

Pubblicazioni Selezionate / Selected Publications

Internazionali / International Journals

Giofrè, D., Mammarella, I. C., Ronconi, L., & Cornoldi, C. (2013). Visuospatial working memory involvement in intuitive geometry and in academic achievement in geometry. *Learning and Individual Differences*, 23, 114-122.

Schmidt, S., Tinti, C., Fantino, M., Mammarella, I. C., & Cornoldi, C. (2013). Survey representations in blind people: The role of strategies and mobility skills. *Acta Psychologica*, 142, 43-50.

Carretti, B., Lanfranchi, S., & Mammarella, I. C. (2013). Spatial-simultaneous and spatial-sequential working memory in individuals with Down Syndrome: The effect of configuration. *Research in Developmental Disabilities*, 34, 669-675.

Passolunghi, M. C., & Mammarella, I. C. (2012). Selective spatial working memory impairment in children with arithmetic learning disabilities. *Journal of Learning Disabilities*, 45, 342-351.

Carretti, B., Mammarella, I. C., & Borella, E. (2012). Age differences in proactive interference in verbal and visuo-spatial working memory. *Journal of Cognitive Psychology*, 24, 243-255.

Caviola, S., Mammarella, I. C., Cornoldi, C., & Lucangeli, D. (2012). Mental addition with and without carrying in children: How is working memory involved? *Journal of Experimental Child Psychology*, 112, 141-160.

Fiore, F., Borella, E., Mammarella, I. C., & De Beni, R. (2012). Age differences in verbal and visuo-spatial working memory updating: Evidence from analysis of serial position curves. *Memory*, 20, 14-27.

Fiore, F., Borella, E., Mammarella, I. C., & Cornoldi, C. (2011). Mental imagery in a visuospatial working memory task and modulation of activation. *Journal of Cognitive Psychology*, 23, 52-59.

Mammarella, I. C., & Pazzaglia, F. (2010). Visual perception and memory impairments in children at risk for Nonverbal learning disabilities. *Child Neuropsychology*, 16, 564-576.

Mammarella, I. C., Lucangeli, D., & Cornoldi, C. (2010). Spatial working memory and arithmetic deficits in Nonverbal learning difficulties (NLD) children. *Journal of Learning Disabilities*, 43, 455-468.

Passolunghi, M. C., & Mammarella, I. C. (2010). Spatial working memory impairments in children with difficulties in arithmetic word problem-solving. *European Journal of Cognitive Psychology*, 22, 944-963.

Mammarella, I. C., Coltri, S., Lucangeli, D., & Cornoldi, C. (2009). Impairment of simultaneous-spatial working memory in non-verbal learning disability: A treatment case study. *Neuropsychological Rehabilitation*, 19, 761-780.

Mammarella, I. C., Meneghetti, C., Pazzaglia, F., Gitti, F., Gomez, C., & Cornoldi, C. (2009). Representation of survey and route spatial texts in children with nonverbal (visuospatial) learning disabilities. *Brain & Cognition*, 71, 173-179.

Coluccia, E., Mammarella, I. C., & Cornoldi, C. (2009). Centered egocentric, de-centered egocentric, and allocentric spatial representations in the peripersonal space of congenital total blindness. *Perception*, 38, 679-693.

Cornoldi, C., Tinti, C., Mammarella, I. C., Re, A. M., & Varotto, D. (2009). Memory for an imagined pathway and strategy effects in sighted and in totally congenitally blind individuals. *Acta Psychologica*, 130, 11-16.

Vecchi, T., Cattaneo, Z., Cornoldi, C., Ricciardi, E., Mammarella, I. C., Bonino, D., Pietrini, P. (2008). Imagery and spatial processes in blindness and visual impairment. *Neuroscience & Biobehavioral Review*, 32, 1346-1360.

Mammarella, I. C., Pazzaglia, F., & Cornoldi, C. (2008). Evidences for different components in children's visuospatial working memory. *British Journal of Developmental Psychology*, 26, 337-355.

Passolunghi, M. C., Mammarella, I. C. & Altoè, G. M. (2008). Cognitive abilities as precursors of the early acquisition of mathematical skills. *Developmental Neuropsychology*, 33, 229-250.

Cornoldi, C., & Mammarella, I. C. (2008). A comparison of backward and forward spatial spans. *The Quarterly Journal of Experimental Psychology*, 61A, 674-682.

Mammarella, I. C., Cornoldi, C., Pazzaglia, F., Toso, C., Grimoldi, M., & Vio, C. (2006). Evidence for a double dissociation between spatial-simultaneous and spatial-sequential working memory in visuospatial (Nonverbal) learning disabled children. *Brain & Cognition*, 62, 58-67.

Borella, E., Carretti, B., & Mammarella, I. C. (2006). Do working memory and susceptibility to interference predict individual differences in fluid intelligence? *European Journal of Cognitive Psychology*, 18, 51-69.

