

1: Ronconi L, Devita M, Molteni M, Gori S, Facoetti A. Brief Report: When Large Becomes Slow: Zooming-Out Visual Attention Is Associated to Orienting Deficits in Autism. *J Autism Dev Disord*. 2018 Feb 16. doi: 10.1007/s10803-018-3506-0. [Epub ahead of print] PubMed PMID: 29453707.

2: Franceschini S, Mascheretti S, Bertoni S, Trezzi V, Andreola C, Gori S, Facoetti A. Sluggish dorsally-driven inhibition of return during orthographic processing in adults with dyslexia. *Brain Lang*. 2018 Apr;179:1-10. doi: 10.1016/j.bandl.2018.01.009. Epub 2018 Feb 13. PubMed PMID: 29453081.

3: Franceschini S, Bertoni S, Giancesini T, Gori S, Facoetti A. A different vision of dyslexia: Local precedence on global perception. *Sci Rep*. 2017 Dec 12;7(1):17462. doi: 10.1038/s41598-017-17626-1. PubMed PMID: 29234050; PubMed Central PMCID: PMC5727118.

4: Mascheretti S, Gori S, Trezzi V, Ruffino M, Facoetti A, Marino C. Visual motion and rapid auditory processing are solid endophenotypes of developmental dyslexia. *Genes Brain Behav*. 2018 Jan;17(1):70-81. doi: 10.1111/gbb.12409. Epub 2017 Sep 14. PubMed PMID: 28834383.

5: Franceschini S, Trevisan P, Ronconi L, Bertoni S, Colmar S, Double K, Facoetti A, Gori S. Action video games improve reading abilities and visual-to-auditory attentional shifting in English-speaking children with dyslexia. *Sci Rep*. 2017

Jul 19;7(1):5863. doi: 10.1038/s41598-017-05826-8. PubMed PMID: 28725022; PubMed Central PMCID: PMC5517521.

6: Gori S, Molteni M, Facoetti A. Visual Illusions: An Interesting Tool to Investigate Developmental Dyslexia and Autism Spectrum Disorder. *Front Hum Neurosci*. 2016 Apr 25;10:175. doi: 10.3389/fnhum.2016.00175. eCollection 2016. Review. PubMed PMID: 27199702; PubMed Central PMCID: PMC4842763.

7: Ronconi L, Pincham HL, Cristoforetti G, Facoetti A, Szűcs D. Shaping prestimulus neural activity with auditory rhythmic stimulation improves the temporal allocation of attention. *Neuroreport*. 2016 May 4;27(7):487-94. doi: 10.1097/WNR.0000000000000565. PubMed PMID: 26986506; PubMed Central PMCID: PMC4822201.

8: Gori S, Seitz AR, Ronconi L, Franceschini S, Facoetti A. Multiple Causal Links Between Magnocellular-Dorsal Pathway Deficit and Developmental Dyslexia. *Cereb Cortex*. 2016 Oct 17;26(11):4356-4369. Epub 2015 Sep 22. PubMed PMID: 26400914.

9: Ronconi L, Pincham HL, Szűcs D, Facoetti A. Inducing attention not to blink: auditory entrainment improves conscious visual processing. *Psychol Res*. 2016 Sep;80(5):774-84. doi: 10.1007/s00426-015-0691-8. Epub 2015 Jul 28. PubMed PMID: 26215434.

10: Ronconi L, Franchin L, Valenza E, Gori S, Facoetti A. The attentional 'zoom-lens' in 8-month-old infants. *Dev Sci*. 2016 Jan;19(1):145-54. doi: 10.1111/desc.12288. Epub 2015 Feb 20. PubMed PMID: 25702701.

11: Gori S, Facoetti A. How the visual aspects can be crucial in reading acquisition? The intriguing case of crowding and developmental dyslexia. *J Vis*. 2015 Jan 14;15(1):15.1.8. doi: 10.1167/15.1.8. Review. PubMed PMID: 25589292.

12: Mascheretti S, Facoetti A, Giorda R, Beri S, Riva V, Trezzi V, Cellino MR, Marino C. GRIN2B mediates susceptibility to intelligence quotient and cognitive impairments in developmental dyslexia. *Psychiatr Genet*. 2015 Feb;25(1):9-20. doi: 10.1097/YPG.000000000000068. PubMed PMID: 25426763.

13: Goswami U, Power AJ, Lallier M, Facoetti A. Oscillatory "temporal sampling" and developmental dyslexia: toward an over-arching theoretical framework. *Front Hum Neurosci*. 2014 Nov 7;8:904. doi: 10.3389/fnhum.2014.00904. eCollection 2014. PubMed PMID: 25426052; PubMed Central PMCID: PMC4224062.

