

Kuo, H. T., Yeh, N. C., Yang, Y. R., Hsu, W. C., Liao, Y. Y., & Wang, R. Y. (2022). Effects of different dual task training on dual task walking and responding brain activation in older adults with mild cognitive impairment. *Scientific reports*, 12(1), 1-11. <https://www.nature.com/articles/s41598-022-11489-x>

de Tommaso, M., La Rocca, M., Quitadamo, S. G., Ricci, K., Tancredi, G., Clemente, L., ... & Delussi, M. (2022). Central effects of galcanezumab in migraine: a pilot study on Steady State Visual Evoked Potentials and occipital hemodynamic response in migraine patients. *The Journal of Headache and Pain*, 23(1), 1-14. <https://pubmed.ncbi.nlm.nih.gov/35484504/>

Walia, Pushpinder, et al. "Portable Neuroimaging-Guided Noninvasive Brain Stimulation of the Cortico-Cerebello-Thalamo-Cortical Loop—Hypothesis and Theory in Cannabis Use Disorder." *Brain Sciences* 12.4 (2022): 445. <https://pubmed.ncbi.nlm.nih.gov/35447977/>

Jezierska, K., Sękowska-Namiotko, A., Pala, B., Lietz-Kijak, D., Gronwald, H., & Podraza, W. (2022). Searching for the Mechanism of Action of Extremely Low Frequency Electromagnetic Field—The Pilot fNIRS Research. *International Journal of Environmental Research and Public Health*, 19(7), 4012. <https://pubmed.ncbi.nlm.nih.gov/35409695/>

Ćurčić-Blake, B., Kos, C., & Aleman, A. (2022). Causal connectivity from right DLPFC to IPL in schizophrenia patients: a pilot study. *Schizophrenia*, 8(1), 1-9. <https://pubmed.ncbi.nlm.nih.gov/35256618/>

Mao, D., Wunderlich, J., Savkovic, B., Jeffreys, E., Nicholls, N., Lee, O. W., ... & McKay, C. M. (2021). Speech token detection and discrimination in individual infants using functional near-infrared spectroscopy. *Scientific Reports*, 11(1), 1-14. <https://pubmed.ncbi.nlm.nih.gov/34907273/>

Kumar, V., Nichenmetla, S., Chhabra, H., Sreeraj, V. S., Rao, N. P., Kesavan, M., ... & Gangadhar, B. N. (2021). Prefrontal cortex activation during working memory task in schizophrenia: A fNIRS study. *Asian Journal of Psychiatry*, 56, 102507. <https://pubmed.ncbi.nlm.nih.gov/33388563/>

Segar, R., Chhabra, H., Sreeraj, V. S., Parlikar, R., Kumar, V., Ganesan, V., & Kesavan, M. (2021). fNIRS study of prefrontal activation during emotion recognition—A Potential endophenotype for bipolar I disorder?. *Journal of Affective Disorders*, 282, 869-875. <https://pubmed.ncbi.nlm.nih.gov/33601730/>

Sato, J. R., Junior, C. E. B., de Araújo, E. L. M., de Souza Rodrigues, J., & Andrade, S. M. (2021). A guide for the use of fNIRS in microcephaly associated to congenital Zika virus infection. *Scientific Reports*, 11(1), 1-13. <https://pubmed.ncbi.nlm.nih.gov/34588470/>

Caumo, W., Franco, Á. O., Fernandes, C., Vicunha, P., Bandeira, J., Aratanha, M. A., ... & Fregni, F. (2021). Hyper-connectivity between the left motor cortex and prefrontal cortex is associated with the severity of dysfunction of the descending pain modulatory system in fibromyalgia. *bioRxiv*. <https://europepmc.org/article/ppr/ppr282397>

Shoushtarian M, Alizadehsani R, Khosravi A, Acevedo N, McKay CM, et al. (2020) Objective measurement of tinnitus using functional near-infrared spectroscopy and machine learning. *PLOS ONE* 15(11): e0241695. <https://pubmed.ncbi.nlm.nih.gov/33206675/>

Gilman, J. M., Yücel, M. A., Pachas, G. N., Potter, K., Levar, N., Broos, H., ... & Evins, A. E. (2019). "Delta-9-tetrahydrocannabinol intoxication is associated with increased prefrontal activation as assessed with functional near-infrared spectroscopy: A report of a potential biomarker of intoxication". *NeuroImage*, 197, 575-585. <https://pubmed.ncbi.nlm.nih.gov/31075393/>

Sagiv, S. K., Bruno, J. L., Baker, J. M., Palzes, V., Kogut, K., Rauch, S., ... & Eskenazi, B. (2019). "Prenatal exposure to organophosphate pesticides and functional neuroimaging in adolescents living in proximity to pesticide application." *Proceedings of the National Academy of Sciences*, 116(37), 18347-18356. <https://pubmed.ncbi.nlm.nih.gov/31451641/>

Bigelow, H. B. (2020). Understanding the Effects of Physical Activity on Executive Functioning and Psycho-Emotional Well-Being in Children with ADHD. <https://ir.lib.uwo.ca/etd/7073/>

Grazioli, S., Crippa, A., Mauri, M., Piazza, C., Bacchetta, A., Salandi, A., ... & Nobile, M. (2019). "Association between fatty acids profile and cerebral blood flow: An exploratory fNIRS study on children with and without ADHD". *Nutrients*, 11(10), 2414. <https://pubmed.ncbi.nlm.nih.gov/31658664/>

