山东大学“计算机视觉与无线通信”研究组历届研究生论文专利

(每人按重要性和时间排序)

著录格式:

序. 20XX 级姓名已发表论文已申请专利(前两位的论文专利数/已发表论文专利总数)

1. 期刊论文

[序]作者 Authors. 题目 Title [J]. *期刊全名*, 年.月, 卷号(期号): 起-止页码, article no. XXX. (**期刊级别, 分区及影响因子, SCI/EI 收录号, ISSN 国际刊号**) **PDF**

2. 会议论文集论文

[序]作者 Authors. 题目 Title [C]. *Proceedings of the 会议全名*, 会议地城市, 国家, 年-月-day~day, 起-止页码. (**EI 会议, EI 收录号**)

3. 发明专利

[序]发明人. 专利名称[P]. 申请号/专利号, 申请日/授权日, 国家知识产权局. (**发明专利, 所处阶段**)

符号说明: #共同第一作者, *通讯作者。

26. 2024 级黄善源已发表论文已申请专利(0/0)

[1]Yupeng Zhang#, Zongwei Pang#, **Shanyuan Huang**, Chengyou Wang*, Xiao Zhou. Unmasking AI-created visual content: A review of generated images and deepfake detection technologies [J]. 2025, 1–40. (**SCI 期刊, 审稿中**)

25. 2024 级张三泰已发表论文已申请专利(0/0)

无

24. 2024 级庞宗伟已发表论文已申请专利(0.5/0.5)

[1]Yupeng Zhang#, **Zongwei Pang**#, Shanyuan Huang, Chengyou Wang*, Xiao Zhou. Unmasking AI-created visual content: A review of generated images and deepfake detection technologies [J]. 2025, 1–40. (**SCI 期刊, 审稿中**)

23. 2024 级张玉鹏已发表论文已申请专利(0.5/0.5)

[1]**Yupeng Zhang**#, Zongwei Pang#, Shanyuan Huang, Chengyou Wang*, Xiao Zhou. Unmasking AI-created visual content: A review of generated images and deepfake detection technologies [J]. 2025, 1–40. (**SCI 期刊, 审稿中**)

22. 2024 级门凯月已发表论文已申请专利(0/0)

无

21. 2023 级赵铂已发表论文已申请专利(1/1)

[1]周晓, 赵铂, 王成优. 一种智能反射面辅助无线通信系统的波束成形设计方法[P]. 申请号: XXX, 申请日: 2025-03-00, 国家知识产权局. (**发明专利, 已受理**)

20. 2023 级马启明已发表论文已申请专利(1/1)

[1]王成优, 马启明, 王小利, 周晓, 孙永泉, 邵元勋, 申永宏, 武文博, 高雷. 结合交叉注意力和记忆优化的视频异常检测方法及系统[P]. 申请号: CN202411739916.9, 申请日: 2024-11-29, 国家知识产权局. (**发明专利, 已受理**)

19. 2022 级王金豪已发表论文已申请专利(3.5/3.5)

[1]**Jinhao Wang**, Xiao Zhou*, Chengyou Wang, Zhiquan Bai. RCANet based user partitioning channel estimation for RIS assisted mmWave MIMO systems [J]. *IEEE Transactions on Green Communications and Networking*, 2025. (**SCI 期刊, JCR2023 Q1, 中科院 2 区, 中信所 3 区, IF: 5.3, ISSN: 2473-2400, 二审中**)

[2]Yun Yu#, **Jinhao Wang**#, Xiao Zhou*, Chengyou Wang, Zhiquan Bai, Zhun Ye. Review on channel estimation for reconfigurable intelligent surface assisted wireless communication system [J]. *Mathematics*, 2023, 11(14): 1–30, article no. 3235. (**SCI 期刊, JCR2023 Q1, 中科院 3 区, 中信所 2**

区, IF: 2.3, WOS 收录号: 001038885800001, ISSN: 2227-7390) PDF

[3]周晓, 王金豪, 王成优. 基于 RIS 的两阶段超分辨率参数信道估计方法及装置[P]. 申请号: CN202311577373.0, 申请日: 2023-11-23, 公开日: 2024-02-27, 国家知识产权局. (**发明专利, 实审中**)

