

张艾佳



职称：助理教授
现职单位/部门：人文艺术学院
电邮地址：ajzhang@must.edu.mo
电话：(853) 8897-3553
办公室：R623
邮寄地址：澳门凼仔伟龙马路

教研领域

视觉传达设计、信息设计、交互设计、数字疗法、社会创新设计、智能服务

学历

2022-2025 澳门科技大学 / 艺术设计理论与实践 / 博士学位
2019-2022 山东大学 / 设计学 / 硕士学位
2015-2019 西南交通大学 / 视觉传达设计 / 学士学位
/ 工程管理 / 学士学位 (双学位)

教学经验

现职 澳门科技大学 / 人文艺术学院 / 助理教授

学术成果

1. **Zhang, A.,** Luo, X., Lin, R., He, C., Wang, J., & Huang, G. (2024). Group arts therapies for patients with schizophrenia: a protocol of systematic review and meta-analysis. *BMJ open*, 14(6), e082076.
2. **Zhang, A.,** Luo, X., Ying, F., Wang, J., & Huang, G. (2024). Collaborative Arts Therapies as a Supportive Intervention for Autism Spectrum Disorders: Bibliometric Analysis, Insights, and Directions. *Heliyon*, 11(1), e41333.
3. **Zhang, A.,** Luo, X., Li, Y., Yan, L., Lai, X., Yang, Q., ... & Wang, J. (2024). Epigenetic changes driven by environmental pollutants in lung carcinogenesis: a comprehensive review. *Frontiers in Public Health*, 12, 1420933.
4. **Zhang, A.,** Lin, R., Luo, X., Li, H., & Huang, G. (2024). Co-Creation with AI: A Painting Therapy Program Aimed at Ameliorating Attention Deficits in Children with ADHD. *Applied Neuropsychology: Child*, 1-10.
5. **Zhang, A.,** Xu, J., Li, Y., & Huang, G. (2024). Developing a Collaborative Interactive Prototype Design Approach for Healthcare of Children with Autism. *The 2024 International Symposium on Ubiquitous Intelligence and Interaction Design (UIID2024)*.

6. **Zhang, A.**, Lin, R., He, C., & Huang, G. (2023). U+X: A Participatory Interaction Design Pattern for Improving Communication Skills in Preschoolers. In: *Zaphiris, P., et al. HCI International 2023 – Late Breaking Papers. HCII 2023*. Lecture Notes in Computer Science, vol 14060. Springer, Cham.
7. **Zhang, A.**, Huang, G., & Ying, F. (2022). Babbling: A Digital Book Application to Improve Preschool Children's Social Communication Ability. *DSIE*, 365, 379-389.
8. Luo, X., **Zhang, A.**, Li, Y., Zhang, Z., Ying, F., Lin, R., Yang, Q., Wang, J. and Huang, G. (2024), Emergence of Artificial Intelligence Art Therapies (AIATs) in Mental Health Care: A Systematic Review. *Int J Mental Health Nurs*, 33, 1743-1760.
9. Li, H., Xue, T., **Zhang, A.**, Luo, X., Kong, L., & Huang, G. (2024). The application and impact of artificial intelligence technology in graphic design: A critical interpretive synthesis. *Heliyon*, 10(21).
10. Luo, X., **Zhang, A.**, Li, H., Li, Y., Ying, F., Wang, X., Yang, Q., Zhang, Z., & Huang, G. (2024). The role of arts therapies in mitigating Sleep Initiation and Maintenance Disorders: a systematic review. *Frontiers in psychiatry*, 15, 1386529.
11. Xu, J., Wang, Q., **Zhang, A.**, Luo, X., & Huang, G. (2025). Sensory-Mediated 'Arts on Prescription': Emotional Arousal Mechanisms through Portuguese Azulejo Craft Workshop. *Frontiers in Psychology*, 16, 1595856.
12. Xu, J., Li, Y., **Zhang, A.**, Shen, J., & Huang, G. (2024). Exploring cross-modal Visual-Tactile therapy interactions for the modulation of generalized anxiety. *The 2024 International Symposium on Ubiquitous Intelligence and Interaction Design (UIID2024)*.
13. Li, Y., Xu, J., **Zhang, A.**, Shen, J., & Huang, G. (2024). System Design for the Protection and Dissemination of Sentimental Objects. *The 2024 International Symposium on Ubiquitous Intelligence and Interaction Design (UIID2024)*.
14. Lin, R., **Zhang, A.**, He, C., Huang, G., Zhou, J. (2023). Understanding the Design Rhythm of Vortex via Visualization. *HCII 2023*. Lecture Notes in Computer Science, vol 14056. Springer, Cham.
15. Li, Y., Luo, X., **Zhang, A.**, Ying, F., Wang, J., & Huang, G. (2024). The Potential of Arts Therapies in Parkinson's Disease Rehabilitation: A Comprehensive Review. *Heliyon*, 10, e35765.
16. Wang, Y., Huang, Y., Luo, X., Lai, X., Yu, L., Zhao, Z., **Zhang, A.**... & Wu, Q. (2024). Deciphering the role of miRNA-134 in the pathophysiology of depression: A comprehensive review. *Heliyon*, 10, e39026.

奖项

1. 2024 年，第九届海峡两岸新锐设计大赛·华灿奖，一等奖
2. 2023 年，米兰设计周中国高校设计专业师生优秀作品展，一等奖
3. 2022 年，2022 UDA International Design Competition，金奖
4. 2021 年，UDA 2021 SSL Competition，铜奖

5. 2020 年，UDA 2020 International Idea Design Competition，金奖
6. 2020 年，Blue Awards International Competition for Product Culture & Design，优秀奖

参展

1. 2024 年，亚洲设计周“人工智能与实验艺术”
2. 2021 年，UDA 10th United Designs Biennial
3. 2021 年，UDA 23rd International Invitation Exhibition

研究成果

2024 年，绘愈之境：针对自闭症儿童的协同绘画治疗 APP，计算机软件著作权，2024SR1794210

参与项目

1. 2024 年，参与国家社科基金艺术学一般项目：基于心理影像技术原理的 AI 艺术辅助治疗研究，澳门科技大学
2. 2024 年，参与国家艺术基金一般项目：中葡荟澳-澳门手工艺创新人才培养项目，澳门科技大学
3. 2024 年，参与澳门科技大学研究基金项目(FRG)：基于人工智能的注意力缺陷多动障碍儿童绘画治疗研究，澳门科技大学
4. 2022 年，参与澳门科技大学研究基金项目(FRG)：人工智能生成物与著作权，澳门科技大学
5. 2022 年，参与国家艺术基金一般项目：盛世莲花：“澳门回归”主题创作美术作品展，澳门科技大学
6. 2020 年，参与山东大学横向科研项目：青少年及儿童科学教育绘本，山东大学