

Chaoyi Cui



Position : Assistant Professor
Faculty : Faculty of Humanities and Arts
Email Address : cycui@must.edu.mo
Telephone : (853) 88973052
Fax No. :
Office : 614
Mailing Address : Avenida Wai Long, Taipa, Macau

Environmental Perception and Urban Quality of Life, Public Space and Psychological Comfort, Urban Aesthetics and Spatial Perception

Academic Qualifications

2019 - 2022 Ph.D / Design / Central Academy of Fine Arts
2015 - 2018 Master / Landscape Architecture / University of Toronto
2009 - 2013 Bachelor / Art Design / Central Academy of Fine Arts

Teaching Experiences

Present Assistant Professor / FA / Macau University of Science and Technology
2018 - 2022 Lecturer / City Design School / Central Academy of Fine Art (Part-time)

Representative Publications

Journal Articles:

Huiming Liu*, Junying Yan, Chaoyi Cui, Xinmu Ren, Yongxi Gong, Yifan Li* (2026). Sensory-spatial pathways to risk perception in temporary nighttime urban events: the mediating roles of lighting quality and perceived crowding. *Humanities and Social Sciences Communications*. DOI: 10.1057/s41599-026-08551-8

Huiming Liu, Junying Yan, Fanqi Zeng, Ke Fang, Chaoyi Cui* (2026). Auditory and olfactory comfort in temporary urban events: Effects on affective valence and perceived crowd stress in a high-density city. *Frontiers of Architectural Research*. DOI: 10.1016/j.foar.2026.05.012

Huiming Liu*, Chaoyi Cui, Yongxi Gong, Shiji Jian* (2026). Psychological comfort as key: enhancing creativity and efficiency in informal learning spaces through cafe ambiance. *Humanities and Social Sciences Communications*. DOI: 10.1057/s41599-026-08012-2

Huiming Liu, Xuechun Wang, Georgia Butina Watson, Zujie Cai, Chaoyi Cui*, Junying Yan* (2026). Visual and olfactory perceptions in temporary urban activities: Effects on crowd perception and emotional satisfaction in a high-density urban setting. *Frontiers of Architectural Research*. DOI: 10.1016/j.foar.2026.04.019

Huiming Liu*, Wensen Huang, Georgia Butina Watson, Yongxi Gong, Chaoyi Cui, Yueyang Han (2026). Revealing walking experiences for shading based gendered perceptions of thermal comfort in a hot city. *International Journal of Biometeorology*, 70, 149. DOI: 10.1007/s00484-026-03207-3

Chaoyi Cui, Qianchen He, Huiming Liu* (2025). Depression restoration in university students: Data-driven insights across three types of campus greenness. *Data in Brief*, 61, 111831. DOI: 10.1016/j.dib.2025.111831

Huiming Liu, Ying Wang, Qianchen He, Xuechun Wang*, Chaoyi Cui, Yongxi Gong (2025). Assessing the restorative effects of campus greenness on student depression: a comparative study across three distinct university campus type in Macau. *BMC Public Health*, 25, 907. DOI: 10.1186/s12889-025-21356-9

Chaoyi Cui, Huiming Liu* (2024). Reclaiming Toronto's urban street image: Interventions through public art strategies based on sense of place. *Art Observation*, (12), 122–124. DOI: 10.3969/j.issn.1006-8899.2024.12.023

Huiming Liu, Bin Li, Qing Liu*, Yifan Li, Jing Zhao, Xuechun Wang, Chaoyi Cui, Shaoting Zeng (2023). What Do Local People Really Need from a Place? Defining Local Place Qualities with Assessment of Users' Perceptions. *International Journal of Environmental Research and Public Health*, 20(2), 1269. DOI: 10.3390/ijerph20021269

Chaoyi Cui (2021). The reboot of public art in Toronto: Interpreting the Toronto Public Art Strategy 2020–2030. *Industrial & Engineering Design*, 3(5), 87–100. DOI: 10.19798/j.cnki.2096-6946.2021.05.014

Bo Sun, Chaoyi Cui (2021). The relationship between architectural design tools and practices in China since reform and opening-up. *Urbanism and Architecture*, 18(6), 116–118. DOI: 10.19892/j.cnki.csjz.2021.06.34

Bo Sun, Chaoyi Cui (2020). Design, responsibility and interdisciplinarity: A comparative study of design teaching concepts at Taiwan's Shih Chien University and HEAD–Genève. *Ability and Wisdom*, (34), 153–154.

Journal Artwork:

Zhen Li, Xuguang Shao, Bo Sun, Chaoyi Cui, Lina Zhao. *Axis in the City [Artwork]*. *Art Research* (2020), (3), 95. DOI: 10.13318/j.cnki.msyj.2020.03.039

Conference Proceedings:

Chaoyi Cui. *Landscape Transformation of Agriculture Runoff Pollution; The United Nations*

World Food Forum (WFF) 2023 - Creative Design on "food action accelerates climate action", 2023,10,19

*Poetic "Attack" - Street Art Toronto (StART) Improving the Quality of Public Space, 2021
Shanghai International Forum Urban Furniture, Oct 22, 2021*

*The Drainage Filter Proposal for the Everglades: The Case Study of Basin S-8. '57th IFLA 2020
World congress& World Landscape Architects Summit'. Aug 18-22, 2021*

Research Grants/Projects

*Sustainable Urban Tourism through Spatial Sensory Experiences and Risk Perception in
Temporary Nighttime Events, Macau University of Science and Technology Faculty
Research Grant (General Research Grants, GRFs). PI: Huiming Liu. 2025-2026 (Key
Participant).*

*Study on Urban Public Art Policy, Central Academy of Fine Arts. Grant no. 9047. Project
funding: RMB 18,000. 2024.01-2025.06 (Principal Investigator).*

*Transitions of Living Patterns and Transforming Socio-commercial Uses in Residential
Building through Impacts of Covid-19, Macau University of Science and Technology Faculty
Research Grant (General Research Grants, GRFs). PI: Huiming Liu. Project funding: MOP
30,000. 2023-2025 (Key Participant).*

*Research on Urban Image Design in China, National Social Science Fund of China, Major
Project in Art Studies. Chief expert: Feng Wang. National project no. 22ZD18. Project
funding: RMB 500,000. 2022.05-2025.12 (Participant).*

Design Practical Projects

*Sequential Ivy, selected for Shenzhen Design Week 2024, exhibited at the Nanshan
sub-venue, Qiaochengfang, Nanshan District (Lead Designer, 2024).*

Visual Design for ZhiNiang (stage production) (Lead Designer, 2023/08-2023/11).

*Public Call: Renovation of the Laoshan Community, Shijingshan, Beijing; winning proposal,
implemented (Lead Designer, 2020).*

Public Art Design for Shenzhen Metro Line 10 (Lead Designer, 2020).

*Xiongan Urban Furniture Design and Cityscape Planning; 2019 open design competition
(Lead Designer, 2019-2020).*

*Master Plan of Public Art for Beijing Daxing International Airport (Lead Designer,
2018-2019).*

*Axis in the City and Listen, Touch the Sky, permanently collected by Beijing Daxing
International Airport (Lead Designer, 2019-2020).*

Professional Qualifications and Awards

2021 Rethinking The Future Awards

2020 Architecture MasterPrize

2020 National Urban Design Awards

2019 World Landscape Architecture