

Publications Marija Uscumlic

Aydarkhanov R., Ušćumlić M., Chavarriaga R., Gheorghe L., Millán, J. del R. Closed-loop EEG study on visual recognition during driving. *Journal of Neural Engineering*, 18 (2), 026010, 2021

Aydarkhanov R., Ušćumlić M., Gheorghe L., Chavarriaga R., Millán, J. del R. Spatial covariance improves BCI performance for late ERPs components with high temporal variability. *Journal of Neural Engineering*, 17:036030, 2020

Chavarriaga R., Ušćumlić M., Zhang H., Khaliliardali Z., Aydarkhanov R. et al. Decoding Neural Correlates of Cognitive States to Enhance Driving Experience. *IEEE Transactions on Emerging Topics in Computational Intelligence*. DOI : 10.1109/TETCI.2018.2848289, 2018

Blankertz B, Acqualagna L, Dähne S, Haufe S, Schultze-Kraft M, Sturm I, Ušćumlić M, Wenzel M, Curio G, Müller K, The Berlin Brain-Computer Interface: Progress Beyond Communication and Control. *Front Neuroscience*, 10:530, 2016

Ušćumlić, M. and Blankertz, B., Active visual search in non-stationary scenes: coping with temporal variability and uncertainty. *Journal of Neural Engineering*, 13 (1), 016015, 2015

Ušćumlić, M., Chavarriaga, R., Millán, J. del R. An Iterative Framework for EEG-based Image Search: Robust Retrieval with Weak Classifiers. *Plos One*, 8(8): e72018, 2013