

Author's Accepted Manuscript

A meta-analytic study of exogenous oscillatory electric potentials in neuroenhancement

Dennis J.L.G. Schutter, Miles Wischnewski



PII: S0028-3932(16)30119-1

DOI: <http://dx.doi.org/10.1016/j.neuropsychologia.2016.04.011>

Reference: NSY5958

To appear in: *Neuropsychologia*

Received date: 14 October 2015

Revised date: 19 February 2016

Accepted date: 12 April 2016

Cite this article as: Dennis J.L.G. Schutter and Miles Wischnewski, A meta-analytic study of exogenous oscillatory electric potentials in neuroenhancement *Neuropsychologia*, <http://dx.doi.org/10.1016/j.neuropsychologia.2016.04.011>

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 galley proof before it is published in its final citable 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

A meta-analytic study of exogenous oscillatory electric potentials in
neuroenhancement

Dennis J.L.G. Schutter and Miles Wischniewski

Radboud University Nijmegen, Donders Institute for Brain, Cognition and Behaviour, Nijmegen, The
Netherlands

Running title: Electric currents and neuroenhancement

Correspondence to:

Dennis J.L.G. Schutter *PhD*

Radboud Universiteit Nijmegen

Donders Institute for Brain, Cognition and Behaviour

Montessorilaan 3

6525 HR Nijmegen

The Netherlands

Phone: +31 (0)24 36 11027

Email: d.schutter@donders.ru.nl

Abstract

The assumption that transcranial alternating current stimulation (tACS) enhances perceptual and cognitive ability in healthy volunteers by exposing the brain to exogenous oscillatory electric fields is increasingly finding its way into society and commercial parties. The aim of the present study is to quantify the effects of exogenous oscillatory electric field potentials on

Download English Version:

<https://daneshyari.com/en/article/7318975>

Download Persian Version:

<https://daneshyari.com/article/7318975>

[Daneshyari.com](https://daneshyari.com)