for Speech Emotion Recognition. , 2019, , . | | 26 |
| 16 | Head and facial gestures synthesis using PAD model for an expressive talking avatar. Multimedia Tools and Applications, 2014, 73, 439-461. | 3.9 | 23 |
| 17 | Estimating streambed parameters for a disconnected river. Hydrological Processes, 2014, 28, 3627-3641. | 2.6 | 22 |
| 18 | A computational cognition model of perception, memory, and judgment. Science China Information Sciences, 2014, 57, 1-15. | 4.3 | 20 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Synthesizing English emphatic speech for multimodal corrective feedback in computer-aided pronunciation training. Multimedia Tools and Applications, 2014, 73, 463-489. | 3.9 | 18 |
| 20 | Aesthetic-Aware Image Style Transfer. , 2020, , . | | 18 |
| 21 | An Online Attention-Based Model for Speech Recognition. , 0, , . | | 16 |
| 22 | Inferring Emotions From Large-Scale Internet Voice Data. IEEE Transactions on Multimedia, 2019, 21, 1853-1866. | 7.2 | 14 |
| 23 | Understanding the emotions behind social images: Inferring with user demographics. , 2015, , . | | 9 |
| 24 | Inferring users' emotions for human-mobile voice dialogue applications. , 2016, , . | | 9 |
| 25 | Generating emphatic speech with hidden Markov model for expressive speech synthesis. Multimedia Tools and Applications, 2015, 74, 9909-9925. | 3.9 | 8 |
| 26 | A Compact Framework for Voice Conversion Using Wavenet Conditioned on Phonetic Posteriorgrams. , 2019, , . | | 8 |
| 27 | Mental Health Computing via Harvesting Social Media Data. , 2018, , . | | 8 |
| 28 | HMM-based emphatic speech synthesis for corrective feedback in computer-aided pronunciation training. , 2015, , . | | 7 |
| 29 | A systematic exploration of the micro-blog feature space for teens stress detection. Health Information Science and Systems, 2016, 4, 3. | 5.2 | 7 |
| 30 | Emphatic Speech Generation with Conditioned Input Layer and Bidirectional LSTMS for Expressive Speech Synthesis. , 2018, , . | | 7 |
| 31 | A review on one-dimensional carbon-based composites as electromagnetic wave absorbers. Journal of Materials Science: Materials in Electronics, 2022, 33, 567-584. | 2.2 | 7 |
| 32 | Analysis and Modeling of Affective Audio Visual Speech Based on PAD Emotion Space. , 2008, , . | | 6 |
| 33 | Comparing feature dimension reduction algorithms for GMM-SVM based speech emotion recognition. , 2013, , . | | 6 |
| 34 | Adaptive named entity recognition based on conditional random fields with automatic updated dynamic gazetteers. , 2012, , . | | 5 |
| 35 | Expressive talking avatar synthesis and animation. Multimedia Tools and Applications, 2015, 74, 9845-9848. | 3.9 | 5 |
| 36 | Emphasis Detection for Voice Dialogue Applications Using Multi-channel Convolutional Bidirectional Long Short-Term Memory Network. , 2018, , . | | 5 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 37 | Emotion Inferring from Large-scale Internet Voice Data: A Multimodal Deep Learning Approach. , 2018, , . | | 5 |
| 38 | Facile synthesis of adjustable high-entropy alloy/polypyrrole electromagnetic wave absorber. Journal of Materials Science: Materials in Electronics, 2021, 32, 26074-26085. | 2.2 | 5 |
| 39 | Understanding the Teaching Styles by an Attention based Multi-task Cross-media Dimensional Modeling. , 2019, , . | | 5 |
| 40 | Comparison of adaptation methods for GMM-SVM based speech emotion recognition. , 2012, , . | | 4 |
| 41 | Low level descriptors based DBLSTM bottleneck feature for speech driven talking avatar. , 2016, , . | | 4 |
| 42 | Enhancing Music Recommendation with Social Media Content: an Attentive Multimodal Autoencoder Approach. , 2020, , . | | 4 |
| 43 | Cross-VAE: Towards Disentangling Expression from Identity For Human Faces. , 2020, , . | | 4 |
| 44 | Facial expression synthesis based on motion patterns learned from face database. , 2010, , . | | 3 |
| 45 | Analysis of Chinese Interrogative Intonation and its Synthesis in HMM-Based Synthesis System. , 2011, , . | | 3 |
| 46 | Emotional talking agent: System and evaluation. , 2010, , . | | 2 |
| 47 | Detection on PSOLA-modified voices by seeking out duplicated fragments. , 2012, , . | | 2 |
| 48 | Grading the Severity of Mispronunciations in CAPT Based on Statistical Analysis and Computational Speech Perception. Journal of Computer Science and Technology, 2014, 29, 751-761. | 1.5 | 2 |
| 49 | Image Colorization with an Affective Word. Lecture Notes in Computer Science, 2012, , 51-58. | 1.3 | 2 |
| 50 | Wander: A breath-control Audio Game to Support Sound Sleep. , 2021, , . | | 2 |
| 51 | THear: Development of a mobile multimodal audiometry application on a cross-platform framework. , 2016, , . | | 1 |
| 52 | Visual-speech Synthesis of Exaggerated Corrective Feedback. , 2020, , . | | 1 |
| 53 | Design and Implementation of a Disambiguity Framework for Smart Voice Controlled Devices. , 2019, , . | | 1 |
| 54 | Modeling Emotion Influence Using Attention-based Graph Convolutional Recurrent Network. , 2019, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 55 | A real-time tone enhancement method for continuous Mandarin speeches. , 2012, , . | | 0 |
| 56 | An online speech driven talking head system. , 2012, , . | | 0 |
| 57 | Label transform based cross-language speaker adaptation in bilingual (Mandarin-English) TTS. , 2012, , . | | 0 |
| 58 | Perceptual clustering based unit selection optimization for concatenative text-to-speech synthesis. , 2012, , . | | 0 |
| 59 | Intention understanding based on multi-source information integration for Chinese Mandarin spoken commands. , 2012, , . | | 0 |
| 60 | Analysis on mispronunciations in CAPT based on computational speech perception. , 2012, , . | | 0 |
| 61 | A new method for the objective perceptual measurement of Chinese initials. , 2013, , . | | 0 |
| 62 | A systematic approach to compute perceptual distribution of monosyllables. , 2017, , . | | 0 |
| 63 | The practice of speech and language processing in China. Communications of the ACM, 2021, 64, 81-87. | 4.5 | 0 |