Mammarella, I. C., & Cornoldi, C. (2005). Sequence and space. The critical role of a backward spatial span in the working memory deficit of visuo-spatial learning disabled children. *Cognitive Neuropsychology*, 22, 1055-1068.

Mammarella, I. C., & Cornoldi, C. (2005). Difficulties in the control of irrelevant visuo-spatial information in children with visuo-spatial learning difficulties. *Acta Psychologica*. 118, 211-228.

Nazionali / Italian journals

Ferrara, R., Lipparini, S., & Mammarella, I. C. (2012). Criteri diagnostici del disturbo dell'apprendimento non-verbale: Una rassegna della letteratura. *Psicologia Clinica dello Sviluppo*, 16, 267-291.

Caviola, S., Toso, C., & Mammarella, I. C. (2011). Risultati di un training sulla memoria di lavoro visiva. Studio di un caso singolo. *Psicologia Clinica dello Sviluppo*, 15, 679-700.

Passolunghi, M. C., Mammarella, I. C. & Del Torre, E. (2011). Influenza della memoria di lavoro visiva e spaziale sull'abilità di soluzione dei problemi aritmetici. *Psicologia Clinica dello Sviluppo*, 15, 503-526.

Giofrè, D., Mammarella, I. C., & Lucangeli, D. (2009). L'apprendimento della geometria in bambini dai 4 ai 6 anni. *Difficoltà in Matematica*, 5, 155-173.

Mammarella, I. C., Caviola, S., & Lucangeli, D. (2008). Memoria di lavoro visuospatiale ed abilità di calcolo: Quale relazione? *Difficoltà in Matematica*, 4, 149-161.

Mammarella, I. C. (2008). La memoria di lavoro visuo-spaziale: Una rassegna di studi recenti. *Giornale Italiano di Psicologia*, 35, 507-538.

Zaccaria, S., & Mammarella, I. C. (2007). Disturbo da deficit di attenzione/iperattività: Elaborazione ed inibizione di informazioni in memoria di lavoro visuo-spaziale. *Psicologia Clinica dello Sviluppo*, 11, 93-108.

Capitoli e Monografie / Chapters and Books

Mammarella, I. C., Todeschini, M., Englaro, G., Lucangeli, D., & Cornoldi, C. (2012). *Geometria Test. Prove di valutazione per la scuola primaria e secondaria di primo grado*. Trento: Erickson.

Cornoldi, C., & Mammarella, I. C. (2011). The organisation of Visuospatial Working Memory: Evidence from the study of developmental disorders. In A. Vandierendonck and A. Szmalec (Eds). *Spatial Working Memory* (pp.102-121).Hove, UK: Psychology Press.

Mammarella, I. C., Toso, C., & Caviola, S. (2010). *Memoria di lavoro visuospaziale: Attività per il recupero ed il potenziamento*. Trento: Erickson.

Lucangeli, D., & Mammarella, I. C. (a cura di) (2010). *Psicologia della Cognizione Numerica: Approcci Teorici, Valutazione ed Intervento*. Milano: Franco Angeli. ISBN: 978 88 568 2462 9

Lucangeli, D., Mammarella, I. C., Todeschini, M., Miele, G., & Cornoldi, C. (2009). *Conosco le forme: Valutare e potenziare l'apprendimento della geometria dai 4 ai 6 anni*. Firenze: Giunti Scuola.

Fastame, M. C., Mammarella, I. C., Carretti, B., & Meneghetti, C. (2009). The Continuous Architecture of Working Memory: Evidence from Learning Disabilities and Genetic Syndromes. In N. B. Johansen (Ed.). *New Research on Short-Term Memory*. Nova Science Publishers: Hauppauge, NY.

Cornoldi, C., De Beni, R., & Mammarella, I. C. (2008). Mental Imagery (pp. 103-123). In E. Roediger III (Ed.). *Learning and Memory: A comprehensive Reference. – Vol. 2. Cognitive Psychology of Memory*. (J. Byrne Editor), pp. 103-124 Oxford: Elsevier.

Mammarella, I. C., Toso, C., Pazzaglia, F., & Cornoldi, C. (2008). *BVS-Corsi: Batteria per la valutazione della memoria visiva e spaziale*. Trento: Erickson.

Mammarella, I. C., Pazzaglia, F., & Cornoldi, C. (2007). Il disturbo dell'apprendimento Non-verbale (visuospaziale). (pp. 121-141). In C. Cornoldi. *Difficoltà e Disturbi dell'Apprendimento*. Bologna: Il Mulino.

Mammarella, I. C., Pazzaglia, F., & Cornoldi, C., (2006). The assessment of imagery and spatial function in children and adults. In T. Vecchi & G. Bottini (Eds.), *Imagery and spatial cognition: Methods, models and clinical assessment* (pp. 15-38). John Benjamins Publishers: Amsterdam and Philadelphia, The Netherlands/USA.