

Barbara Carretti

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

3,430
citations

136740

32
h-index

155451

55
g-index

89
all docs

89
docs citations

89
times ranked

2827
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Role of working memory in explaining the performance of individuals with specific reading comprehension difficulties: A meta-analysis. <i>Learning and Individual Differences</i> , 2009, 19, 246-251. | 1.5 | 318 |
| 2 | The Specific Role of Inhibition in Reading Comprehension in Good and Poor Comprehenders. <i>Journal of Learning Disabilities</i> , 2010, 43, 541-552. | 1.5 | 260 |
| 3 | Working memory training in older adults: Evidence of transfer and maintenance effects.. <i>Psychology and Aging</i> , 2010, 25, 767-778. | 1.4 | 242 |
| 4 | Working memory and inhibition across the adult life-span. <i>Acta Psychologica</i> , 2008, 128, 33-44. | 0.7 | 214 |
| 5 | Updating in working memory: A comparison of good and poor comprehenders. <i>Journal of Experimental Child Psychology</i> , 2005, 91, 45-66. | 0.7 | 135 |
| 6 | Musicians have better memory than nonmusicians: A meta-analysis. <i>PLoS ONE</i> , 2017, 12, e0186773. | 1.1 | 110 |
| 7 | Does Strategic Memory Training Improve the Working Memory Performance of Younger and Older Adults?. <i>Experimental Psychology</i> , 2007, 54, 311-320. | 0.3 | 100 |
| 8 | Working Memory Training in Old Age: An Examination of Transfer and Maintenance Effects. <i>Archives of Clinical Neuropsychology</i> , 2013, 28, 331-347. | 0.3 | 82 |
| 9 | A specific deficit in visuospatial simultaneous working memory in Down syndrome. <i>Journal of Intellectual Disability Research</i> , 2009, 53, 474-483. | 1.2 | 81 |
| 10 | Gains in language comprehension relating to working memory training in healthy older adults. <i>International Journal of Geriatric Psychiatry</i> , 2013, 28, 539-546. | 1.3 | 77 |
| 11 | Benefits of training visuospatial working memory in youngâ€œold and oldâ€œold.. <i>Developmental Psychology</i> , 2014, 50, 714-727. | 1.2 | 76 |
| 12 | Improving reading comprehension in reading and listening settings: The effect of two training programmes focusing on metacognition and working memory. <i>British Journal of Educational Psychology</i> , 2014, 84, 194-210. | 1.6 | 73 |
| 13 | Reading Comprehension in Aging: The Role of Working Memory and Metacomprehension. <i>Aging, Neuropsychology, and Cognition</i> , 2007, 14, 189-212. | 0.7 | 72 |
| 14 | Working Memory Training for Healthy Older Adults: The Role of Individual Characteristics in Explaining Short- and Long-Term Gains. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 99. | 1.0 | 67 |
| 15 | Improving problem solving in primary school students: The effect of a training programme focusing on metacognition and working memory. <i>British Journal of Educational Psychology</i> , 2015, 85, 424-439. | 1.6 | 66 |
| 16 | Inhibitory mechanisms in Down syndrome: Is there a specific or general deficit?. <i>Research in Developmental Disabilities</i> , 2013, 34, 65-71. | 1.2 | 61 |
| 17 | Difficulties in working memory updating in individuals with intellectual disability. <i>Journal of Intellectual Disability Research</i> , 2010, 54, 337-345. | 1.2 | 60 |
| 18 | Benefits of training working memory in amnesic mild cognitive impairment: specific and transfer effects. <i>International Psychogeriatrics</i> , 2013, 25, 617-626. | 0.6 | 59 |