[4]周晓, 王金豪, 王成优. 基于重参数和坐标注意力的分组信道估计方法及装置[P]. 申请号: CN202410485366.6, 申请日: 2024-04-22, 公开日: 2024-07-16, 国家知识产权局. (**发明专利, 实审中**)

18. 2022 级余韵已发表论文已申请专利(2.5/2.5)

[1]**Yun Yu**[#], Jinhao Wang[#], Xiao Zhou[*], Chengyou Wang, Zhiquan Bai, Zhun Ye. Review on channel estimation for reconfigurable intelligent surface assisted wireless communication system [J]. *Mathematics*, 2023, 11(14): 1–30, article no. 3235. (**SCI 期刊, JCR2023 Q1, 中科院 3 区, 中信所 2 区, IF: 2.3, WOS 收录号: 001038885800001, ISSN: 2227-7390**) PDF

[2]周晓, 余韵, 王成优. 一种基于特征重构的智能反射面信道估计方法及系统[P]. 申请号: CN202311542180.1, 申请日: 2023-11-17, 公开日: 2024-02-06, 国家知识产权局. (**发明专利, 实审中**)

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17. 2022 级石纯银已发表论文已申请专利(4.5/4.5)

[1]**Chunyin Shi**, Chengyou Wang[*], Xiao Zhou, Zhiliang Qin. MCL-Net: Multi-modality complementary learning network with cross-modality interaction and adaptive fusion for face forgery detection [J]. *Engineering Applications of Artificial Intelligence*, 2025, 1–20. (**SCI 期刊, JCR2023 Q1, 中科院 2 区 Top, 中信所 2 区, IF: 7.5, ISSN: 0952-1976, 二审中**)

[2]**Chunyin Shi**, Chengyou Wang[*], Xiao Zhou, Zhiliang Qin. DAE-Net: Dual attention mechanism and edge supervision network for image manipulation detection and localization [J]. *IEEE Transactions on Instrumentation and Measurement*, 2024, 73: 1–17, article no. 5030317. (**SCI 期刊, JCR2023 Q1, 中科院 2 区 Top, 中信所 2 区, IF: 5.6, WOS 收录号: 001311251000035, ISSN: 0018-9456**) PDF

[3]**Chunyin Shi**[#], Luan Chen[#], Chengyou Wang[*], Xiao Zhou, Zhiliang Qin. Review of image forensic techniques based on deep learning [J]. *Mathematics*, 2023, 11(14): 1–33, article no. 3134. (**SCI 期刊, JCR2023 Q1, 中科院 3 区, 中信所 2 区, IF: 2.3, WOS 收录号: 001038784000001, ISSN: 2227-7390**) PDF

[4]王成优, 石纯银, 周晓. 基于双阶注意力和边缘监督的图像篡改检测方法及系统[P]. 申请号: CN202311303561.4, 申请日: 2023-10-09, 公开日: 2024-01-02, 国家知识产权局. (**发明专利, 实审中**)

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[1]**Lin Ye**, Chengyou Wang[*], Xiao Zhou, Baocheng Jiang, Changsong Yu, Zhiliang Qin. Natural gas pipeline weak leakage detection based on negative pressure wave decomposition and feature enhancement [J]. *Reliability Engineering and System Safety*, 2025, 257: 1–14, article no. 110857. (**SCI 期刊, JCR2023 Q1, 中科院 1 区 Top, 中信所 2 区, IF: 9.4, WOS 收录号: 001423958600001, ISSN: 0951-8320**) PDF

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[4]王成优，叶霖，周晓．基于相异差和双流扩维图的燃气管网泄漏检测方法及系统[P]．专利号：ZL202311061507.3，授权日：2024-08-02，国家知识产权局．(发明专利，已授权) PDF

15. 2022 级陈銮已发表论文已申请专利(3.5/3.5)

[1]Luan Chen, Chengyou Wang*, Xiao Zhou, Zhiliang Qin. Robust and compatible video watermarking via spatio-temporal enhancement and multiscale pyramid attention [J]. *IEEE Transactions on Circuits and Systems for Video Technology*, 2025, 35(2): 1548–1561. (SCI 期刊，JCR2023 Q1，中科院 1 区 Top，中信所 2 区，IF：8.3，WOS 收录号：001422045800017，ISSN：1051-8215) PDF

