

Daniela Lucangeli

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,270
citations

304743

22
h-index

243625

44
g-index

51
all docs

51
docs citations

51
times ranked

1492
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Developmental trajectory of number acuity reveals a severe impairment in developmental dyscalculia. <i>Cognition</i> , 2010, 116, 33-41. | 2.2 | 634 |
| 2 | The Development of Automaticity in Accessing Number Magnitude. <i>Journal of Experimental Child Psychology</i> , 2000, 76, 104-122. | 1.4 | 271 |
| 3 | Numerical estimation in preschoolers.. <i>Developmental Psychology</i> , 2010, 46, 545-551. | 1.6 | 211 |
| 4 | Spatial Working Memory and Arithmetic Deficits in Children With Nonverbal Learning Difficulties. <i>Journal of Learning Disabilities</i> , 2010, 43, 455-468. | 2.2 | 82 |
| 5 | The involvement of working memory in children's exact and approximate mental addition. <i>Journal of Experimental Child Psychology</i> , 2012, 112, 141-160. | 1.4 | 72 |
| 6 | The Disturbing Effect of Irrelevant Information on Arithmetic Problem Solving in Inattentive Children. <i>Developmental Neuropsychology</i> , 2002, 21, 73-92. | 1.4 | 66 |
| 7 | Mathematical Difficulties and ADHD. <i>Exceptionality</i> , 2006, 14, 53-62. | 1.5 | 66 |
| 8 | The Proposed Changes for <i>DSM-5</i> for SLD and ADHD. <i>Journal of Learning Disabilities</i> , 2013, 46, 58-72. | 2.2 | 58 |
| 9 | Effectiveness of digital-based interventions for children with mathematical learning difficulties: A meta-analysis. <i>Computers and Education</i> , 2020, 157, 103953. | 8.3 | 58 |
| 10 | Training numerical skills with the adaptive videogame "The Number Race": A randomized controlled trial on preschoolers. <i>Trends in Neuroscience and Education</i> , 2016, 5, 20-29. | 3.1 | 56 |
| 11 | Cognitive and Metacognitive Abilities Involved in the Solution of Mathematical Word Problems: Validation of a Comprehensive Model. <i>Contemporary Educational Psychology</i> , 1998, 23, 257-275. | 2.9 | 51 |
| 12 | Numerical Activities and Information Learned at Home Link to the Exact Numeracy Skills in 5-6 Years-Old Children. <i>Frontiers in Psychology</i> , 2016, 7, 94. | 2.1 | 43 |
| 13 | "To define means to say what you know about things": the development of definitional skills as metalinguistic acquisition. <i>Journal of Child Language</i> , 2006, 33, 71-97. | 1.2 | 41 |
| 14 | Representation of numerical and non-numerical order in children. <i>Cognition</i> , 2012, 124, 304-313. | 2.2 | 41 |
| 15 | Working memory and domain-specific precursors predicting success in learning written subtraction problems. <i>Learning and Individual Differences</i> , 2014, 36, 92-100. | 2.7 | 41 |
| 16 | Which Tasks Best Discriminate between Dyslexic University Students and Controls in a Transparent Language?. <i>Dyslexia</i> , 2011, 17, 227-241. | 1.5 | 36 |
| 17 | The role of cognitive and non-cognitive factors in mathematics achievement: The importance of the quality of the student-teacher relationship in middle school. <i>PLoS ONE</i> , 2020, 15, e0231381. | 2.5 | 35 |
| 18 | Preschool children use space, rather than counting, to infer the numerical magnitude of digits: Evidence for a spatial mapping principle. <i>Cognition</i> , 2017, 158, 56-67. | 2.2 | 34 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Effective strategies for mental and written arithmetic calculation from the third to the fifth grade. <i>Educational Psychology</i> , 2003, 23, 507-520. | 2.7 | 33 |
| 20 | Mental additions and verbal-domain interference in children with developmental dyscalculia. <i>Research in Developmental Disabilities</i> , 2013, 34, 2845-2855. | 2.2 | 31 |
| 21 | Arithmetic Education and Learning Disabilities in Italy. <i>Journal of Learning Disabilities</i> , 2004, 37, 42-49. | 2.2 | 28 |
| 22 | Spontaneous non-verbal counting in toddlers. <i>Developmental Science</i> , 2016, 19, 329-337. | 2.4 | 26 |
| 23 | The knowledge of the preceding number reveals a mature understanding of the number sequence. <i>Cognition</i> , 2020, 194, 104104. | 2.2 | 25 |
| 24 | Varieties of quantity estimation in children.. <i>Developmental Psychology</i> , 2015, 51, 758-770. | 1.6 | 24 |
| 25 | Response to Specific Training for Students With Different Levels of Mathematical Difficulties. <i>Exceptional Children</i> , 2014, 80, 337-352. | 2.2 | 21 |
| 26 | On the Science of Consciousness: Epistemological Reflections and Clinical Implications. <i>Explore: the Journal of Science and Healing</i> , 2017, 13, 163-180. | 1.0 | 21 |
| 27 | Mathematical Difficulties in Nonverbal Learning Disability or Co-Morbid Dyscalculia and Dyslexia. <i>Developmental Neuropsychology</i> , 2013, 38, 418-432. | 1.4 | 20 |
| 28 | Making Sense of Number Words and Arabic Digits: Does Order Count More?. <i>Child Development</i> , 2020, 91, 1456-1470. | 3.0 | 18 |
| 29 | Patterns of Developmental Dyscalculia With or Without Dyslexia. <i>Neurocase</i> , 2007, 13, 217-225. | 0.6 | 13 |
| 30 | Strategy Selection in ADHD Characteristics Children: A Study in Arithmetic. <i>Journal of Attention Disorders</i> , 2019, 23, 87-98. | 2.6 | 13 |
| 31 | Numeracy Skills and Self-Reported Mental Health in People Aging Well. <i>Psychiatric Quarterly</i> , 2019, 90, 629-635. | 2.1 | 11 |
| 32 | Metacognition and errors: the impact of self-regulatory trainings in children with specific learning disabilities. <i>ZDM - International Journal on Mathematics Education</i> , 2019, 51, 577-585. | 2.2 | 11 |
| 33 | Teaching of cursive writing in the first year of primary school: Effect on reading and writing skills. <i>PLoS ONE</i> , 2019, 14, e0209978. | 2.5 | 10 |
| 34 | Spatial and Verbal Routes to Number Comparison in Young Children. <i>Frontiers in Psychology</i> , 2018, 9, 776. | 2.1 | 9 |
| 35 | Analogic and Symbolic Comparison of Numerosity in Preschool Children with Cochlear Implants. <i>Deafness and Education International</i> , 2011, 13, 34-45. | 1.3 | 8 |
| 36 | Mathematical skills in children with pilocytic astrocytoma. <i>Acta Neurochirurgica</i> , 2019, 161, 161-169. | 1.7 | 8 |

