



Jessica Ross

Postdoctoral Scholar, Psychiatry

Bio

STANFORD ADVISORS

- Corey Keller, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **A systematic review and meta-analysis of the efficacy of intermittent theta burst stimulation (iTBS) on cognitive enhancement.** *Neuroscience and biobehavioral reviews*
Pabst, A., Proksch, S., Médé, B., Comstock, D. C., Ross, J. M., Balasubramaniam, R.
2022: 104587
- **A structured ICA-based process for removing auditory evoked potentials.** *Scientific reports*
Ross, J. M., Ozdemir, R. A., Lian, S. J., Fried, P. J., Schmitt, E. M., Inouye, S. K., Pascual-Leone, A., Shafi, M. M.
2022; 12 (1): 1391
- **Cortical Mu Rhythms During Action and Passive Music Listening.** *Journal of neurophysiology*
Ross, J. M., Comstock, D. C., Iversen, J. R., Makeig, S., Balasubramaniam, R.
1800
- **Modality-specific frequency band activity during neural entrainment to auditory and visual rhythms** *EUROPEAN JOURNAL OF NEUROSCIENCE*
Comstock, D. C., Ross, J. M., Balasubramaniam, R.
2021; 54 (2): 4649-4669
- **Time course of cognitive training in Parkinson disease** *NEUROREHABILITATION*
Nguyen, H. M., Aravindakshan, A., Ross, J. M., Disbrow, E. A.
2020; 46 (3): 311-320
- **The Role of Posterior Parietal Cortex in Beat-based Timing Perception: A Continuous Theta Burst Stimulation Study** *JOURNAL OF COGNITIVE NEUROSCIENCE*
Ross, J. M., Iversen, J. R., Balasubramaniam, R.
2018; 30 (5): 634-643
- **Motor simulation theories of musical beat perception** *NEUROCASE*
Ross, J. M., Iversen, J. R., Balasubramaniam, R.
2016; 22 (6): 558-565
- **A pilot study to evaluate multi-dimensional effects of dance for people with Parkinson's disease** *CONTEMPORARY CLINICAL TRIALS*
Ventura, M. I., Barnes, D. E., Ross, J. M., Lanni, K. E., Sigvardt, K. A., Disbrow, E. A.
2016; 51: 50-55
- **Auditory white noise reduces age-related fluctuations in balance** *NEUROSCIENCE LETTERS*

Ross, J. M., Will, O. J., McGann, Z., Balasubramaniam, R.

2016; 630: 216-221

● **Influence of Musical Groove on Postural Sway** *JOURNAL OF EXPERIMENTAL PSYCHOLOGY-HUMAN PERCEPTION AND PERFORMANCE*

Ross, J. M., Warlaumont, A. S., Abney, D. H., Rigoli, L. M., Balasubramaniam, R.

2016; 42 (3): 308-319

● **Auditory white noise reduces postural fluctuations even in the absence of vision** *EXPERIMENTAL BRAIN RESEARCH*

Ross, J., Balasubramaniam, R.

2015; 233 (8): 2357-2363

● **Using nonlinear methods to quantify changes in infant limb movements and vocalizations** *FRONTIERS IN PSYCHOLOGY*

Abney, D. H., Warlaumont, A. S., Haussman, A., Ross, J. M., Wallot, S.

2014; 5: 771

● **Physical and neural entrainment to rhythm: human sensorimotor coordination across tasks and effector systems** *FRONTIERS IN HUMAN NEUROSCIENCE*

Ross, J., Balasubramaniam, R.

2014; 8: 576

● **Perceived and performance-based executive dysfunction in Parkinson's disease** *JOURNAL OF CLINICAL AND EXPERIMENTAL NEUROPSYCHOLOGY*

Lanni, K. E., Ross, J. M., Higginson, C. I., Dressler, E. M., Sigvardt, K. A., Zhang, L., Malhado-Chang, N., Disbrow, E. A.

2014; 36 (4): 342-355