

# Selected Publications in Design Research

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- **Siu, K. W. M.\***, Pan, C. X., & Yang X. X. (accepted). Towards inclusive and sharing: Design re-thinking and direction of street demarcation from the perspective of inclusive design and shared space. *Zhuangshi*.
- Zhu, M. J., Ni, M. Q., & **Siu, K. W. M.\*** (accepted). Amplifying the ingenuity of community self-organization: A collaborative design workshop in Shanghai. *PUBLIC*.
- **Siu, K. W. M.**, Lam, M. S., & Wong, Y. L. (accepted). Designing signs for children: A study of children's drawing of safety signs. *Communication Design*. (Formerly: *Iridescent*)
- Liu, K., **Siu, K. W. M.\***, Gong, Y. X., Gao, Y., & Lu, D. (2016). Data on the distribution of physical activities in the Shenzhen greenway network with volunteered geographic information. *Data in Brief*.
- Liu, K., **Siu, K. W. M.\***, Gong, Y. X., Gao, Y., & Lu, D. (2016). Where do networks really work? The effects of the Shenzhen greenway network on supporting physical activities. *Landscape and Urban Planning*, 152, 49-58.
- Wang, W. J., **Siu, K. W. M.\***, & Wong, K. C. K. (2016). The pedestrian bridge as everyday place in high-density cities: An urban reference for necessity and sufficiency of placemaking. *URBAN DESIGN International*.
- **Siu, K. W. M.\***, & Xiao, J. X. (2016). Design and management of recycling facilities for household and community recycling participation. *Facilities*, 34(5/6). Advance online publication in 2016. doi: 10.1108/F-08-2014-0064
- **Siu, K. W. M.\*** (2016). CARE: Public post-disaster emergency aid facilities for victims. *SAGE Open*, 6(1), 1-10. Advance online publication. doi: 10.1177/2158244015623594
- Xiao, J. X.\*, & **Siu, K. W. M.\*** (2016). Public design and household participation in recycling for sustainability: A Case Study in Hong Kong. *The International Journal of Environmental Sustainability*, 12(1), 27-40.
- **Siu, K. W. M.\*** (2015). *Sustainability ambassadors: Promoting sustainability through children's participation*. Hong Kong: School of Design, The Hong Kong Polytechnic University.

- **Siu, K. W. M.\***, & Xiao, J. X. (2015). Quality of life and recycling behaviour in high-rise buildings: A case in Hong Kong. *Applied Research in Quality of Life*, advance online publication September, 2015.
- **Siu, K. W. M.\***, & Huang, Y. H. (2015). Everyday life under modernist planning: A study of an ever-transforming urban area in Hong Kong. *URBAN DESIGN International*, 20(4), 293-309.
- **Siu, K. W. M.\***, Ji, X. L., & Pan, C. X. (2015). The functional research of the road guide for the high density city – Taking Hong Kong for example. *Zhuangshi*, 218, 56-59.
- **Siu, K. W. M.\***, & Wong, K. S. (2015). Flexible design principles: Street furniture design for transforming environments, diverse users, changing needs and dynamic interactions. *Facilities*, 33(9/10), 588-621.
- Zhao, T. J., & **Siu, K. W. M.\*** (2015). The needs for quality urban rail transit life in Asian metropolitan cities. *Applied research in quality of life*, 10(4), 647-665.
- Huang, Y. H., & **Siu, K. W. M.\*** (2015). Design everyday city space: Reflection from modernist urbanism of Hong Kong. *Zhuangshi*, 216, 43-47.
- Zhao, T. J., & **Siu, K. W. M.\*** (2014). The boundaries of public space: A case study of Hong Kong's mass transit railway. *The International Journal of Design*, 8(2), 43-60.
- **Siu, K. W. M.**, & Zhu, M. J. (2014). Public design under the perspective of public: Gōng and gòng. *Zhuangshi*, 9(3), 113-115.
- Zhao, T. J., & **Siu, K. W. M.\*** (2014). Freedom and control: A state of balance in public space. *Facilities*, 32(11/12), 606-623.
- **Siu, K. W. M.\*** (2013). Accessible park environments and facilities for the visually impaired. *Facilities*, 31(13/14), 590-609.
- **Siu, K. W. M.\*** (2013). Regulation and reception of public space in Hong Kong. In J. Hou (Ed.), *Transcultural Cities: Border-crossing & Placemaking* (pp. 285-298). New York: Taylor & Francis.
- **Siu, K. W. M.\*** (2013). Design standard for inclusion: Tactile ground surface indicators in China. *Facilities*, 31(7/8), 314-327.
- **Siu, K. W. M.\***, & Wong, M. M. Y. (2013). Promotion of a healthy public living environment: Participatory design of public toilets with visually impaired persons. *Public Health*, 127(7), 629-636.
- Ng, A. W. Y., **Siu, K. W. M.\***, & Chan, C. C. H. (2013). Perspectives toward the stereotype production method for public symbol design: A case study of novice designers, *Applied Ergonomics*, 44(1), 65-72.

