

Literatur

- Amrani, A.K. & Golumbic E.Z. (2020).** *Spontaneous and Stimulus-Driven Rhythmic Behaviors in ADHD Adults and Controls.* The Gonda Brain Research Center, Bar Ilan University, Ramat Gan, Israel. doi: <https://doi.org/10.1101/2019.12.24.887802>
- Barnett, A.L. (2014).** *Is There a Movement Thermometer for Developmental Coordination Disorder.* Curr Dev Disord Rep (2014) 1:132–139 DOI 10.1007/s40474-014-0011-9. Springer International Publishing AG 2014
- Berger, N. et al. (2014).** Association of symptoms of attention-deficit/hyperactivity disorder with symptoms of excessive exercising in an adult general population sample. BMC Psychiatry 2014, 14:250 Page 2 of 9 <http://www.biomedcentral.com/1471-244X/14/250>
- Bernard, J.A. & Mittal, V.A. (2015).** Updating the research domain criteria: the utility of a motor dimension. Psychological Medicine (2015), 45, 2685–2689. © Cambridge University Press 2015. doi:10.1017/S0033291715000872
- Cacioppo, J.T., Priester, J.R., Bernston, G.G. (1993).** Rudimentary determination of attitudes: II. Arm flexion and extension have differential effects on attitudes. Journal of Personality and Social Psychology, 65, 5-17. doi:10.1037/0022-3514.65.1.5
- Christiansen, L., Beck, M.M., Bilenberg, N., Wienecke, J., Astrup, A., Lundbye-Jensen, J. (2019).** Effects of Exercise on Cognitive Performance in Children and Adolescents with ADHD: Potential Mechanisms and Evidence-based Recommendations. Journal of Clinical Medicine, 2019, 8, 841; doi:10.3390/jcm8060841
- Clark D., Schumann F., Mostofsky S.H. (2015).** Mindful movement and skilled attention. Front. Hum. Neurosci. 9:297. doi: 10.3389/fnhum.2015.00297
- Clark, D., Seymour, K.E., Findling, R.L., Mostofsky, S.H. (2020).** Subtle Motor Signs as a Biomarker for Mindful Movement Intervention in Children with ADHD. J Dev Behav Pediatr. 2020 ; 41(5): 349–358. doi:10.1097/DBP.0000000000000795
- Craighero, L. (2014).** The Role of the Motor System in Cognitive Functions. Template: Royal A, Font: , Date: 07/02/2014; 3B2 version: 9.1.406/W Unicode (May 24 2007) (APS_OT) Dir: //integrals1/kcg/2- Pagination/TandF/DIED_RAPS/ApplicationFiles/9780415623612 .3d
- Dahan, A. & Reiner, M. (2017).** Evidence for deficient motorplanning in ADHD. Scientific Reports | 7: 9631 | DOI:10.1038/s41598-017-09984-7
- Davis, A.S., Pass, L.A., Finch, W.H., Dean, R.S., Woodcock, R.W. (2009).** The Canonical Relationship Between Sensory-Motor Functioning and Cognitive Processing in Children with Attention-Deficit/Hyperactivity Disorder. Oxford Journals. Oxford University Press. Archives of Clinical Neuropsychology 24 (2009) 273–286
- Diamond, A. (2015).** Effects of Physical Exercise on Executive Functions: Going beyond Simply Moving to Moving with Thought. Ann Sports Med Res 2(1): 1011.
- Diamond, A., Ling, D.S. (2016).** Conclusions about interventions, programs, and approaches for improving executive functions that appear justified and those that, despite much hype, do not. Developmental Cognitive Neuroscience 18 (2016) 34–48. <http://dx.doi.org/10.1016/j.dcn.2015.11.005>
- Diamond, A. & Ling, D.S. (2020).** Review of the Evidence on, and Fundamental Questions about, Efforts to Improve Executive Functions, Including Working Memory. Cognitive and Working Memory Training. Perspectives from Psychology, Neuroscience and Human Development. Oxford University Press.
