



# CERTIFICATE

## 2022 THE 3RD INFORMATION COMMUNICATION TECHNOLOGIES CONFERENCE (ICTC 2022)

This certificate is presented to

**Jun Yang, Xidian University, China,**

Title: Sparse signal detection and fingerprint feature recognition based  
on fast 2D DFRFT(T42)

who has delivered oral presentation on 2022 3rd Information Communication  
Technologies Conference(ICTC 2022) held virtually during May 6-8, 2022.

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