To date, Dr. Xian Liu and his research collaborators have had more than 150 papers published or officially accepted, of which more than 70 papers are journal papers.

**Selected Journal Papers (after 2005):**

- X. Liu, “Performance analysis of a MISO optical satellite communication system with correlated pointing errors”, *IET Communications*, vol. 6, no. 15, pp. 2503-2511, 2012.
- X. Liu, “Optimisation of satellite optical transmission with correlated sways”, *IET Communications*, vol. 5, no. 8, pp. 1107-1112, 2011.


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• X. Liu, “Corrections to and comments on ‘Optimization of urban optical wireless communication systems’”, *IEEE Transactions on Wireless Communications*, vol. 8, no. 6, pp. 2763-2765, 2009.


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• X. Liu, “A unified model of satellite optical transmission with correlated and heterogeneous pointing errors”, *Proc. of IEEE ICC* 2012.
• X. Liu, “Performance of the wireless optical communication system with variable wavelength and Bessel pointing loss factor”, \textit{Proc. of IEEE WCNC} 2008.
• X. Liu, “A new approach for solving the multimodal economic load dispatch problem”, \textit{Proc. of IEEE PES 2007 General Meeting}.