

# PY5619 - Cognitive Rehabilitation and Plasticity

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@article{An\_Monette\_2018, title={Cognitive profiles of older adults with a prior traumatic brain injury versus healthy controls: A meta-analysis}, volume={32}, url={https://contentstore.cla.co.uk/secure/link?id=300a7d02-dc17-e911-80cd-005056af4099}, DOI={10.1080/02699052.2018.1463104}, number={7}, journal={Brain Injury}, author={An, Kelly Y. and Monette, Mich C. E.}, year={2018}, month={Jun}, pages={832-842} }

@article{Basso\_Suzuki\_2017, title={The Effects of Acute Exercise on Mood, Cognition, Neurophysiology, and Neurochemical Pathways: A Review}, volume={2}, url={http://europepmc.org/articles/PMC5928534}, DOI={doi: 10.3233/BPL-160040}, number={2}, journal={Brain plasticity}, publisher={IOS Press}, author={Basso, J. C. and Suzuki, W.}, year={2017}, pages={127-152} }

@article{C Allman\_2016, title={Ipsilesional anodal tDCS enhances the functional benefits of rehabilitation in patients after stroke}, volume={8}, url={https://europepmc.org/articles/PMC5388180/}, DOI={doi: 10.1126/scitranslmed.aad5651}, number={330}, journal={Science translational medicine}, publisher={Europe PMC Funders}, author={C Allman}, year={2016}, pages={330re1-330re1} }

@article{Daniel D. Dilks\_2009, title={Reorganization of Visual Processing in Macular Degeneration Is Not Specific to the "Preferred Retinal Locus"}, volume={29}, url={http://www.jneurosci.org/content/29/9/2768}, number={9}, journal={Journal of Neuroscience}, publisher={Society for Neuroscience}, author={Daniel D. Dilks}, year={2009}, pages={2768-2773} }

@article{DE Linden\_2014, title={Neurofeedback and networks of depression}, volume={16}, url={http://europepmc.org/articles/PMC3984886}, number={1}, journal={Dialogues in clinical neuroscience}, publisher={Les Laboratoires Servier}, author={DE Linden}, year={2014}, pages={103-112} }

@article{De Luca\_Calabrò\_Bramanti\_2018, title={Cognitive rehabilitation after severe acquired brain injury: current evidence and future directions}, volume={28}, DOI={10.1080/09602011.2016.1211937}, number={6}, journal={Neuropsychological Rehabilitation}, author={De Luca, Rosaria and Calabrò, Rocco Salvatore and Bramanti, Placido}, year={2018}, month={Aug}, pages={879-898} }

@article{Diedrichsen\_Kornysheva\_2015, title={Motor skill learning between selection and execution}, volume={19}, DOI={10.1016/j.tics.2015.02.003}, number={4}, journal={Trends in Cognitive Sciences}, author={Diedrichsen, Jörn and Kornysheva, Katja}, year={2015}, month={Apr}, pages={227-233} }

@article{Ellmers\_Paraskevopoulos\_Williams\_Young\_2018, title={Recalibrating disparities in perceived and actual balance abilities in older adults: a mixed-methods evaluation of a novel exergaming intervention}, volume={15}, DOI={10.1186/s12984-018-0369-8}, number={1}, journal={Journal of NeuroEngineering and Rehabilitation}, author={Ellmers, Toby J. and Paraskevopoulos, Ioannis Th. and Williams, A. Mark and Young, William R.}, year={2018}, month={Dec} }

@article{Ettinger\_Kumari\_2015, title={Effects of sleep deprivation on inhibitory biomarkers of schizophrenia: implications for drug development}, volume={2}, url={https://contentstore.cla.co.uk/secure/link?id=0c0df62f-dc17-e911-80cd-005056af4099}, DOI={10.1016/S2215-0366(15)00313-2}, number={11}, journal={The Lancet Psychiatry}, author={Ettinger, Ulrich and Kumari, Veena}, year={2015}, month={Nov}, pages={1028-1035} }