14: Montani V, Facoetti A, Zorzi M. The effect of decreased interletter spacing on orthographic processing. *Psychon Bull Rev*. 2015 Jun;22(3):824-32. doi: 10.3758/s13423-014-0728-9. PubMed PMID: 25361820.

15: Gori S, Mascheretti S, Giora E, Ronconi L, Ruffino M, Quadrelli E, Facoetti

A, Marino C. The DCDC2 intron 2 deletion impairs illusory motion perception unveiling the selective role of magnocellular-dorsal stream in reading (dis)ability. *Cereb Cortex*. 2015 Jun;25(6):1685-95. doi: 10.1093/cercor/bhu234. Epub 2014 Sep 30. PubMed PMID: 25270309.

16: Gori S, Cecchini P, Bigoni A, Molteni M, Facoetti A. Magnocellular-dorsal pathway and sub-lexical route in developmental dyslexia. *Front Hum Neurosci*. 2014 Jun 24;8:460. doi: 10.3389/fnhum.2014.00460. eCollection 2014. PubMed PMID: 25009484; PubMed Central PMCID: PMC4068287.

17: Marino C, Scifo P, Della Rosa PA, Mascheretti S, Facoetti A, Lorusso ML, Giorda R, Consonni M, Falini A, Molteni M, Gruen JR, Perani D. The DCDC2/intron 2 deletion and white matter disorganization: focus on developmental dyslexia. *Cortex*. 2014 Aug;57:227-43. doi: 10.1016/j.cortex.2014.04.016. Epub 2014 May 9. PubMed PMID: 24926531.

18: Ruffino M, Gori S, Boccardi D, Molteni M, Facoetti A. Spatial and temporal attention in developmental dyslexia. *Front Hum Neurosci*. 2014 May 22;8:331. doi: 10.3389/fnhum.2014.00331. eCollection 2014. PubMed PMID: 24904371; PubMed Central PMCID: PMC4033052.

19: Montani V, Facoetti A, Zorzi M. Spatial attention in written word perception. *Front Hum Neurosci*. 2014 Feb 10;8:42. doi: 10.3389/fnhum.2014.00042. eCollection 2014. PubMed PMID: 24574990; PubMed Central PMCID: PMC3918588.

20: Ronconi L, Facoetti A, Bulf H, Franchin L, Bettoni R, Valenza E. Paternal autistic traits are predictive of infants visual attention. *J Autism Dev Disord*. 2014 Jul;44(7):1556-64. doi: 10.1007/s10803-013-2018-1. PubMed PMID: 24356849.

21: Gori S, Facoetti A. Perceptual learning as a possible new approach for remediation and prevention of developmental dyslexia. *Vision Res*. 2014 Jun;99:78-87. doi: 10.1016/j.visres.2013.11.011. Epub 2013 Dec 8. Review. PubMed PMID: 24325850.

22: Ronconi L, Gori S, Giora E, Ruffino M, Molteni M, Facoetti A. Deeper attentional masking by lateral objects in children with autism. *Brain Cogn*. 2013 Jul;82(2):213-8. doi: 10.1016/j.bandc.2013.04.006. Epub 2013 May 15. PubMed PMID: 23685759.

23: Franceschini S, Gori S, Ruffino M, Viola S, Molteni M, Facoetti A. Action video games make dyslexic children read better. *Curr Biol*. 2013 Mar 18;23(6):462-6. doi: 10.1016/j.cub.2013.01.044. Epub 2013 Feb 28. PubMed PMID: 23453956.

24: Dispaldro M, Leonard LB, Corradi N, Ruffino M, Bronte T, Facoetti A. Visual attentional engagement deficits in children with specific language impairment and their role in real-time language processing. *Cortex*. 2013 Sep;49(8):2126-39. doi:

10.1016/j.cortex.2012.09.012. Epub 2012 Oct 5. PubMed PMID: 23154040; PubMed Central PMCID: PMC4430851.

25: Ronconi L, Gori S, Ruffino M, Franceschini S, Urbani B, Molteni M, Facoetti A. Decreased coherent motion discrimination in autism spectrum disorder: the role of attentional zoom-out deficit. *PLoS One*. 2012;7(11):e49019. doi: 10.1371/journal.pone.0049019. Epub 2012 Nov 6. PubMed PMID: 23139831; PubMed Central PMCID: PMC3490913.

26: Ronconi L, Basso D, Gori S, Facoetti A. TMS on right frontal eye fields induces an inflexible focus of attention. *Cereb Cortex*. 2014 Feb;24(2):396-402. doi: 10.1093/cercor/bhs319. Epub 2012 Oct 9. PubMed PMID: 23048022.

