Publications:

Why Do We Fall into Sync with Others? Interpersonal Synchronization and the Brain's Optimization Principle
Publication: Research - peer-review › Journal article – Annual report year: 2017

Oxytocin improves synchronisation in leader-follower interaction
Publication: Research - peer-review › Journal article – Annual report year: 2016

Prediction and adaptation mechanisms facilitating interpersonal coordination
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2017

Syncopation affects free body-movement in musical groove
Publication: Research - peer-review › Journal article – Annual report year: 2016

Synchronised and complementary coordination mechanisms in an asymmetric joint aiming task
Publication: Research - peer-review › Journal article – Annual report year: 2014

Analyzing Social Interactions: Promises and Challenges of Cross Recurrence Quantification Analysis
Publication: Research - peer-review › Book chapter – Annual report year: 2014

Frontal alpha oscillations distinguish leaders from followers: Multivariate decoding of mutually interacting brains
Publication: Research - peer-review › Journal article – Annual report year: 2014

Multivariate decoding of mutually interacting brains reveals complementary neural mechanisms in leaders and followers
Publication: Research › Conference abstract for conference – Annual report year: 2014

The Fire-Walker's High: Affect and Physiological Responses in an Extreme Collective Ritual
Publication: Research - peer-review › Journal article – Annual report year: 2014

Autobiographical Memory in a Fire-Walking Ritual
Publication: Research - peer-review › Journal article – Annual report year: 2014

Believing versus interacting: Behavioural and neural mechanisms underlying interpersonal coordination
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Complementary coordination strategies in a joint Fitts' reciprocal aiming task
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014
Images from a jointly-arousing collective ritual reveal affective polarization
Publication: Research - peer-review › Journal article – Annual report year: 2014

Dual-EEG of joint finger tapping: what can two interacting brains teach us about social interaction?
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2012

Dual EEG of social interaction: a machine learning approach to the two-brain problem
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2012

The two-brain approach: how can mutually interacting brains teach us something about social interaction?
Publication: Research - peer-review › Journal article – Annual report year: 2012

Neural oscillations of interpersonal coordination: an MEG study of interactive tapping
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2011

Quantifying collective effervescence: Heart-rate dynamics at a fire-walking ritual
Publication: Research - peer-review › Journal article – Annual report year: 2011

Synchronized arousal between performers and related spectators in a fire-walking ritual
Publication: Research - peer-review › Journal article – Annual report year: 2011

Follow you, follow me: Continuous mutual prediction and adaptation in joint tapping
Publication: Research - peer-review › Journal article – Annual report year: 2010

A Coupled Oscillator Model of Interactive Tapping
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Synchronization in joint action: from tapping to fire-walking
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2009

Synchronized tapping as a model of minimal social interaction
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2009