陈钊民

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工作背景

- 温州大学, 计算机与人工智能学院, 副教授, 硕导   2021.6 - 至今
- 北京旷视科技有限公司, 南京研究院, Resaerch Intern   2018.2 - 2021.4

教育背景

- 南京大学, 计算机科学与技术系, 计算机科学与技术 (博士)   2016.9 - 2021.6
- 湖南大学, 电气与信息工程学院, 电气工程及其自动化 (学士)   2012.9 - 2016.6

担任课程

- 数据结构与算法综合实践   (实践与创新教育课, 64 学时)   每学年秋季学时

研究领域

图像多标签学习、目标检测、图像长尾分布、蒸馏学习

科研成果

论文:

- **Zhao-Min Chen**, Quan Cui, Borui Zhao, Renjie Song, and Osamu Yoshie. SST: Spatial and Semantic Transformers for Multi-label Image Recognition. IEEE Transactions on Image Processing (TIP), 2022. (图像处理国际顶级期刊, 中科院一区, CCF-A 类期刊)

- **Zhao-Min Chen**, Xin Jin, Borui Zhao, Xaoqin Zhang and Yanwen Guo. HCE: Hierarchical Context Embedding for Region-based Object Detection. IEEE Transactions on Image Processing (TIP), 2021. (图像处理国际顶级期刊, 中科院一区, CCF-A 类期刊)

- **Zhao-Min Chen**, Xiu-Shen Wei, Peng Wang, and Yanwen Guo. Learning Graph Convolutional Networks for Multi-Label Recognition and Applications. IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI), 2021. (计算机视觉与模式识别领域国际顶级期刊, 中科院一区, CCF-A 类期刊)

- **Zhao-Min Chen**, Quan Cui, Xiu-Shen Wei, Xin Jin, and Yanwen Guo. Disentangling, Embedding and Ranking Label Cues for Multi-Label Image Recognition. IEEE Transactions on Multimedia (TMM), 2020. (多媒体领域国际顶级期刊, 中科院一区, CCF-B 类期刊)

- **Zhao-Min Chen**, Xin Jin, Borui Zhao, Xiu-Shen. Wei, and Yanwen Guo. Hierarchical Context Embedding for Region-based Object Detection. IEEE European Conference on Computer Vision (ECCV), 2020. (计算机视觉与模式识别领域国际顶级会议, CCF-B 类会议)

- **Zhao-Min Chen**, Xiu-Shen Wei, Peng Wang, and Yanwen Guo. Multi-Label Image Recognition with Graph Convolutional Networks. IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2019. (计算机视觉与模式识别领域国际顶级会议, CCF-A 类会议)

- **Zhao-Min Chen**, Xiu-Shen Wei, Xin Jin, and Yanwen Guo. Multi-Label Image Recognition with joint Class-aware Map Disentangling and Label Correlation Embedding. IEEE International Conference on Multimedia & Expo (ICME), 2019, Oral presentation. (多媒体领域国际重要会议, CCF-B 类会议)

- Quan Cui, Bingchen Zhao, **Zhao-Min Chen**, Borui Zhao, Renjie Song, Boyan Zhou, Jiajun Liang, and Osamu Yoshie. Discriminability-Transferability Trade-Off: An Information-Theoretic Perspective. IEEE European Conference on Computer Vision (ECCV), 2022. (计算机视觉与模式识别领域国际顶级会议, CCF-B 类会议)

- Quan Cui, **Zhao-Min Chen**, Osamu Yoshie. Delving into the representation learning of deep hashing. Neurocomputing, 2022. (中科院二区)

- Xin Jin, Yanping Xie, Xiu-Shen Wei, Bo-Rui Zhao, **Zhao-Min Chen**, Xiaoyang Tan. Delving Deep into Spatial Pooling for Squeeze-and-Excitation Networks. Pattern Recognition, 2021. (模式识别领域国际重要期刊, 中科院一区, CCF-B 类期刊)

- Yanrui Bin, **Zhao-Min Chen**, Xiu-Shen Wei, Xinya Chena, Changxin Gao, Nong Sang. Structure-Aware Human Pose Estimation with Graph Convolutional Networks. Pattern Recognition (PR), 2020. (模式识别国际重要期刊, 中科院一区, CCF-B 类期刊)

- Boyan Zhou, Quan Cui, Xiu-Shen Wei, and **Zhao-Min Chen**. BBN: Bilateral-Branch Network with Cumulative Learning for Long-Tailed Visual Recognition. IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2020, Oral presentation. (计算机视觉与模式识别领域国际顶级会议, CCF-A 类会议)

专利:
- 魏秀参, **陈钊民**, 多标签图像分类方法、装置及电子设备, ZL201810802045.9
- 魏秀参, **陈钊民**, 基于图卷积的多标签图像分类方法、装置及设备, ZL201910051706.3

项目情况

- 国家自然科学基金青年基金, 主持   2023.1-2025.12
- 浙江省自然科学基金联合群体基金, 参与   2023.1-2025.12
- 浙江省自然科学基金青年基金, 主持   2022.1-2024.12
- 浙江省研究生教育学会科研项目, 参与   2022.1-2024.12

获奖情况

- 温州大学新湖学者, 2021 年
- 南京大学中汇信息奖, 2020 年
- 南京大学人工智能奖, 2019 年
- 湖南大学优秀毕业生, 2016 年