

List of publications:

Kobler, Reinmar J., [Andreea I. Sburlea](#), and Gernot R. Müller-Putz. "Tuning characteristics of low-frequency EEG to positions and velocities in visuomotor and oculomotor tracking tasks." *Scientific reports* 8.1 (2018): 17713.

[Sburlea, Andreea I.](#), and Gernot R. Müller-Putz. "Exploring representations of human grasping in neural, muscle and kinematic signals." *Scientific reports* 8.1 (2018): 16669.

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Lopes Dias, Catarina, [Andreea I. Sburlea](#), and Gernot R. Müller-Putz. "Masked and unmasked error-related potentials during continuous control and feedback." *Journal of neural engineering* 15.3 (2018): 036031.

Müller-Putz, G. R., Pereira, J., Ofner, P., Schwarz, A., Dias, C. L., Kobler, R. J., ... & [Sburlea, A. I.](#) (2018, January). Towards non-invasive brain-computer interface for hand/arm control in users with spinal cord injury. In *2018 6th International Conference on Brain-Computer Interface (BCI)* (pp. 1-4). IEEE.

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Kobler, R. J., [Andreea Ioana Sburlea](#), and G. R. Müller-Putz. "A comparison of ocular artifact removal methods for block design based electroencephalography experiments." *Proceedings of the 7th Graz Brain-Computer Interface Conference*. 2017.

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Dias, M. C. L., [Sburlea, A. I.](#), & Müller-Putz, G. (2017). Error-related potentials with masked and unmasked onset during continuous control and feedback. In *7th Graz Brain-Computer Interface Conference 2017*.

[Sburlea, A. I.](#) (2016). *EEG-based brain-computer interfaces for detection of gait intention in healthy and stroke subjects* (Doctoral dissertation, Universidad de Zaragoza).

[Sburlea, A. I.](#), Montesano, L., de la Cuerda, R. C., Diego, I. M. A., Miangolarra-Page, J. C., & Minguez, J. (2015). Detecting intention to walk in stroke patients from pre-movement EEG correlates. *Journal of neuroengineering and rehabilitation*, *12*(1), 113.

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