- **Siu, K. W. M.\***, & Zhao, T. J. (2013). City spaces and human relations in Hong Kong's mass transit railway: From circulation to everyday life. *Journal of Human Behavior in the Social Environment*, 23(5), 675-688.
- Ng, A. W. Y., **Siu, K. W. M.\***, & Chan, C. C. H. (2012). The effects of user factors and symbol referents on public symbol design using the stereotype production method. *Applied Ergonomics*, 43(1), 230-238.
- **Siu, K. W. M.\***, & Hu, K. G. C. (2011). i-Give: Smart public design for promoting charity for new Asia life. *Asia Design Journal*, 6 (Special Issue: Smart Asia), 162-181.
- **Siu, K. W. M.\***, Ng, A. W. Y., & Chan, C. C. H. (2011). The imagery vividness and preferences of older people: Implications for visualisation in concept design. *The Design Journal*, 14(4), 413-426.
- Ho, A. G.\* & **Siu, K. W. M.\*** (2011). Emotionalise design, emotional design, emotion design: A review on their relationships from a new perspective. *The Design Journal*, 15(1), 9-32.
- **Siu, K. W. M.\*** (2010). The public sphere in the cultural creative space: Case study of public sphere, design support and daily practice in Central district of Hong Kong. *Zhuangshi*, 206, 22-27.
- **Siu, K. W. M.\*** (2008). Better design quality of public toilets for visually impaired persons: An all-round concept in design for the promotion of health. *The Journal of the Royal Society for the Promotion of Health*, 128(6), 313-319.
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- **Siu, K. W. M.\*** (Ed.) (2007). *Urban renewal and design: City, street, street furniture*. Hong Kong: SD Press, The Hong Kong Polytechnic University. (Permanent research collection of the Harvard College Library, Rotch Library of the MIT, The British Library, and The Library of Congress of the United States.)
- **Siu, K. W. M.\*** (2007). Guerrilla wars in everyday public spaces: Reflections and inspirations for designers. *International Journal of Design*, 1(1), 37-56.
- **Siu, K. W. M.\*** (2005). Pleasurable products: Public space furniture with user fitness. *Journal of Engineering Design*, 16(6), 545-555.
- **Siu, K. W. M.\*** (2005). Culture and design: A new burial concept in a densely populated metropolitan area. *Design Issues*, 21(2), 79-89.
- **Siu, K. W. M.\*** (2003). Continuous settlement and urban redevelopment on Hong Kong's

Chun Yeung Street. *Critical Planning*, 10, 55-71.

- **Siu, K. W. M.\*** (2003). Users' creative responses and designers' roles. *Design Issues*, 19(2), 64-73.
- **Siu, K. W. M.\*** (1999). The escalator: A conveyor of Hong Kong's culture. *Human Relations*, 52(5), 665-681.

