

## John Coetzee

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### Bio

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#### LINKS

- Brain Stimulation Lab: <http://med.stanford.edu/bsl.html>
- Palo Alto VA: <https://www.paloalto.va.gov/>

### Publications

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#### PUBLICATIONS

- **Low-intensity focused ultrasound (LIFU) for the treatment of post-traumatic headache (PTH) in veterans: a feasibility study.** *Brain stimulation*  
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2024
- **Magnesium-ibogaine therapy in veterans with traumatic brain injuries.** *Nature medicine*  
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- **Transcranial Magnetic Stimulation-Induced Heart-Brain Coupling: Implications for Site Selection and Frontal Thresholding-Preliminary Findings.** *Biological psychiatry global open science*  
Dijkstra, E., van Dijk, H., Vila-Rodriguez, F., Zwienerberg, L., Rouwhorst, R., Coetzee, J. P., Blumberger, D. M., Downar, J., Williams, N., Sack, A. T., Arns, M.  
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- **Predictors of brain age gap among patients with traumatic brain injuries and healthy controls**  
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- **Dissociating Language and Thought in Human Reasoning.** *Brain sciences*  
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- **Electrophysiological and behavioral effects of unilateral and bilateral rTMS; A randomized clinical trial on rumination and depression.** *Journal of affective disorders*  
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- **Ultrasonic Deep Brain Neuromodulation in Acute Disorders of Consciousness: A Proof-of-Concept.** *Brain sciences*  
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- **Prediction of Brain Age for Healthy Individuals and Patients with Traumatic Brain Injuries**  
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- **Stanford Neuromodulation Therapy (SNT): A Double-Blind Randomized Controlled Trial.** *The American journal of psychiatry*  
Cole, E. J., Phillips, A. L., Bentzley, B. S., Stimpson, K. H., Nejad, R., Barmak, F., Veerapal, C., Khan, N., Cherian, K., Felber, E., Brown, R., Choi, E., King, et al  
2021: appiajp202120101429
- **Ultrasonic Thalamic Stimulation in Chronic Disorders of Consciousness.** *Brain stimulation*  
Cain, J. A., Spivak, N. M., Coetzee, J. P., Crone, J. S., Johnson, M. A., Lutkenhoff, E. S., N P, C. R., Buitrago-Blanco, M., Vespa, P. M., Schnakers, C., Monti, M. M.  
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- **International Prevalence and Correlates of Psychological Stress during the Global COVID-19 Pandemic.** *International journal of environmental research and public health*  
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- **At the core of reasoning: Dissociating deductive and non-deductive load** *HUMAN BRAIN MAPPING*  
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- **Leukocyte telomere length predicts SSRI response in major depressive disorder: A preliminary report.** *Molecular neuropsychiatry*  
Hough, C. M., Bersani, F. S., Mellon, S. H., Epel, E. S., Reus, V. I., Lindqvist, D. n., Lin, J. n., Mahan, L. n., Rosser, R. n., Burke, H. n., Coetzee, J. n., Nelson, J. C., Blackburn, et al  
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