27: Zorzi M, Barbiero C, Facoetti A, Lonciari I, Carrozzi M, Montico M, Bravar L, George F, Pech-Georgel C, Ziegler JC. Extra-large letter spacing improves reading in dyslexia. *Proc Natl Acad Sci U S A*. 2012 Jul 10;109(28):11455-9. doi: 10.1073/pnas.1205566109. Epub 2012 Jun 4. PubMed PMID: 22665803; PubMed Central PMCID: PMC3396504.

28: Ronconi L, Gori S, Ruffino M, Molteni M, Facoetti A. Zoom-out attentional impairment in children with autism spectrum disorder. *Cortex*. 2013 Apr;49(4):1025-33. doi: 10.1016/j.cortex.2012.03.005. Epub 2012 Mar 19. PubMed PMID: 22503282.

29: Franceschini S, Gori S, Ruffino M, Pedrolli K, Facoetti A. A causal link between visual spatial attention and reading acquisition. *Curr Biol*. 2012 May 8;22(9):814-9. doi: 10.1016/j.cub.2012.03.013. Epub 2012 Apr 5. PubMed PMID: 22483940.

30: Lorusso ML, Facoetti A, Bakker DJ. Neuropsychological treatment of dyslexia: does type of treatment matter? *J Learn Disabil*. 2011 Mar-Apr;44(2):136-49. doi: 10.1177/0022219410391186. PubMed PMID: 21383106.

31: Ruffino M, Trussardi AN, Gori S, Finzi A, Giovagnoli S, Menghini D, Benassi M, Molteni M, Bolzani R, Vicari S, Facoetti A. Attentional engagement deficits in dyslexic children. *Neuropsychologia*. 2010 Nov;48(13):3793-801. doi: 10.1016/j.neuropsychologia.2010.09.002. Epub 2010 Sep 15. PubMed PMID: 20833191.

32: Facoetti A, Corradi N, Ruffino M, Gori S, Zorzi M. Visual spatial attention and speech segmentation are both impaired in preschoolers at familial risk for developmental dyslexia. *Dyslexia*. 2010 Aug;16(3):226-39. doi: 10.1002/dys.413. PubMed PMID: 20680993.

33: Piazza M, Facoetti A, Trussardi AN, Berteletti I, Conte S, Lucangeli D, Dehaene S, Zorzi M. Developmental trajectory of number acuity reveals a severe impairment in developmental dyscalculia. *Cognition*. 2010 Jul;116(1):33-41. doi: 10.1016/j.cognition.2010.03.012. Epub 2010 Apr 8. PubMed PMID: 20381023.

34: Menghini D, Finzi A, Benassi M, Bolzani R, Facoetti A, Giovagnoli S, Ruffino M, Vicari S. Different underlying neurocognitive deficits in developmental dyslexia: a comparative study. *Neuropsychologia*. 2010 Mar;48(4):863-72. doi: 10.1016/j.neuropsychologia.2009.11.003. Epub 2009 Nov 10. PubMed PMID: 19909762.

35: Geiger G, Cattaneo C, Galli R, Pozzoli U, Lorusso ML, Facoetti A, Molteni M. Wide and diffuse perceptual modes characterize dyslexics in vision and audition. *Perception*. 2008;37(11):1745-64. PubMed PMID: 19189736.

36: Facoetti A, Ruffino M, Peru A, Paganoni P, Chelazzi L. Sluggish engagement and disengagement of non-spatial attention in dyslexic children. *Cortex*. 2008 Oct;44(9):1221-33. doi: 10.1016/j.cortex.2007.10.007. Epub 2008 Jan 30. PubMed PMID: 18761136.

37: Marino C, Citterio A, Giorda R, Facoetti A, Menozzi G, Vanzin L, Lorusso ML, Nobile M, Molteni M. Association of short-term memory with a variant within DYX1C1 in developmental dyslexia. *Genes Brain Behav*. 2007 Oct;6(7):640-6. Epub 2007 Feb 13. PubMed PMID: 17309662.

38: Facoetti A, Zorzi M, Cestnick L, Lorusso ML, Molteni M, Paganoni P, Umiltà C, Mascetti GG. The relationship between visuo-spatial attention and nonword reading in developmental dyslexia. *Cogn Neuropsychol*. 2006 Sep;23(6):841-55. doi:

10.1080/02643290500483090. PubMed PMID: 21049356.

39: Lorusso ML, Facoetti A, Paganoni P, Pezzani M, Molteni M. Effects of visual hemisphere-specific stimulation versus reading-focused training in dyslexic children. *Neuropsychol Rehabil*. 2006 Apr;16(2):194-212. PubMed PMID: 16565034.

