Brief CV

English Name	Bo Yuan	中文姓名	袁博	
Gender	male	**Title**	Dr.	
Position	Lecturer	**Country**	China	
University/Department	Nanyang Institute of Technology/College of Computer and information Engineering			
Research Area	Internet of things application, remote sensing data processing			

Brief introduction of your research experience:

Education:

2015, Ph.D. in Signal and Information Processing, University of Chinese Academy of Sciences, P.R.China

2006, MScE. in Instrument Science and Technology, Harbin Institute of Technology, P.R.China

2004, B.Eng. in Measurement and Control Technology and Instrument, Harbin Institute of Technology, P.R.China

Work Experiences:

2016-now, Lecturer of College of Computer and information Engineering, Nanyang Institute of Technology

2006-2016, Assistant Researcher of Academy of Opto-Electronics, Chinese Academy of Sciences.

Hosted and participated projects:

Hosted or participated in 13 scientific research and engineering projects, with a total project cost of 27 million 870 thousand yuan，which include:

1、CAS pre research project "hyperspectral pixel blind processing method research" (Host)

2、National 863 Plan "Research on the generation and visualization of multi star and multi load disaster emergency observation scheme" (Main participant)

3、The Ministry of Civil Affairs commissioned project "environmental and disaster monitoring and forecasting small satellite constellation operation management system software"(Main participant)

4、Innovation project of the Academy of Sciences "Research on key technology of space-time intelligence analysis"(Main participant)

5、The National Natural Science Foundation Project "high spectral thermal infrared number for low emission objects." (Main participant)

Recent publications:

1、Bo Yuan. Application of Markov random field spatial correlation model in linear unmixing of nonnegative matrix factorization[J]. Journal of Computer Applications.2017,37(12):3563-3568.

2、Yuan B. 2018. NMF hyperspectral unmixing algorithm combined with spatial and spectral correlation analysis. Journal of Remote Sensing, 22(2): 265–276 [DOI:10.11834/jrs.20186445]

3、Bo Y, Ning W, Chuanrong L. A Band Selection Method based on Synthesized Information Content for Hyper-spectral Pixel Un-mixing[C]// 2014 IOP Conf. Ser.: Earth Environ. Sci. 17 012204

4、Bo Y, Chuanrong L, Ning W. Hyperspectral unmixing based on MRF model and nonnegative matrix factorization, The 2nd Symposium of hyperspectral imaging technology and its Application. 2014

*****All the columns need to be filled in.**