- Goetz, M., Schwabova, J.P., Hlavka, Z., Ptacek, R., Craig BH Surman, CB. H. (2017).** Dynamic balance in children with attention-deficit hyperactivity disorder and its relationship with cognitive functions and cerebellum. Neuropsychiatric Disease and Treatment. Dove Press Journal.
- Gottwald, J.M., Achermann, S., Marciszko, C., Lindskog, M., Gredebäck, G. (2016).** An Embodied Account of Early Executive Function Development: Prospective Motor Control in Infancy is Related to Inhibition and Working Memory. Association for Psychological Science 2016, Vol. 27 (12) 1600-1610
- Goulardins, J.B., Marques, J.C F.B., Casella, E.B. (2011).** Quality of life and psychomotor profile of children with attention deficit hyperactivity disorder (ADHD). Article. Arq Neuropsiquiatr 2011; 69 (4):630-635
- Herold, F., Hamacher, D., Schega, L., Müller, N.G. (2018).** Thinking While Moving or Moving While Thinking – Concepts of Motor-Cognitive Training for Cognitive Performance Enhancement. Frontiers in Aging Neuroscience. Perspective published: 06 August 2018. doi: 10.3389/fnagi.2018.00228
- Hove, M.J., Zeffiro, T.A., Biederman, J., Li, Z., Schmahmann, J., Valera, E.M. (2015).** Postural sway and regional cerebellar volume in adults with attention-deficit/hyperactivity disorder. NeurImage: Clinical 8 (2015) 422-428. Elsevier. <http://dx.doi.org/10.1016/j.nicl.2015.05.005>
- Kaiser, M.-L., Schoemaker, M.M., Albaret, J.-M., Geuze, R.H. (2015).** What is the evidence of impaired motor skills and motor control among children with attention deficit hyperactivity disorder (ADHD)? Systematic review of the literature. Article in Research in Developmental Disabilities. Elsevier. <http://dx.doi.org/10.1016/j.ridd.2014.09.023>
- Kalanthroff, E., Naparstek, S.D., Henik, A. (2013).** Spatial Processing in Adults With Attention Deficit Hyperactivity Disorder. Article in Neuropsychology. August 2013. American Psychology Association 0894-4105/13/\$12. doi: 10.1037/a0033655
- Koch, S.C., (2014).** Rhythm is it: effects of dynamic body feedback on affect and attitudes. Frontiers in Psychology. Original Research Article published: 10 June 2014. doi: 10.3389/fpsyg.2014.00537
- Kouhbanani, S.S., Rothenberger, A. (2021).** Perceptual-Motor Skills Reconstruction Program Improves Executive Functions in Children with Attention-Deficit/Hyperactivity Disorder. Sustainability 2021, 13, 6210. <https://doi.org/10.3390/su13116210>
- Koziol, L., Budding, D.E., Chidekel, D. (2011).** From Movement to Thought: Executive Function, Embodied Cognition, and the Cerebellum. Springer Science+Business Media, LLC 2011. Cerebellum doi 10.1007/s12311-011-0321-y
- Koziol, L., Budding, D., Andreasen, N., D'Arrigo, S., Bulgheroni, S., Imamizu, H., Ito, M., Manto, M., Marvel, C., Parker, K., Pezzulo, G., Ramnani, N., Riva, D., Schmahmann, J., Vandervert, L., Yamazaki, T. (2013).** Consensus Paper: The Cerebellum's Role in Movement and Cognition. Springer Science+Business Media New York 2013. Cerebellum (2014) 13:151–177 DOI 10.1007/s12311-013-0511-x
- Kroes, M., Alfons G H Kessels, A.G.H., Kalff, A.C., Frans J M Feron, F.J.M., Vissers, Y.L.J., Jolles, J. Vles; J.S.H. (2002).** Quality of movement as predictor of ADHD: results from a

Literatur

