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## 王上飞



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**主要研究方向:** 模式识别、情感计算、计算机视觉、多媒体技术

王上飞, 教授, 博导, IEEE和CCF高级会员, CCF人工智能与模式识别专委、多媒体技术专委和计算机视觉专委委员, CAAI人工心理与人工情感专委委员。2002年获中国科学技术大学信号与信息处理专业博士学位。2004年和2011年分别赴日本九州大学和美国伦斯勒理工学院交流访问。作为负责人, 承担了国家自然科学基金委、国家科技部、教育部留学基金委、安徽省科技厅等支持的项目近二十项。在国内外重要学术期刊TPAMI、TIP、TKDE、TMM、TAC、TCYB和国际学术会议CVPR、ICCV、ACMMM、AAAI等发表学术论文百余篇。发表的论文成为IEEE Trans. 热点论文百余次。2019年起, 担任IEEE TAC和ACM TOMM副主编。指导的研究生获得GOOGLE女性科学家奖、GOOGLE奖学金、中科院院长奖、国家奖学金和优秀毕业生等多个奖项。

### 获奖情况:

2019 AVEC国际抑郁症比赛亚军

2019 OMG国际个性化共情预测比赛亚军

2019 OMG国际通用共情预测比赛亚军

2014 ACM Nanjing Rising Star Nomination Award

2013 FG优秀论文

### 十篇代表性论著:

GOOGLE SCHOLAR: <https://scholar.google.com/citations?user=PmDOUfQAAAAJ&hl=zh-CN>

DBLP: <http://dblp.uni-trier.de/pers/hd/w/Wang:Shangfei>

Shi Yin, Shangfei Wang, Xiaoping Chen, Enhong Chen, Cong Liang, Attentive One-Dimensional Heatmap Regression for Facial Landmark Detection and Tracking, ACM MM 2020, 12-16 October 2020 Seattle, United States

Shangfei Wang, Longfei Hao, Qiang Ji: Knowledge-Augmented Multimodal Deep Regression Bayesian Networks for Emotion Video Tagging, IEEE Trans. on Multimedia, 2(4): 1084-1097 (2020)

Shangfei Wang, Zhuangqiang Zheng, Shi Yin, Jiajia Yang, Qiang Ji: A Novel Dynamic Model Capturing Spatial and Temporal Patterns for Facial Expression Analysis, IEEE Trans. on Pattern Analysis and Machine Learning, 42(9): 2082-2095 (2020)

Guozhu Peng, Shangfei Wang, Dual Semi-Supervised Learning for Facial Action Unit Recognition, AAAI2019, 8827-8834

Shangfei Wang, Shan Wu, Guozhu Peng, Qiang Ji: Capturing Feature and Label Relations Simultaneously for Multiple Facial Action Unit Recognition. IEEE Trans. on Affective Computing, 10(3): 348-359 (2019)

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Guozhu Peng, Shangfei Wang, Weakly Supervised Facial Action Unit Recognition through Adversarial Training, CVPR2018, 2188-2194.

Shangfei Wang, Bowen Pan, Huaping Chen, Qiang Ji: Thermal Augmented Expression Recognition. IEEE Trans. on Cybernetics, 48(7): 2203-2214 (2018)

Shangfei Wang, Guozhu Peng, Shiyu Chen, Qiang Ji: Weakly Supervised Facial Action Unit Recognition with Domain Knowledge. IEEE Trans. on Cybernetics, 48(11): 3265-3276 (2018)



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