@article{Flor\_Nikolajsen\_Staehelin\_Jensen\_2006, title={Phantom limb pain: a case of maladaptive CNS plasticity?}, volume={7}, DOI={10.1038/nrn1991}, number={11}, journal={Nature Reviews Neuroscience}, author={Flor, Herta and Nikolajsen, Lone and Staehelin Jensen, Troels}, year={2006}, month={Nov}, pages={873-881} }

@book{Kandel\_2013, address={New York}, edition={5th ed}, title={Principles of neural science, 5th ed}, url={http://lib.myilibrary.com/browse/open.asp?id=396874&entityid=https://idp.brunel.ac.uk/entity}, publisher={McGraw-Hill Medical}, author={Kandel, Eric R.}, year={2013} }

@article{Kim\_Delbaere\_Jacqueline\_C\_T\_Close\_Henry\_Brodyat\_Perminder\_Sachdev\_and\_Stephen\_R\_Lord\_2010, title={Determinants of disparities between perceived and physiological risk of falling among elderly people: cohort study}, volume={341}, url={https://www.jstor.org/stable/20766217?pq-origsite=summon&seq=1#metadata\_info\_tab\_contents}, number={7770}, journal={BMJ: British Medical Journal}, publisher={BMJ}, author={Kim Delbaere, Jacqueline C T Close, Henry Brodyat, Perminder Sachdev and Stephen R Lord}, year={2010} }

@article{Liew\_Santarnecci\_Buch\_Cohen\_2014, title={Non-invasive brain stimulation in neurorehabilitation: local and distant effects for motor recovery}, volume={8}, DOI={10.3389/fnhum.2014.00378}, journal={Frontiers in Human Neuroscience}, author={Liew, Sook-Lei and Santarnecci, Emilliano and Buch, Ethan R. and Cohen, Leonardo G.}, year={2014}, month={Jun} }

@inbook{Lox\_Martin\_Ginis\_Petruzzello\_2017, address={London, [England]}, edition={Fourth edition}, title={The psychology of exercise: integrating theory and practice}, url={http://ebookcentral.proquest.com/lib/brunelu/detail.action?docID=4907233}, publisher={Routledge}, author={Lox, Curt and Martin Ginis, Kathleen A. and Petruzzello, Steven J.}, year={2017} }

@article{Magalhaes\_Oliveira\_Pereira\_Menezes\_2018, title={Does Meditation Alter Brain Responses to Negative Stimuli? A Systematic Review}, volume={12}, DOI={10.3389/fnhum.2018.00448}, journal={Frontiers in Human Neuroscience}, author={Magalhaes, Andressa A. and Oliveira, Leticia and Pereira, Mirtes G. and Menezes, Carolina B.}, year={2018}, month={Nov} }

@article{Mason\_Peters\_Kumari\_2016, title={Functional connectivity predictors and mechanisms of cognitive behavioural therapies: A systematic review with recommendations}, volume={50}, DOI={10.1177/0004867415624970}, number={4}, journal={Australian & New Zealand Journal of Psychiatry}, author={Mason, Liam and Peters, Emmanuelle and Kumari, Veena}, year={2016}, month={Apr}, pages={311-321} }

@inbook{Morris\_Terry\_Gordon\_2007, address={Morgantown, W. Va}, title={Sport and exercise psychology: international perspectives}, url={https://contentstore.cla.co.uk/secure/link?id=eaed77b0-1814-e911-80cd-005056af4099}, booktitle={Sport and exercise psychology: international perspectives}, publisher={Fitness Information Technology}, author={Morris, Tony and Terry, Peter and Gordon, Sandy}, year={2007}, pages={83-93} }