- prospective population study in 5- and 6-year-old children.* Developmental Medicine & Child Neurology 2002, 44: 753–760
- Leisman, G., Melillo, R. (2010).** Effects of motor sequence training on attentional performance in ADHD children. Int J Disabil Hum Dev 2010;9(4):xxx–xxx © 2010 by Walter de Gruyter-Berlin-New York. doi: 10.1515/IJDHD.2010.043
- Leisman, G., Braun-Benjamin, O., Melillo, R. (2014).** Cognitive-motor interactions of the basal ganglia in development. Frontiers in Systems Neuroscience. Review Article published:13.February 2014. doi: 10.3389/fnsys.2014.00016
- Leisman, G., Moustafa, A.A., Shafir, T. (2016).** Thinking, Walking, Talking: Integratory Motor and Cognitive Brain Function. Frontiers in Public Health. Review published: 25 May 2016. doi: 10.3389/fpubh.2016.00094
- Leisman, G. (2017).** Movement and Cognition. Functional Neurology, Rehabilitation, and Ergonomics- Vol. 7, No. 3. doi: 10.13140/RG.2.2.28341.93925
- Marvel, C.L., Morgan, O.E., Kronemer, S.I. (2019).** How the Motor System Integrates with Working Memory. Published in final edited form as: Neurosci Biobehav Rev. 2019 July ; 102: 184–194. doi:10.1016/j.neubiorev.2019.04.017.
- Moreau, D. (2014).** Unreflective actions? complex motor skill acquisition to enhance spatial cognition. Springer Science+Business Media Dordrecht 2014. Phenom Cogn Sci. doi: 10.1007/s11097-014-9376-9
- Neely, K.A., Wang, P., Chennavasin, A.P., Samimy, S., Tucker, J., Merida, A., Perez-Edgar, K., Huang-Pollock, C. (2017).** Deficits in inhibitory force control in young adults with ADHD. ScienceDirect Neuropsychologia. Elsevier Ltd. 2017. <http://dx.doi.org/10.1016/j.neuropsychologia.2017.03.012>
- Neto, F.R., Goulardins, J.B., Rigoli, D., Piek, J.P., de Oliveira, J.A. (2015).** Motor development of children with attention deficit hyperactivity disorder. Revista Brasileira de Psiquiatria. 2015;37:228–234 Associação Brasileira de Psiquiatria doi:10.1590/1516-4446-2014-1533
- Niedenthal, P.M., Barsalou, L.W., Winkielman, P., Krauth-Gruber, S., Ric, F. (2005).** Embodiment in Attitudes, Social Perception, and Emotion. Article in Personality and Social Psychology. Review February 2005. doi: 10.1207/s15327957pspr0903_1
- O'Brien, M.K., Ahmed, A.A. (2015).** Rationality in Human Movement. 0091-6331/4401/20Y28 Exercise and Sport Sciences Reviews. doi: 10.1249/JES.0000000000000066
- Problovski, H.Z.G., Lavi, D., Yozevitch, R., Sherman, M., Hagay, Y., Dahan, A. (2021).** Impairments of interpersonal synchrony evident in attention deficit hyperactivity disorder (ADHD). Acta Psychologica 212 (2021) 103210. Elsevier. <https://doi.org/10.1016/j.actpsy.2020.103210>
- Problovski, H.Z.G., Dahan, A. (2021).** The Potential Role of Dopamine in Mediating Motor Function and Interpersonal Synchrony. Biomedicines 2021, 9, 382. <https://doi.org/10.3390/biomedicines 9040382>
- Pujarinet, F., Bégel, V., Lopez, R., Dellacherie, D., Dalla Bella, S. (2017).** Children and adults with Attention Deficit/Hyperactivity Disorder cannot move to the beat. Scientific Reports | 7: 11550 | DOI:10.1038/s41598-017-11295-w
- Raio, C.M., Oreduru, T.A., Palazzolo, L., Shurick, A.A., Phelps, E.A. (2013).** Cognitive emotion regulation fails the stress test. www.pnas.org/lookup/suppl/doi:10.1073/pnas.1305706110/-/DCSupplemental.