40: Facoetti A, Lorusso ML, Cattaneo C, Galli R, Molteni M. Visual and auditory attentional capture are both sluggish in children with developmental dyslexia. *Acta Neurobiol Exp (Wars)*. 2005;65(1):61-72. PubMed PMID: 15794032.

41: Lorusso ML, Facoetti A, Toraldo A, Molteni M. Tachistoscopic treatment of dyslexia changes the distribution of visual-spatial attention. *Brain Cogn*. 2005 Mar;57(2):135-42. PubMed PMID: 15708204.

42: Lorusso ML, Facoetti A, Pesenti S, Cattaneo C, Molteni M, Geiger G. Wider recognition in peripheral vision common to different subtypes of dyslexia. *Vision Res*. 2004;44(20):2413-24. PubMed PMID: 15246756.

43: Lorusso ML, Facoetti A, Molteni M. Hemispheric, attentional, and processing speed factors in the treatment of developmental dyslexia. *Brain Cogn*. 2004 Jul;55(2):341-8. PubMed PMID: 15177809.

44: Facoetti A, Lorusso ML, Paganoni P, Cattaneo C, Galli R, Mascetti GG. The time course of attentional focusing in dyslexic and normally reading children. *Brain Cogn.* 2003 Nov;53(2):181-4. PubMed PMID: 14607143.

45: Facoetti A, Lorusso ML, Paganoni P, Cattaneo C, Galli R, Umiltà C, Mascetti GG. Auditory and visual automatic attention deficits in developmental dyslexia. *Brain Res Cogn Brain Res.* 2003 Apr;16(2):185-91. PubMed PMID: 12668226.

46: Facoetti A, Lorusso ML, Paganoni P, Umiltà C, Mascetti GG. The role of visuospatial attention in developmental dyslexia: evidence from a rehabilitation study. *Brain Res Cogn Brain Res.* 2003 Jan;15(2):154-64. PubMed PMID: 12429367.

47: Mascetti GG, Turatto M, Facoetti A. Four paradigms to study visual--spatial attention of myopic subjects. *Brain Res Brain Res Protoc.* 2001 Jul;7(3):241-7. PubMed PMID: 11431125.

48: Facoetti A, Turatto M, Lorusso ML, Mascetti GG. Orienting of visual attention in dyslexia: evidence for asymmetric hemispheric control of attention. *Exp Brain Res.* 2001 May 1;138(1):46-53. PubMed PMID: 11374082.

49: Fabbro F, Pesenti S, Facoetti A, Bonanomi M, Libera L, Lorusso ML. Callosal transfer in different subtypes of developmental dyslexia. *Cortex.* 2001 Feb;37(1):65-73. PubMed PMID: 11292162.

50: Facoetti A, Molteni M. The gradient of visual attention in developmental dyslexia. *Neuropsychologia*. 2001;39(4):352-7. PubMed PMID: 11164873.

51: Facoetti A. Facilitation and inhibition mechanisms of human visuospatial attention in a non-search task. *Neurosci Lett*. 2001 Jan 26;298(1):45-8. PubMed PMID: 11154832.

52: Turatto M, Benso F, Facoetti A, Galfano G, Mascetti GG, Umiltà C. Automatic and voluntary focusing of attention. *Percept Psychophys*. 2000 Jul;62(5):935-52. PubMed PMID: 10997040.

53: Facoetti A, Molteni M. Is attentional focusing an inhibitory process at distractor location? *Brain Res Cogn Brain Res*. 2000 Sep;10(1-2):185-8. Erratum in: *Brain Res Cogn Brain Res* 2001 Jan;10(3):379. PubMed PMID: 10978707.

54: Facoetti A, Turatto M. Asymmetrical visual fields distribution of attention in dyslexic children: a neuropsychological study. *Neurosci Lett*. 2000 Sep 1;290(3):216-8. PubMed PMID: 10963902.

55: Facoetti A, Paganoni P, Lorusso ML. The spatial distribution of visual attention in developmental dyslexia. *Exp Brain Res*. 2000 Jun;132(4):531-8. PubMed

PMID: 10912834.

56: Facoetti A, Paganoni P, Turatto M, Marzola V, Mascetti GG. Visual-spatial attention in developmental dyslexia. *Cortex*. 2000 Feb;36(1):109-23. PubMed PMID: 10728901.

57: Turatto M, Facoetti A, Serra G, Benso F, Angi M, Umiltà C, Mascetti GG. Visuospatial attention in myopia. *Brain Res Cogn Brain Res*. 1999 Oct 25;8(3):369-72. PubMed PMID: 10556613.