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|----|---|-----|-----------|
| 19 | Developmental Language Disorder: Early Predictors, Age for the Diagnosis, and Diagnostic Tools. A Scoping Review. <i>Brain Sciences</i> , 2021, 11, 654. | 1.1 | 55 |
| 20 | Examining an emotion enhancement effect in working memory: Evidence from age-related differences. <i>Neuropsychological Rehabilitation</i> , 2013, 23, 416-428. | 1.0 | 54 |
| 21 | Components of reading comprehension and scholastic achievement. <i>Learning and Individual Differences</i> , 2006, 16, 291-301. | 1.5 | 53 |
| 22 | Benefits in tasks related to everyday life competences after a working memory training in older adults. <i>International Journal of Geriatric Psychiatry</i> , 2017, 32, 86-93. | 1.3 | 51 |
| 23 | What Happens to Information to be Suppressed in Working Memory Tasks? Short and Long Term Effects. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2004, 57, 1059-1084. | 2.3 | 47 |
| 24 | Spatial-simultaneous and spatial-sequential working memory in individuals with Down syndrome: The effect of configuration. <i>Research in Developmental Disabilities</i> , 2013, 34, 669-675. | 1.2 | 47 |
| 25 | Impact of metacognition and motivation on the efficacy of strategic memory training in older adults: Analysis of specific, transfer and maintenance effects. <i>Archives of Gerontology and Geriatrics</i> , 2011, 52, e192-e197. | 1.4 | 46 |
| 26 | The Working Memory of Musicians and Nonmusicians. <i>Music Perception</i> , 2016, 34, 183-191. | 0.5 | 46 |
| 27 | Interplay between memory and executive functions in normal and pathological aging. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2008, 30, 723-733. | 0.8 | 44 |
| 28 | The role of working memory and updating in Coloured Raven Matrices performance in typically developing children. <i>European Journal of Cognitive Psychology</i> , 2010, 22, 1010-1020. | 1.3 | 42 |
| 29 | The effect of configuration on VSWM performance of Down syndrome individuals. <i>Journal of Intellectual Disability Research</i> , 2010, 54, 1058-1066. | 1.2 | 40 |
| 30 | Magnitude Representation and Working Memory Updating in Children With Arithmetic and Reading Comprehension Disabilities. <i>Journal of Learning Disabilities</i> , 2015, 48, 658-668. | 1.5 | 37 |
| 31 | Working memory, control of interference and everyday experience of thought interference: when age makes the difference. <i>Aging Clinical and Experimental Research</i> , 2007, 19, 200-206. | 1.4 | 36 |
| 32 | Do working memory and susceptibility to interference predict individual differences in fluid intelligence?. <i>European Journal of Cognitive Psychology</i> , 2006, 18, 51-69. | 1.3 | 34 |
| 33 | Oral and Written Expression in Children With Reading Comprehension Difficulties. <i>Journal of Learning Disabilities</i> , 2016, 49, 65-76. | 1.5 | 32 |
| 34 | Training working memory in older adults: Is there an advantage of using strategies?. <i>Psychology and Aging</i> , 2017, 32, 178-191. | 1.4 | 31 |
| 35 | Which factors influence number updating in working memory? The effects of size distance and suppression. <i>British Journal of Psychology</i> , 2007, 98, 45-60. | 1.2 | 29 |
| 36 | The efficacy of a multifactorial memory training in older adults living in residential care settings. <i>International Psychogeriatrics</i> , 2013, 25, 1885-1897. | 0.6 | 25 |

