

## Publications – Brain Computer Interface

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- 1) Andreev, A., Barachant, A., Lotte, F., Congedo, M., Andreev, A., Barachant, A., ... Applica-, M. C. R. (2016). Recreational Applications of OpenViBE : Brain Invaders and Use-the-Force.
- 2) Congedo, M., Korczowski, L., Delorme, A., & Lopes da silva, F. (2016). Spatio-temporal common pattern: A companion method for ERP analysis in the time domain. *Journal of Neuroscience Methods*, 267(0), 74–88. <https://doi.org/10.1016/j.jneumeth.2016.04.008>
- 3) Darvishi, S., Abbott, D., & Baumert, M. (2015). Prediction of motor imagery based brain computer interface performance using a reaction time test. *2015 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)*, (November), 2880–2883. <https://doi.org/10.1109/EMBC.2015.7318993>
- 4) Darvishi, S., Gharabaghi, A., Boulay, C. B., Ridding, M. C., Abbott, D., & Baumert, M. (2017). Proprioceptive Feedback Facilitates Motor Imagery-Related Operant Learning of Sensorimotor  $\beta$ -Band Modulation. *Frontiers in Neuroscience*, 11(February), 1–13. <https://doi.org/10.3389/fnins.2017.00060>
- 5) Darvishi, S., Ridding, M. C., Abbott, D., & Baumert, M. (2015). Does feedback modality affect performance of brain computer interfaces? *International IEEE/EMBS Conference on Neural Engineering, NER, 2015–July*, 232–235. <https://doi.org/10.1109/NER.2015.7146602>
- 6) Mayaud, L., Filipe, S., Pétégnief, L., Rochecouste, O., & Congedo, M. (2013). Robust brain-computer interface for virtual Keyboard (RoBIK): Project results. *Irbm*, 34(2), 131–138. <https://doi.org/10.1016/j.irbm.2013.01.013>
- 7) Melinscak, F., Montesano, L., & Minguez, J. (2016). Asynchronous detection of kinesthetic attention during mobilization of lower limbs using EEG measurements. *Journal of Neural Engineering*, 13(1), 16018. <https://doi.org/10.1088/1741-2560/13/1/016018>
- 8) Pinegger, A., Wriessnegger, S. C., Faller, J., & Müller-Putz, G. R. (2016). Evaluation of Different EEG Acquisition Systems Concerning Their Suitability for Building a Brain–Computer Interface: Case Studies. *Frontiers in Neuroscience*, 10(September), 1–11. <https://doi.org/10.3389/fnins.2016.00441>
- 9) Pinegger, A., Wriessnegger, S. C., & Müller-Putz, G. R. (2015). Sheet music by mind: Towards a brain-computer interface for composing. *Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS, 2015–Novem*(August), 1053–1056. <https://doi.org/10.1109/EMBC.2015.7318546>
- 10) Powers, J. C., Bieliaieva, K., Wu, S., & Nam, C. S. (2015). The Human Factors and Ergonomics of P300-Based Brain-Computer Interfaces. *Brain Sciences*, 5(3), 318–56. <https://doi.org/10.3390/brainsci5030318>
- 11) Umcu, G. K., Real, R., Blefari, M. L., Brunner, C., Blankertz, B., Höhne, J., ... Ramsey, N. (2015). BNCI Horizon 2020, 1–24.