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Publications in peer-reviewed journals

1. Zijlmans, M., Worrell, G. A., Dümpelmann, M., Stieglitz, T., Barborica, A., Heers, M., Ikeda, A., Usui, N. and Le Van Quyen, M. (2017), *How to record high-frequency oscillations in epilepsy: A practical guideline*. Epilepsia 2017 Aug; **58**:1305–1315. doi:10.1111/epi.13814
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3. Maliia MD, Donos C, Barborica A, Mindruta I, Popa I, Ene M, Beniczky S (2016). *High frequency spectral changes induced by single-pulse electric stimulation: comparison between physiologic and pathologic networks*. Clin Neurophysiol 2017 Jun; **128**(6):1053-1060. doi:10.1016/j.clinph.2016.12.016.
4. Donos C, Mîndruță I, Măliia MD, Mîndruță I, Rașină A, Ciurea J, Barborica A. *Co-occurrence of high-frequency oscillations and delayed responses evoked by intracranial electrical stimulation in SEEG studies*, Accepted in Clin Neurophysiol 2017 Jun **128**(6):1043-1052. doi:10.1016/j.clinph.2016.11.028
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Books / Chapters

Andrei Barborica, *Principles and Systems for Physiological Measurements*, Bucharest University Press, Bucharest, 2000, ISBN 973-575-426-6 (in Romanian). Original title in Romanian: *Principii și sisteme de masurare a marimilor fiziologice*, Editura Universității din București, București, 2000.

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Patents

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Barborica A; Constantin C; Ribco L. Biostimulation skin electrothermal sensor matrix type transducer|consists of manganese and cobalt heat resistant oxide sheets with thin layer NiCr contactors on silica insulation. Patent Number: RO104300-A

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2. Barborica, A. New developments in recording and analyzing HFOs: Depth electrodes, 2nd international workshop on High Frequency Oscillations in Epilepsy, March 10-12 2016, Freiburg, Germany (invited).
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