

PY5619 - Cognitive Rehabilitation and Plasticity

Dr Annie Chan

View Online



-
1.
Kandel, E.R.: Principles of neural science, 5th ed. McGraw-Hill Medical, New York (2013).

 2.
Ramachandran, V.S., Blakeslee, S.: Phantoms in the brain: human nature and the architecture of the mind. Fourth Estate, London (1999).

 3.
Ramachandran, V.S., Blakeslee, S.: Phantoms in the brain: probing the mysteries of the human mind. In: Phantoms in the brain: probing the mysteries of the human mind. pp. 39–62. William Morrow, New York (1998).

 4.
Flor, H., Nikolajsen, L., Staehelin Jensen, T.: Phantom limb pain: a case of maladaptive CNS plasticity? Nature Reviews Neuroscience. 7, 873–881 (2006).
<https://doi.org/10.1038/nrn1991>.

 5.
Daniel D. Dilks: Reorganization of Visual Processing in Macular Degeneration Is Not Specific to the "Preferred Retinal Locus". Journal of Neuroscience. 29, 2768–2773 (2009).

 - 6.

Parton, A., Coulthard, E., Husain, M.: Neuropharmacological modulation of cognitive deficits after brain damage. *Current Opinion in Neurology*. 18, 675–680 (2005). <https://doi.org/10.1097/01.wco.0000189872.54245.13>.

7.

An, K.Y., Monette, M.C.E.: Cognitive profiles of older adults with a prior traumatic brain injury versus healthy controls: A meta-analysis. *Brain Injury*. 32, 832–842 (2018). <https://doi.org/10.1080/02699052.2018.1463104>.

8.

De Luca, R., Calabrò, R.S., Bramanti, P.: Cognitive rehabilitation after severe acquired brain injury: current evidence and future directions. *Neuropsychological Rehabilitation*. 28, 879–898 (2018). <https://doi.org/10.1080/09602011.2016.1211937>.

9.

Morris, T., Terry, P., Gordon, S.: Sport and exercise psychology: international perspectives. In: *Sport and exercise psychology: international perspectives*. pp. 83–93. Fitness Information Technology, Morgantown, W. Va (2007).

10.

Lox, C., Martin Ginis, K.A., Petruzzello, S.J.: The psychology of exercise: integrating theory and practice. Presented at the (2017).

11.

Basso, J.C., Suzuki, W.: The Effects of Acute Exercise on Mood, Cognition, Neurophysiology, and Neurochemical Pathways: A Review. *Brain plasticity*. 2, 127–152 (2017). <https://doi.org/doi:10.3233/BPL-160040>.

12.

DE Linden: Neurofeedback and networks of depression. *Dialogues in clinical neuroscience*. 16, 103–112 (2014).

13.

C Allman: Ipsilesional anodal tDCS enhances the functional benefits of rehabilitation in patients after stroke. *Science translational medicine*. 8, 330re1-330re1 (2016).
<https://doi.org/doi:10.1126/scitranslmed.aad5651>.

14.

Liew, S.-L., Santarnecchi, E., Buch, E.R., Cohen, L.G.: Non-invasive brain stimulation in neurorehabilitation: local and distant effects for motor recovery. *Frontiers in Human Neuroscience*. 8, (2014). <https://doi.org/10.3389/fnhum.2014.00378>.

15.

Mason, L., Peters, E., Kumari, V.: Functional connectivity predictors and mechanisms of cognitive behavioural therapies: A systematic review with recommendations. *Australian & New Zealand Journal of Psychiatry*. 50, 311–321 (2016).
<https://doi.org/10.1177/0004867415624970>.

16.

Ramsay, I.S., MacDonald, A.W.: Brain Correlates of Cognitive Remediation in Schizophrenia: Activation Likelihood Analysis Shows Preliminary Evidence of Neural Target Engagement. *Schizophrenia Bulletin*. 41, 1276–1284 (2015).
<https://doi.org/10.1093/schbul/sbv025>.

17.

Magalhaes, A.A., Oliveira, L., Pereira, M.G., Menezes, C.B.: Does Meditation Alter Brain Responses to Negative Stimuli? A Systematic Review. *Frontiers in Human Neuroscience*. 12, (2018). <https://doi.org/10.3389/fnhum.2018.00448>.

18.

Diedrichsen, J., Kornysheva, K.: Motor skill learning between selection and execution. *Trends in Cognitive Sciences*. 19, 227–233 (2015).
<https://doi.org/10.1016/j.tics.2015.02.003>.

19.

Thomas, C., Baker, C.I.: Teaching an adult brain new tricks: A critical review of evidence for training-dependent structural plasticity in humans. *NeuroImage*. 73, 225–236 (2013). <https://doi.org/10.1016/j.neuroimage.2012.03.069>.

20.

Stojanoski, B., Lyons, K.M., Pearce, A.A.A., Owen, A.M.: Targeted training: Converging evidence against the transferable benefits of online brain training on cognitive function. *Neuropsychologia*. 117, 541–550 (2018). <https://doi.org/10.1016/j.neuropsychologia.2018.07.013>.

21.

Ettinger, U., Kumari, V.: Effects of sleep deprivation on inhibitory biomarkers of schizophrenia: implications for drug development. *The Lancet Psychiatry*. 2, 1028–1035 (2015). [https://doi.org/10.1016/S2215-0366\(15\)00313-2](https://doi.org/10.1016/S2215-0366(15)00313-2).

22.

Tempesta, D., Socci, V., De Gennaro, L., Ferrara, M.: Sleep and emotional processing. *Sleep Medicine Reviews*. 40, 183–195 (2018). <https://doi.org/10.1016/j.smr.2017.12.005>.

23.

Kim Delbaere, Jacqueline C T Close, Henry Brodaty, Perminder Sachdev and Stephen R Lord: Determinants of disparities between perceived and physiological risk of falling among elderly people: cohort study. *BMJ: British Medical Journal*. 341, (2010).

24.

Ellmers, T.J., Paraskevopoulos, I.Th., Williams, A.M., Young, W.R.: Recalibrating disparities in perceived and actual balance abilities in older adults: a mixed-methods evaluation of a novel exergaming intervention. *Journal of NeuroEngineering and Rehabilitation*. 15, (2018). <https://doi.org/10.1186/s12984-018-0369-8>.

25.

Woollacott, M., Shumway-Cook, A.: Attention and the control of posture and gait: a review of an emerging area of research. *Gait & Posture*. 16, 1–14 (2002).

[https://doi.org/10.1016/S0966-6362\(01\)00156-4](https://doi.org/10.1016/S0966-6362(01)00156-4).

26.

Yamada, M., Higuchi, T., Nishiguchi, S., Yoshimura, K., Kajiwara, Y., Aoyama, T.: Multitarget Stepping Program in Combination with a Standardized Multicomponent Exercise Program Can Prevent Falls in Community-Dwelling Older Adults: A Randomized, Controlled Trial. *Journal of the American Geriatrics Society*. 61, 1669–1675 (2013).
<https://doi.org/10.1111/jgs.12453>.