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[3]王成优，陈銮，周晓．一种基于分层注意力特征融合的鲁棒图像水印方法及系统[P]．申请号：CN202211500670.0，申请日：2022-11-28，公开日：2023-04-04，国家知识产权局．(发明专利，实审中)

[4]王成优，陈銮，周晓．一种基于时空特征增强的鲁棒视频水印方法及系统[P]．申请号：CN202311297529.X，申请日：2023-10-08，公开日：2023-12-29，国家知识产权局．(发明专利，实审中)

14. 2021 级宋仓海已发表论文已申请专利(3/3)

[1]Canghai Song, Xiao Zhou*, Chengyou Wang, Zhun Ye. A double-threshold channel estimation method based on adaptive frame statistics [J]. *Mathematics*, 2023, 11(15): 1–22, article no. 3342. (SCI 期刊，JCR2023 Q1，中科院 3 区，中信所 2 区，IF：2.3，WOS 收录号：001046247100001，ISSN：2227-7390) PDF

[2]周晓，宋仓海，王成优．一种基于结构检测的稀疏信道估计方法及系统[P]．专利号：ZL202211483050.0，授权日：2024-05-03，国家知识产权局．(发明专利，已授权) PDF

[3]周晓，宋仓海，王成优．一种基于最小代价的动态阈值信道估计方法及系统[P]．专利号：ZL202211434904.6，授权日：2024-04-26，国家知识产权局．(发明专利，已授权) PDF

13. 2021 级赵怡梦已发表论文已申请专利(3/3)

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[2]王成优，赵怡梦，周晓．基于深度学习和注意力网络的鲁棒图像水印方法及系统[P]．专利号：ZL202111607588.3，授权日：2022-04-12，国家知识产权局．(发明专利，已授权) PDF

[3]王成优，赵怡梦，周晓．一种基于注意力机制的多尺寸图像鲁棒水印方法及系统[P]．申请号：CN202211434925.8，申请日：2022-11-16，公开日：2023-03-17，国家知识产权局．(发明专利，实审中)

12. 2020 级吴群已发表论文已申请专利(5/5)

[1]Qun Wu, Xiao Zhou*, Chengyou Wang, Zhiliang Qin. Channel estimation based on superimposed pilot and weighted averaging [J]. *Scientific Reports*, 2022, 12(1): 1–15, article no. 10293. (SCI 期刊，JCR2022 Q2，中科院 3 区，中信所 3 区，IF：4.6，WOS 收录号：000812691000010，ISSN：2045-2322) PDF

[2]Qun Wu, Xiao Zhou, Chengyou Wang, Hai Cao*. Variable pilot assisted channel estimation in MIMO-OFDM system with STBC and different modulation modes [J]. *EURASIP Journal on Wireless Communications and Networking*, 2022, 1–13, article no. 45. (**SCI 期刊, JCR2022 Q3, 中科院 4 区, 中信所 4 区, IF: 2.6, WOS 收录号: 000796494600001, EI 收录号: 20222012125325, ISSN: 1687-1499**) PDF

[3]吴群, 周晓*, 王成优. OFDM 系统中基于最优阈值 ACE 的 PAPR 抑制[J]. 工程科学学报, 2023, 45(1): 150–157. (**中文 EI 期刊, EI 收录号: 20224813181997, ISSN: 2095-9389**) PDF

[4]周晓, 吴群, 王成优. 基于叠加导频抵消的加权信道估计的信号恢复方法及系统[P]. 专利号: ZL202111602929.8, 授权日: 2022-09-02, 国家知识产权局. (**发明专利, 已授权**) PDF

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[2]Ruiguang Tang, Xiao Zhou*, Chengyou Wang. Singular value decomposition channel estimation in STBC MIMO-OFDM system [J]. *Applied Sciences*, 2019.08, 9(15): 1–18, article no. 3067. (**SCI 期刊, JCR2019 Q2, IF: 2.474, WOS 收录号: 000482134500122, ISSN: 2076-3417**) PDF

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6. 2016 级张志已发表论文(6/7)

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