## Representative Publications in Learning and Teaching

- **Siu, K. W. M.\***, & Wong, Y. L. (2016). Fostering creativity from an emotional perspective: Do teachers recognise and handle students' emotions? *International Journal of Technology and Design Education*, 26(1), 105-121.
- **Siu, K. W. M.\***, & Wong, Y. L. (2016). Learning opportunities and outcomes of design research in the digital age. In V. Wang (Ed.), *Handbook of research on learning outcomes and opportunities in the digital age* (Chapter 24, pp. 539-557). Hershey, PA: IGI Global.
- **Siu, K. W. M.\***, & Contreras, G. J. (2016). Disruptive technology and education: Is there any disruption after all? In V. Wang (Ed.), *Handbook of research on learning outcomes and opportunities in the digital age* (Chapter 28, pp. 644-665). Hershey, PA: IGI Global.
- **Siu, K. W. M.\***, & Contreras, G. J. (2015). Personal interaction and informal learning: The case of China. In O. Mejiuni, P. Cranton & O. Taiwo (Ed.), *Measuring and analyzing informal learning in the digital age* (Chapter 10, pp. 140-152). Hershey, PA: IGI Global.
- **Siu, K. W. M.\*** (2012). Formative student feedback: Enhancing the quality learning and teaching. In C. S. Nair, A. Patil & P. Mertova (Eds.), *Enhancing Learning and Teaching through Student Feedback in Engineering* (pp. 43-59). Cambridge: Chandos Publishing.
- Wong, Y. L., & **Siu, K. W. M.\*** (2012). A model of creative design process for fostering creativity of students in design education. *International Journal of Technology and Design Education*, 22(4), 437-450.
- Wong, Y. L., & **Siu, K. W. M.\*** (2012). Is there creativity in design? From a perspective of school design and technology in Hong Kong. *Asia Pacific Education Review*, 13(3), 465-474.
- **Siu, K. W. M.\*** (2011). Work-integrated learning in postgraduate design research: Regional collaboration between the Chinese Mainland and Hong Kong. In P. Keleher, A. Patil & R. E. Harrevel (Eds.), *Work-Integrated Learning in Engineering, Built Environment and Technology: Diversity of Practice in Practice* (pp. 164-183). Hershey, PA: IGI Global.

- Feng, W. W., **Siu, K. W. M.\***, & Gu, J. J. (2011). Exploring the position of technology education in China. In M. J. de Vries (Ed.), *Positioning Technology Education in the Curriculum* (pp. 227-242). Rotterdam: Sense Publishers.
- **Siu, K. W. M.\*** (Ed.) (2009). *New era of product design: Theory and practice* (Chinese Ed.). Beijing: Beijing Institute of Technology Press.
- **Siu, K. W. M.\*** (2009). Problem solving: A user-oriented approach in public affairs. *The International Journal of Creativity & Problem Solving*, 19(1), 59-68.
- **Siu, K. W. M.\*** (2009). Quality assurance in engineering education: An all-round perspective. In A. S. Patil & P. J. Gray (Eds.), *Engineering Education Quality Assurance: A Global Perspective* (pp. 181-189). New York: Springer.
- **Siu, K. W. M.\*** (2009). Review on the development of design education in Hong Kong: The need to nurture the problem finding capability of design students. *Educational Research Journal*, 23(2), 179-202.
- **Siu, K. W. M.\*** (2003). Nurturing all-round engineering and product designers. *International Journal of Technology and Design Education*, 13(3), 243-254. (ERA 2010 A journal; published by Springer)
- **Siu, K. W. M.\*** (2003). Cultural studies in the engineering curriculum. *The International Journal of Engineering Education*, 19(6), 855-861.
- **Siu, K. W. M.\*** (1999). Improving design & technology teacher education in Hong Kong. *Journal of Art and Design Education*, 18(3), 345-350.