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|----|---|-----|-----------|
| 37 | Nearest transfer effects of working memory training: A comparison of two programs focused on working memory updating. <i>PLoS ONE</i> , 2019, 14, e0211321. | 1.1 | 25 |
| 38 | Reading Comprehension and Expressive Writing. <i>Journal of Learning Disabilities</i> , 2013, 46, 87-96. | 1.5 | 23 |
| 39 | The Role of Inhibition in Conceptual Learning from Refutation and Standard Expository Texts. <i>International Journal of Science and Mathematics Education</i> , 2019, 17, 483-501. | 1.5 | 23 |
| 40 | Is there an affective working memory deficit in patients with chronic schizophrenia?. <i>Schizophrenia Research</i> , 2012, 138, 99-101. | 1.1 | 22 |
| 41 | Is working memory training in older adults sensitive to music?. <i>Psychological Research</i> , 2019, 83, 1107-1123. | 1.0 | 22 |
| 42 | Remembering the past and imagining the future: age-related differences between young, young-old and old-old. <i>Aging Clinical and Experimental Research</i> , 2013, 25, 89-97. | 1.4 | 21 |
| 43 | Improving spatial-simultaneous working memory in Down syndrome: effect of a training program led by parents instead of an expert. <i>Frontiers in Psychology</i> , 2015, 6, 1265. | 1.1 | 20 |
| 44 | Mental rotation ability and everyday-life spatial activities in individuals with Down syndrome. <i>Research in Developmental Disabilities</i> , 2018, 72, 33-41. | 1.2 | 20 |
| 45 | Spatial-Sequential and Spatial-Simultaneous Working Memory in Individuals With Williams Syndrome. <i>American Journal on Intellectual and Developmental Disabilities</i> , 2015, 120, 193-202. | 0.8 | 18 |
| 46 | Spatial-simultaneous working memory and selective interference in Down syndrome. <i>Child Neuropsychology</i> , 2015, 21, 481-489. | 0.8 | 18 |
| 47 | Episodic future thinking: the role of working memory and inhibition on age-related differences. <i>Aging Clinical and Experimental Research</i> , 2016, 28, 109-119. | 1.4 | 18 |
| 48 | Characterizing cognitive inhibitory deficits in mild cognitive impairment. <i>Psychiatry Research</i> , 2017, 251, 342-348. | 1.7 | 17 |
| 49 | Environment learning from virtual exploration in individuals with down syndrome: the role of perspective and sketch maps. <i>Journal of Intellectual Disability Research</i> , 2018, 62, 30-40. | 1.2 | 15 |
| 50 | Exploring spatial working memory performance in individuals with Williams syndrome: The effect of presentation format and configuration. <i>Research in Developmental Disabilities</i> , 2015, 37, 37-44. | 1.2 | 14 |
| 51 | Visuo-spatial knowledge acquisition in individuals with Down syndrome: The role of descriptions and sketch maps. <i>Research in Developmental Disabilities</i> , 2017, 63, 46-58. | 1.2 | 14 |
| 52 | Dyslexia treatment studies: A systematic review and suggestions on testing treatment efficacy with small effects and small samples. <i>Behavior Research Methods</i> , 2021, 53, 1954-1972. | 2.3 | 14 |
| 53 | Age differences in proactive interference in verbal and visuospatial working memory. <i>Journal of Cognitive Psychology</i> , 2012, 24, 243-255. | 0.4 | 13 |
| 54 | Training spatial-simultaneous working memory in individuals with Down syndrome. <i>Research in Developmental Disabilities</i> , 2017, 64, 118-129. | 1.2 | 13 |

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|----|---|-----|-----------|
| 55 | Improvements in Reading Comprehension Performance After a Training Program Focusing on Executive Processes of Working Memory. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2017, 1, 268-279. | 0.8 | 12 |
| 56 | The efficacy of a training that combines activities on working memory and metacognition: Transfer and maintenance effects in children with ADHD and typical development. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2019, 41, 1074-1087. | 0.8 | 12 |
| 57 | Improving Everyday Functioning in the Old-Old with Working Memory Training. <i>American Journal of Geriatric Psychiatry</i> , 2019, 27, 975-983. | 0.6 | 12 |
| 58 | Verbal working memory training in older adults: an investigation of dose response. <i>Aging and Mental Health</i> , 2020, 24, 81-91. | 1.5 | 12 |
| 59 | Are age-related differences between young and older adults in an affective working memory test sensitive to the music effects?. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 298. | 1.7 | 10 |
| 60 | Training working memory updating in young adults. <i>Psychological Research</i> , 2018, 82, 535-548. | 1.0 | 10 |
| 61 | Similarity-Based Interference in a Working Memory Numerical Updating Task. <i>Experimental Psychology</i> , 2012, 59, 183-189. | 0.3 | 10 |
| 62 | Learning a second language: Can music aptitude or music training have a role?. <i>Learning and Individual Differences</i> , 2018, 64, 1-7. | 1.5 | 9 |
| 63 | Working Memory Training for Older Adults After Major Surgery: Benefits to Cognitive and Emotional Functioning. <i>American Journal of Geriatric Psychiatry</i> , 2019, 27, 1219-1227. | 0.6 | 9 |
| 64 | The Use of New Technologies for Improving Reading Comprehension. <i>Frontiers in Psychology</i> , 2020, 11, 751. | 1.1 | 8 |
| 65 | Short-term training on working memory updating and metacognition in primary school: The effect on reading comprehension. <i>School Psychology International</i> , 2019, 40, 641-657. | 1.1 | 7 |
| 66 | Text reading speed in a language with a shallow orthography benefits less from comprehension as reading ability matures. <i>British Journal of Educational Psychology</i> , 2020, 90, 91-104. | 1.6 | 7 |
| 67 | Working memory training format in older adults: individual versus group sessions. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 2357-2366. | 1.4 | 7 |
| 68 | How semantic organisation influences primary school children's working memory. <i>Journal of Cognitive Psychology</i> , 2017, 29, 327-336. | 0.4 | 6 |
| 69 | Developmental Trajectories in Spatial Visualization and Mental Rotation in Individuals with Down Syndrome. <i>Brain Sciences</i> , 2021, 11, 610. | 1.1 | 6 |
| 70 | Path Learning in Individuals With Down Syndrome: The Floor Matrix Task and the Role of Individual Visuo-Spatial Measures. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 107. | 1.0 | 5 |
| 71 | Structure of working memory in children from 3 to 8 years old.. <i>Developmental Psychology</i> , 2022, 58, 1687-1701. | 1.2 | 5 |
| 72 | Editorial: Improving Working Memory in Learning and Intellectual Disabilities. <i>Frontiers in Psychology</i> , 2016, 7, 725. | 1.1 | 4 |

