Accepted Manuscript

Improved proprioceptive function by application of subsensory electrical noise: effects of aging and task-demand

Diana R. Toledo, José A. Barela, André F. Kohn

PII: S0306-4522(17)30450-5

DOI: http://dx.doi.org/10.1016/j.neuroscience.2017.06.045

Reference: NSC 17857

To appear in: Neuroscience

Received Date: 15 March 2017 Accepted Date: 23 June 2017



Please cite this article as: D.R. Toledo, J.A. Barela, A.F. Kohn, Improved proprioceptive function by application of subsensory electrical noise: effects of aging and task-demand, *Neuroscience* (2017), doi: http://dx.doi.org/10.1016/j.neuroscience.2017.06.045

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Improved proprioceptive function by application of subsensory electrical noise: effects of aging and task-demand

Diana R. Toledo^{1#}; José A. Barela^{2,3} André F. Kohn¹

¹Neuroscience Program and Biomedical Engineering Laboratory, University of São Paulo, EP-USP, PTC, São Paulo, Brazil

²Institute of Physical Activity and Sport Sciences and Graduate Program in Human Movement Sciences, Cruzeiro do Sul University, São Paulo, Brazil

³Institute of Bioscience, São Paulo State University, Rio Claro, Brazil

*** Corresponding Author**

Diana R Toledo

Biomedical Engineering Laboratory, University of São Paulo EP-USP, PTC Avenida Professor Luciano Gualberto, Travessa 3, n. 158,

São Paulo, SP 05508-900, Brazil

Tel: +55 11 3091-9792

E-mail: dianatoledo12@hotmail.com

Conflict of Interest: The authors declare that there are no conflicts of interest.

Keywords: Aging, proprioception, electrical noise, stochastic resonance, posture.

Download English Version:

https://daneshyari.com/en/article/5737627

Download Persian Version:

https://daneshyari.com/article/5737627

<u>Daneshyari.com</u>