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BIO

Yu Zhang received the Ph.D. degree in Control Science and Engineering from East China University of Science and Technology, Shanghai, China. He worked as a Research Associate for two years in the Laboratory for Advanced Brain Signal Processing at RIKEN Brain Science Institute, Japan, where he has focused on developing advanced pattern recognition algorithm for EEG analysis with applications in brain-computer interfaces. He worked as a Postdoctoral Fellows for one year at University of North Carolina at Chapel Hill, where he has mainly studied in functional brain network analysis with fMRI for brain disease diagnosis. He is working in the Etkin Lab at Stanford University as a Postdoctoral Fellows and has focused on machine learning-based sophisticated analysis of EEG and fMRI connectivity with TMS for various medical applications, including subtype identification, treatment outcome prediction, and so on. His research interests include computational neuroscience, brain network, medical imaging computing, machine learning, artificial intelligence, and signal processing.

PROFESSIONAL EDUCATION

- Postdoctoral Research Fellow, Universith of North Carolina at Chapel Hill , Neuroimaging Analysis (2016)
- Ph.D., ECUST , Machine Learning and Brain Signal Processing (2013)
- Research Associate, RIKEN Brain Science Institute, Japan , Brain Signal Processing (2012)

STANFORD ADVISORS

- Joachim Hallmayer, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Temporally Constrained Sparse Group Spatial Patterns for Motor Imagery BCI** *IEEE TRANSACTIONS ON CYBERNETICS*
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- **Exploiting Convolutional Neural Networks With Deeply Local Description for Remote Sensing Image Classification** *IEEE ACCESS*
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