

Dong LIANG

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Prof. Dong Liang received the B.S. degree in Telecommunication Engineering and the M.S. degree in Circuits and Systems from Lanzhou University, China, in 2008 and 2011, respectively. In 2015, he received Ph.D. at the research direction of System Information Science, the Graduate School of Information Science and Technology, Hokkaido University, Japan.

He is currently an associate professor with the College of Computer Science and Technology, Nanjing University of Aeronautics and Astronautics. His research interests include model communication in pattern recognition and intelligent systems, optomechatronic and imaging systems.

He was awarded the Best Student Paper Award from International Symposium on Optomechatronic Technology (ISOT) in 2013. He was awarded the Excellence Research Award from Hokkaido University in 2013. He has published several research papers including in Pattern Recognition, IEEE TIP/TNNLS/TGRS/TCSVT, and AAAI.

He is an Organizing Committee member of the 2021 China Symposium on Machine Learning and Applications (MLA'21). He is a Program Committee member of the China Conference of Biometrics 2015-2022 (CCBR'15-22). He serves as a guest editor of MDPI Sensors.

He has served as a reviewer for numerous international academic journals and conferences such as IEEE TIP/TNNLS/TGRS/TCSVT/TITS/JSTARS, and AAAI/IJCAI/ICML/ICPR/ICIP/ICASSP.

Research Publications

Journal Articles




- 1 Kang, B., Liang, D., Mei, J., Tan, X., Zhou, Q., & Zhang, D. (2022). Robust rgb-t tracking via graph attention-based bilinear pooling. *IEEE Transactions on Neural Networks and Learning Systems*, 1–12. [🌐 doi:10.1109/TNNLS.2022.3161969](https://doi.org/10.1109/TNNLS.2022.3161969)
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- 9 Liang, D., Kang, B., Liu, X., Gao, P., Tan, X., & Kaneko, S. (2021). Cross-scene foreground segmentation with supervised and unsupervised model communication. *Pattern Recognition*, 117, 107995. [doi:10.1016/j.patcog.2021.107995](https://doi.org/10.1016/j.patcog.2021.107995)
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- 11 Kang, B., Liang, D., Ding, W., Zhou, H., & Zhu, W.-P. (2020). Grayscale-thermal tracking via inverse sparse representation-based collaborative encoding. *IEEE Transactions on Image Processing*, 29, 3401–3415. [doi:10.1109/TIP.2019.2959912](https://doi.org/10.1109/TIP.2019.2959912)
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Conference Proceedings

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