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|----|---|-----|-----------|
| 37 | Spatial order relates to the exact numerical magnitude of digits in young children. Journal of Experimental Child Psychology, 2019, 178, 385-404. | 1.4 | 8 |
| 38 | Impairment of simultaneous-spatial working memory in nonverbal (visuospatial) learning disability: A treatment case study. Neuropsychological Rehabilitation, 2009, 19, 761-780. | 1.6 | 6 |
| 39 | The interplay between spatial ordinal knowledge, linearity of number-space mapping, and arithmetic skills. Cognitive Development, 2020, 55, 100915. | 1.3 | 6 |
| 40 | Response to a Specific and Digitally Supported Training at Home for Students With Mathematical Difficulties. Frontiers in Psychology, 2020, 11, 2039. | 2.1 | 6 |
| 41 | Mathematical vs. Reading and Writing Disabilities in Deaf Children: A Pilot Study on the Development of Numerical Knowledge. Advances in Learning and Behavioral Disabilities, 0, , 33-46. | 0.3 | 5 |
| 42 | On the primacy and irreducible nature of first-person versus third-person information. F1000Research, 2017, 6, 99. | 1.6 | 4 |
| 43 | TEXT ANXIETY, PERCEIVED COMPETENCE, AND ACADEMIC ACHIEVEMENT IN SECONDARY SCHOOL STUDENTS. Advances in Learning and Behavioral Disabilities, 0, , 223-230. | 0.3 | 3 |
| 44 | On the primacy and irreducible nature of first-person versus third-person information. F1000Research, 2017, 6, 99. | 1.6 | 3 |
| 45 | Education and Treatment of Calculation Abilities of Low-Achieving Students and Students with Dyscalculia: Whole Class and Individual Implementations. Advances in Learning and Behavioral Disabilities, 0, , 199-223. | 0.3 | 1 |
| 46 | Math disabilities: Italian and U.S. perspectives. Advances in Learning and Behavioral Disabilities, 2008, , 277-308. | 0.3 | 1 |
| 47 | Dr. A.M.â€”A case of a modern mystic? Implications for psychology and medicine.. Spirituality in Clinical Practice, 2019, 6, 44-65. | 1.0 | 1 |
| 48 | The Little Prince: is not a glimpse into the world of autism. Archives of Disease in Childhood, 2018, 103, 405.2-405. | 1.9 | 0 |
| 49 | Dr. A.M. - A Case of a Modern Mystic? Implications for Psychology and Medicine. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 50 | SOS Joy Wanted. Psychiatria Danubina, 2021, 33, 42-43. | 0.4 | 0 |