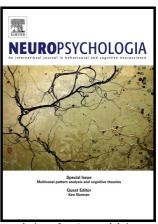
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A meta-analytic study of exogenous oscillatory electric potentials in neuroenhancement

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A meta-analytic study of exogenous oscillatory electric potentials in

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Muschia Running title: Electric currents and neuroenhancement

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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

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