

张键

(2024 年 10 月更新)



一、个人简介

张键，男，1978 年10月生，中共党员，教授，硕士生导师，计算机科学与技术系党支部书记。2017年入选连云港市“521”人才工程、“花果山英才”培养对象，2018年获连云港市“海燕计划”资助，2020年入选江苏省“双创人才”，江苏省人工智能学会模式识别专委会常务委员，江苏省高校“青蓝工程”优秀教学团队骨干，2016-2017年香港理工大学访问研究员，长期担任 IEEE TNNLS、Pattern Recognition等10余个知名国际期刊的审稿人，获江苏省高校科学研究成果奖、连云港市自然科学优秀学术成果奖。主要从事图像处理、模式识别与机器学习、计算机视觉、大数据分析等方面的研究，在基于视觉的自动检测领域有着丰富的项目经验，取得一系列的研究成果，发表研究论文40余篇，申请发明专利10余件，第一发明人授权发明专利3件，实用新型专利2件，软件著作权40余件；主持/参与包括国家、省、市纵向项目以及横向项目18项。

联系电话：15961379268

E-Mail: zhangjian@jou.edu.cn

通讯地址：江苏省连云港市海州区苍梧路59号江苏海洋大学计算机工程学院

二、研究方向

1. 模式识别与智能系统；
2. 机器学习；
3. 人工智能及其应用；
4. 数据挖掘与大数据分析；

三、教育经历

2011.03-2015.11 ，南京理工大学，控制科学与工程，博士；

2003.09-2006.06，渤海大学，课程与教学论（计算机），硕士；

1997.09-2001.06，曲阜师范大学，教育技术学，本科；

四、工作经历

2024.07-今，江苏海洋大学，计算机工程学院，教授；

2016.11-2017.11，中国香港理工大学，纺织工程学院，访问研究员；

2015.09-2024.06，江苏海洋大学，计算机工程学院，副教授；

2008.07-2015.09，淮海工学院，计算机工程学院，讲师；

2006.06-2008.07，淮海工学院，计算机工程学院，助教；

2001.07-2003.08，山东省兖矿集团附属中学，高中教师；

五、社会兼职

江苏省高新技术企业技术专家；

江苏省后备人才培养计划导师；

连云港市科技咨询专家库专家；

中国自动化学会、人工智能学会、电子学会会员；

江苏省人工智能学会模式识别专委会常务委员；

六、代表性科研论文

按文献著录格式

[1] Zang Q, **Zhang J***, Bo L, et al. A fully automatic adjacent key-points localization framework for minimal repeated pattern detection in printed fabric images[J]. *Knowledge-Based Systems*, **2024**, 300: 112157. (SCI)

[2] Ren, Y., Zhang, H., Du, L., Zhang, Z., **Zhang, J.**, & Li, H. (2024). Stealthy Black-Box Attack With Dynamic Threshold Against MARL-Based Traffic Signal Control System. *IEEE Transactions on Industrial Informatics*. (SCI)

[3] Ren, Y., Zhang, H., Yang, W., Li, M., **Zhang, J.**, & Li, H. (2024). Transferable Adversarial Attack Against Deep Reinforcement Learning-Based Smart Grid Dynamic Pricing System. *IEEE Transactions on Industrial Informatics*. (SCI)

[4] R Fei, **J Zhang***, L Bo, et al. Joint multi-subspace feature learning with singular value decomposition for robust single-sample face recognition [J]. *Computers and Electrical Engineering*, 2024, 114: 109085. (SCI)

[5] Zhang, H., Wu, L., Zhi, Y., Yang, C., Cao, X., **Zhang, J.**, & Li, H. (2023). Throughput maximization for usv-enabled underwater wireless networks under jamming attack. *IEEE Sensors Journal*. (SCI)

[6] Ren, Y., Zhang, H., Cao, X., Yang, C., **Zhang, J.**, & Li, H. (2023). Promoting or hindering: Stealthy black-box attacks against drl-based traffic signal control. *IEEE Internet of Things Journal*. (SCI)

[7] Wang, Z., Zhang, H., Cao, X., Liu, E., Li, H., & **Zhang, J.** (2023). Modeling and detection scheme for zero-dynamics attack on wind power system. *IEEE Transactions on Smart Grid*, 15(1), 934-943. (SCI)

[8] Sun, J., Zhang, H., Wang, X., Yang, M., **Zhang, J.**, Li, H., & Gong, C. (2023). Leveraging uav-ris reflects to improve the security performance of wireless network systems. *IEEE Networking Letters*, 5(2), 81-85. (SCI)

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[11] **Zhang J.**, et al. Single Image Self-Learning Super-Resolution with Robust Matrix Regression[J]. *AATCC Journal of Research*, doi:10.14504/ajr.8.S1.17 In publication. 2022. (SCI)

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[13] Zhu, Y., Zhang, H., Li, H., **Zhang, J.**, & Zhang, D. (2022). Optimal jamming strategy against two-state switched system. *IEEE Communications Letters*, 26(3), 706-710. (SCI)

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[15] Xu, S., **Zhang, J.** *, Bo, L., Li, H., Zhang, H., Zhong, Z., & Yuan, D. (2021). Singular vector sparse reconstruction for image compression. *Computers & Electrical Engineering*, 91, 107069. (SCI)

[16] Xu, W., Zhang, H., Cao, X., Deng, R., Li, H., & **Zhang, J.** (2021). Securing wireless relaying communication for dual unmanned aerial vehicles with unknown eavesdropper. *Information Sciences*, 546, 871-882. (SCI)

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