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|----|--|-----|-----------|
| 73 | Further evidence of poor comprehendersâ€™ difficulty with expressive writing: Exploring the role of inferences. <i>Research in Developmental Disabilities</i> , 2016, 51-52, 145-152. | 1.2 | 4 |
| 74 | Developmental trajectories of spatialâ€œsequential and spatialâ€œsimultaneous working memory in Down syndrome. <i>Journal of Intellectual Disability Research</i> , 2022, 66, 81-93. | 1.2 | 4 |
| 75 | The working memory of individuals with Down Syndrome. <i>International Review of Research in Developmental Disabilities</i> , 2019, 56, 93-121. | 0.6 | 3 |
| 76 | Environment learning in individuals with Down syndrome. <i>International Review of Research in Developmental Disabilities</i> , 2019, 56, 123-167. | 0.6 | 3 |
| 77 | Spatial description learning in preschoolers: The role of perspective and individual factors. <i>Cognitive Development</i> , 2020, 53, 100841. | 0.7 | 3 |
| 78 | Learning From Refutation and Standard Expository Science Texts: The Contribution of Inhibitory Functions in Relation to Text Type. <i>Discourse Processes</i> , 2020, 57, 921-939. | 1.1 | 3 |
| 79 | Assessing Connective Understanding with Visual and Verbal Tasks. <i>Advances in Intelligent and Soft Computing</i> , 2012, , 19-26. | 0.2 | 3 |
| 80 | Shallow or deep? The impact of orthographic depth on visual processing impairments in developmental dyslexia. <i>Annals of Dyslexia</i> , 2022, 72, 171-196. | 1.2 | 3 |
| 81 | How autobiographical memories can support episodic recall: transfer and maintenance effect of memory training with old-old low-autonomy adults. <i>Aging Clinical and Experimental Research</i> , 2011, 23, 55-59. | 1.4 | 2 |
| 82 | Categorization Working Memory Span Task: Validation study of two Brazilian alternate versions. <i>International Journal of Geriatric Psychiatry</i> , 2018, 33, 652-657. | 1.3 | 2 |
| 83 | Path Learning in Individuals With Down Syndrome: The Challenge of Learning Condition and Cognitive Abilities. <i>Frontiers in Psychology</i> , 2021, 12, 643702. | 1.1 | 2 |
| 84 | Inferring the Performance of Children with Dyslexia from that of the General Population: The Case of Associative Phonological Working Memory. <i>Scientific Studies of Reading</i> , 2022, 26, 47-60. | 1.3 | 2 |
| 85 | The influence of training task stimuli on transfer effects of working memory training in aging. <i>Psychologie Francaise</i> , 2021, 66, 157-171. | 0.2 | 2 |
| 86 | Individuals with Down Syndrome: Editorial. <i>Brain Sciences</i> , 2022, 12, 398. | 1.1 | 2 |
| 87 | Enhancing Reading Comprehension in First Graders: The Effects of Two Training Programs Provided in Listening or Written Modality. <i>International Journal of Educational Methodology</i> , 2021, 7, 187-200. | 0.4 | 1 |
| 88 | Editorial: New Educational Technologies and Their Impact on Students' Well-Being and Inclusion Process. <i>Frontiers in Psychology</i> , 2021, 12, 753471. | 1.1 | 0 |