- Rigoli, D., Piek, J.P., Kane, R., Oosterlaan, J. (2012).** An examination of the relationship between motor coordination and executive functions in adolescents. Original Article in: Developmental Medicine & Child Neurology. Mc Keith Press. doi: 10.1111/j.1469-8749.2012.04403.x
- Riskind, J.H., Gotay, C.C. (1982).** Physical Posture: Could It Have Regulatory or Feedback Effects on Motivation and Emotion? Article in Motivation and Emotion. September 1982 DOI: 10.1007/BF00992249.
- Schmahmann, J.D. (2010).** The Role of the Cerebellum in Cognition and Emotion: Personal Reflections Since 1982 on the Dysmetria of Thought Hypothesis, and Its Historical Evolution from Theory to Therapy. Springer Science+Business Media, LLC 2010. Neuropsychol Rev (2010) 20:236–260 DOI 10.1007/s11065-010-9142-x
- Sempere-Tortosa, M., Fernández-Carrasco, F., Navarro-Soria, I., Rizo-Maestre, C. (2021).** Movement Patterns in Students Diagnosed with ADHD, Objective Measurement in a Natural Learning Environment. Int. J. Environ. Res. Public Health 2021, 18, 3870. <https://doi.org/10.3390/ijerph18083870>
- Shafir, T. (2016).** Using Movement to Regulate Emotion: Neurophysiological Findings and Their Application in Psychotherapy. Front. Psychol. 7:1451. doi: 10.3389/fpsyg.2016.01451
- Slater, J.L., Tate, M.C. (2018)** Timing Deficits in ADHD: Insights From the Neuroscience of Musical Rhythm. Front. Comput. Neurosci. 12:51. doi: 10.3389/fncom.2018.00051
- Stray, L.L., Stray, T., Kristensen, O. (2015).** Neuromuscular Regulation Problems in Attention Deficit Hyperactivity Disorder Assessed by the Motor Function Neurological Assessment. J Nov Physiother 5: 255. doi:10.4172/2165-7025.1000255
- Thomas, L.E., Lleras, A. (2009).** Swinging into thought: Directed movement guides insight in problem solving. Psychonomic Bulletin & Review 2009, 16 (4), 719-723 doi:10.3758/PBR.16.4.719
- Tsachor, R.P., Shafir, T. (2017).** A Somatic Movement Approach to Fostering Emotional Resiliency through Laban Movement Analysis. Front. Hum. Neurosci. 11:410. doi: 10.3389/fnhum.2017.00410
- Vickers, J.N., Rodriguez, S.T., Brown, L.N. (2002).** Gaze pursuit and arm control of adolescent males diagnosed with attention deficit hyperactivity disorder (ADHD) and normal controls: evidence of a dissociation in processing visual information of short and long duration. Journal of Sports Sciences ISSN 0264-0414 print/ISSN 1466-447X online © 2002 Taylor & Francis Ltd <http://www.tandf.co.uk/journals>
- Werner, K. and Raab, M. (2013).** Moving to solution: Effects of movement priming on problem solving. Article in Experimental Psychology · July 2013 DOI: 10.1027/1618-3169/a000213 · Source: PubMed
- Williams, J.H.G., Huggins, C.F., Barbra Zupan, B., Willis, M., Van Rheenen, T.E., Sato, W., Palermo, R., Ortner, C., Krippel, M., Kret, M., Dickson, J.M., Li, C.R., , Lowe, L. (2020).** A sensorimotor control framework for understanding emotional communication and regulation. Article in Neuroscience & Biobehavioral Reviews. February 2020 DOI: 10.1016/j.neubiorev.2020.02.014
- Winkielman, P., Niedenthal, P., Wielgosz, J., Eelen, J., Kavanagh, L.C. (2014).** Embodiment of Cognition and Emotion. <http://dx.doi.org/10.1037/14341-004> APA Handbook of Personality and Social Psychology: Vol. 1. Attitudes and Social Cognition, M. Mikulincer and P. R. Shaver (Editors-in-Chief)