

Special Issue

Math Development and Cognitive Skills

Message from the Guest Editors

Given the importance of math learning for academic achievement and broader life outcomes, there has been a large amount of research on the development of mathematical knowledge. Yet, many questions remain to be addressed in better understanding how to support mathematical learning across diverse populations over the entire developmental span, and the relation between math-specific and domain-general cognitive skills. While many studies have examined cognitive predictors of math learning, more work is needed to better understand whether and how math learning may contribute to the growth of general cognitive skills. Further, many studies have been designed to improve math skills, but there is still limited evidence regarding the potential heterogeneity of training effects as a function of general cognitive or math-specific skills at the start of training. For both theoretical and practical reasons, it is important to understand what student-level factors may amplify or limit the effects of specific interventions. This Special Issue invites papers that address the outlined issues and other questions regarding math development and cognitive skills across the lifespan.

Guest Editors

Dr. Marina Vasilyeva

Dr. Elida V. Laski

Dr. Linxi Lu

Dr. Beth M. Casey

Deadline for manuscript submissions

15 December 2025



Journal of Intelligence

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 4.7
Indexed in PubMed



mdpi.com/si/238143

Journal of Intelligence
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jintelligence@mdpi.com

[mdpi.com/journal/
jintelligence](https://mdpi.com/journal/jintelligence)





Journal of Intelligence

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 4.7
Indexed in PubMed



[mdpi.com/journal/
jintelligence](https://mdpi.com/journal/jintelligence)



About the Journal

Message from the Editor-in-Chief

The relatively new and ambitious *Journal of Intelligence* is devoted to the study of human intelligence. Intelligence is a fundamental core of being human, with far-ranging implications for all members of our society. Now more than ever, in a world in which most have access to the Internet, information, and misinformation, with reduced face-to-face interactions, understanding how to measure and develop human intelligence is a critical and vital mission. Human intelligence is studied from many different perspectives, for different purposes, and this journal has an open policy with respect to approaches and methodologies. We encourage submissions with the potential to innovate, show alternative perspectives, and highlight the importance of developing and measuring intelligence as well as studies on intelligence that have an impact on our lives.

Editor-in-Chief

Prof. Dr. Con Stough
Centre for Human Psychopharmacology, Swinburne University of
Technology, Hawthorn, VIC 3122, Australia

Author Benefits

High Visibility:

indexed within Scopus, SSCI (Web of Science), PubMed, PMC, PsycInfo, PSYINDEX, and other databases.

Journal Rank:

JCR - Q1 (Psychology, Multidisciplinary) / CiteScore - Q1 (Education)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 30.7 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the first half of 2025).