@article{Parton\_Coulthard\_Husain\_2005, title={Neuropharmacological modulation of cognitive deficits after brain damage}, volume={18}, url={https://contentstore.cla.co.uk/secure/link?id=b91990bb-db17-e911-80cd-005056af4099}, DOI={10.1097/01.wco.0000189872.54245.13}, number={6}, journal={Current Opinion in Neurology}, author={Parton, Andrew and Coulthard, Elizabeth and Husain, Masud}, year={2005}, month={Dec}, pages={675-680} }

@inbook{Ramachandran\_Blakeslee\_1998, address={New York}, edition={1st ed}, title={Phantoms in the brain: probing the mysteries of the human mind}, url={https://contentstore.cla.co.uk/secure/link?id=ec494f39-3d1e-e911-80cd-005056af4099}, booktitle={Phantoms in the brain: probing the mysteries of the human mind}, publisher={William Morrow}, author={Ramachandran, V. S. and Blakeslee, Sandra}, year={1998}, pages={39-62} }

@book{Ramachandran\_Blakeslee\_1999, address={London}, title={Phantoms in the brain: human nature and the architecture of the mind}, publisher={Fourth Estate}, author={Ramachandran, V. S. and Blakeslee, Sandra}, year={1999} }

@article{Ramsay\_MacDonald\_2015, title={Brain Correlates of Cognitive Remediation in Schizophrenia: Activation Likelihood Analysis Shows Preliminary Evidence of Neural Target Engagement}, volume={41}, DOI={10.1093/schbul/sbv025}, number={6}, journal={Schizophrenia Bulletin}, author={Ramsay, Ian S. and MacDonald, Angus W.}, year={2015}, month={Nov}, pages={1276-1284} }

@article{Stojanoski\_Lyons\_Pearce\_Owen\_2018, title={Targeted training: Converging evidence against the transferable benefits of online brain training on cognitive function}, volume={117}, DOI={10.1016/j.neuropsychologia.2018.07.013}, journal={Neuropsychologia}, author={Stojanoski, Bobby and Lyons, Kathleen M. and Pearce, Alexandra A.A. and Owen, Adrian M.}, year={2018}, month={Aug}, pages={541-550} }

@article{Tempesta\_Socci\_De Gennaro\_Ferrara\_2018, title={Sleep and emotional processing}, volume={40}, DOI={10.1016/j.smrv.2017.12.005}, journal={Sleep Medicine Reviews}, author={Tempesta, Daniela and Socci, Valentina and De Gennaro, Luigi and Ferrara, Michele}, year={2018}, month={Aug}, pages={183-195} }

@article{Thomas\_Baker\_2013, title={Teaching an adult brain new tricks: A critical review of evidence for training-dependent structural plasticity in humans}, volume={73},

DOI={10.1016/j.neuroimage.2012.03.069}, journal={NeuroImage}, author={Thomas, Cibu and Baker, Chris I.}, year={2013}, month={Jun}, pages={225-236} }

@article{Woollacott\_Shumway-Cook\_2002, title={Attention and the control of posture and gait: a review of an emerging area of research}, volume={16}, DOI={10.1016/S0966-6362(01)00156-4}, number={1}, journal={Gait & Posture}, author={Woollacott, Marjorie and Shumway-Cook, Anne}, year={2002}, month={Aug}, pages={1-14} }

@article{Yamada\_Higuchi\_Nishiguchi\_Yoshimura\_Kajiwara\_Aoyama\_2013, title={Multitarget Stepping Program in Combination with a Standardized Multicomponent Exercise Program Can Prevent Falls in Community-Dwelling Older Adults: A Randomized, Controlled Trial}, volume={61}, DOI={10.1111/jgs.12453}, number={10}, journal={Journal of the American Geriatrics Society}, author={Yamada, Minoru and Higuchi, Takahiro and Nishiguchi, Shu and Yoshimura, Kazuya and Kajiwara, Yuu and Aoyama, Tomoki}, year={2013}, month={Oct}, pages={1669-1675} }