R. Li, T. Nguyen, T. Potter, and Y. Zhang, "Dynamic cortical connectivity alterations associated with Alzheimer's disease: An EEG and fNIRS integration study," *NeuroImage: Clinical*, Dec. 2018. <https://www.sciencedirect.com/science/article/pii/S221315821830370X>

F. Colledge, S. Ludyga, M. Mücke, U. Pühse, and M. Gerber, "The effects of an acute bout of exercise on neural activity in alcohol and cocaine craving: study protocol for a randomised controlled trial," *Trials*, vol. 19, no. 1, p. 713, Dec. 2018. <https://link.springer.com/article/10.1186/s13063-018-3062-0>;

O. Klempíř et al., "P 024 - Near-infrared spectroscopy patterns of cortical activity during gait in Parkinson's disease patients treated with DBS STN," *Gait & Posture*, vol. 65, pp. 273–275, Sep. 2018. <https://www.sciencedirect.com/science/article/pii/S0966636218309676>

J. Eun-Sun et al., "Effect of acupuncture on patients with mild cognitive impairment assessed using functional near-infrared spectroscopy on week 12 (close-out): a pilot study protocol," *Integrative Medicine Research*, vol. 7, no. 3, pp. 287–295, Sep. 2018. <https://www.sciencedirect.com/science/article/pii/S2213422018301240>

A. Lee et al., "Slow oscillations of cerebral hemodynamics changes during low-level light therapy in the elderly with and without mild cognitive impairment: An fNIRS study," *Annals of Physical and Rehabilitation Medicine*, vol. 61, p. e256, Jul. 2018. <https://www.sciencedirect.com/science/article/pii/S1877065718306699>

J.-H. Jang, J. Lee, I. Jung, and H. Yoo, "Efficacy of Yokukansankachimpihange on sleep disturbance in Parkinson's disease," *Medicine (Baltimore)*, vol. 97, no. 26, Jun. 2018. <https://pubmed.ncbi.nlm.nih.gov/29953013/>

C.-T. Li, C.-F. Lu, Y.-T. Wu, S.-H. Lee, R.-W. Chu, and T.-P. Su, "Attenuated Motor Cortical Responsiveness to Motor and Cognitive Tasks in Generalized Anxiety Disorder," vol. 8, no. 3, pp. 843–853, May 2018. <https://www.jneuropsychiatry.org/abstract/attenuated-motor-cortical-responsiveness-to-motor-and-cognitive-tasks-in-generalized-anxiety-disorder-12553.html>

C. S. H. Ho, R. C. M. Ho, and A. M. L. Quek, "Chronic Manganese Toxicity Associated with Voltage-Gated Potassium Channel Complex Antibodies in a Relapsing Neuropsychiatric Disorder," *International Journal of Environmental Research and Public Health*, vol. 15, no. 4, p. 783, Apr. 2018. <https://pubmed.ncbi.nlm.nih.gov/29669989/>

O. Klempíř, R. Krupička, and R. Jech, "MEDIAN METHOD FOR DETERMINING CORTICAL BRAIN ACTIVITY IN A NEAR INFRARED SPECTROSCOPY IMAGE," *Lékař a technika - Clinician and Technology*, vol. 48, no. 1, pp. 11–16, Mar. 2018. <https://ojs.cvut.cz/ojs/index.php/CTJ/article/view/4691>

M. Balconi, C. Siri, N. Meucci, G. Pezzoli, and L. Angioletti, "Personality Traits and Cortical Activity Affect Gambling Behavior in Parkinson's Disease," *Journal of Parkinson's Disease*, vol. 8, no. 2, pp. 341–352, Jan. 2018. <https://pubmed.ncbi.nlm.nih.gov/29614700/>

R. Li, G. Rui, W. Chen, S. Li, P. E. Schulz, and Y. Zhang, "Early Detection of Alzheimer's Disease Using Non-invasive Near-Infrared Spectroscopy," *Front. Aging Neurosci.*, vol. 10, 2018. <https://www.frontiersin.org/articles/10.3389/fnagi.2018.00366/full>

Z. Liang et al., "Design of multichannel functional near-infrared spectroscopy system with application to propofol and sevoflurane anesthesia monitoring," *NPh, NEUROW*, vol. 3, no. 4, p. 045001, Oct. 2016. <https://pubmed.ncbi.nlm.nih.gov/27725946/>

A. M. Kempny et al., "Functional near infrared spectroscopy as a probe of brain function in people with prolonged disorders of consciousness," *NeuroImage: Clinical*, vol. 12, pp. 312–319, Feb. 2016. <https://pubmed.ncbi.nlm.nih.gov/27547728/>

S. E. Kober, G. Bauernfeind, C. Woller, M. Sampl, P. Grieshofer, C. Neuper, and G. Wood, "Hemodynamic Signal Changes Accompanying Execution and Imagery of Swallowing in Patients with Dysphagia: A Multiple Single-Case Near-Infrared Spectroscopy Study," *Front Neurol*, vol. 6, Jul. 2015. <https://pubmed.ncbi.nlm.nih.gov/26217298/>

H. Obrig, "NIRS in clinical neurology - a 'promising' tool?," *Neuroimage*, vol. 85 Pt 1, pp. 535–546, Jan. 2014. <https://pubmed.ncbi.nlm.nih.gov/23558099/>