

LIST OF PUBLICATIONS

PhD dissertation

Paz-Baruch, N. (2014). *Cognitive profiles of generally gifted and excelling in mathematics adolescents: A comparative study*. Faculty of Education, University of Haifa.
Supervisor: Prof. Mark Leikin, Consultant: Prof. Roza Leikin

ARTICLES IN REFEREED JOURNALS

Published

1. Leikin, M, Paz-Baruch, N., & Leikin, R. (2013). Memory abilities in generally gifted and excelling in mathematics adolescents. *Intelligence*, 41(5), 566-578.
2. Paz-Baruch, N., Leikin, M., Aharon-Peretz, J., & Leikin, R. (2014). Speed of information processing in generally gifted and excelling-in-mathematics adolescents. *High Ability Studies*, 25(2), 143-167.
3. Leikin, R., Paz-Baruch, N., & Leikin, M. (2014). Cognitive characteristics of students with superior performance in mathematics. *Journal of Individual Differences*, 35(3), 119-129.
4. Paz-Baruch, N. (2015). Validation study of the questionnaire of educational and learning capital (QELC) in Israel. *Psychological Test and Assessment Modeling*, 57(2), 222-235.
5. Paz-Baruch, N., Leikin, R., & Leikin, M. (2016). Visual processing in generally gifted and mathematically excelling adolescents. *Journal for the Education of the Gifted*, 39(3), 237-258.
6. Leikin, R., Leikin, M., Paz-Baruch, N., Waisman, I., & Lev, M. (2017). On the four types of characteristics of super mathematically gifted students. *High Ability Studies*, 28, 1-19.
7. Paz-Baruch, N. (2017). Educational and learning capital of Israeli students with high achievements in mathematics. *Journal for the Education of the Gifted*, 40 (4), 334-349.
8. Paz-Baruch, N. (2019). Educational and learning capital and intelligence as predictors of academic achievements. *High Ability Studies*, 1-17.
9. Paz-Baruch, N., Leikin, M. & Leikin, R.(accepted for publication). Not just any gifted is an expert in mathematics and not just any expert in mathematics is gifted. *Gifted and Talented International*.
11. Mevarech, Z., & Paz-Baruch, N.(accepted for publication).Meta-creativity: What is it and how does it relate to creativity? *Metacognition and Learning*.

III. PAPERS PRESENTED AT SCIENTIFIC CONFERENCES

International Conferences

Dates	Name of Conference	Place of Conference	Subject of Lecture/Discussion
September, 2012	The 13th European Council of High Ability (ECHA)	University of Munster, Germany	Paz-Baruch, N., Leikin, M., & Leikin, R. General Giftedness and Excellence in Mathematics: Memory Abilities.
September, 2012	The 13th European Council of High Ability (ECHA)	University of Munster, Germany	Leikin, M., Paz-Baruch, N., & Leikin, R. Speed of information processing among gifted and excelling in mathematics adolescents.
February, 2013	The 8th congress of European Research in Mathematics Education (CERME 8).	Antalya, Turkey	Paz-Baruch, N., Leikin, M., & Leikin, R. Memory and speed of processing in general gifted and excelling in mathematics students.
February, 2015	The 9th congress of European Research in Mathematics Education (CERME 9).	Prague, Czech Republic	Paz-Baruch, N., Leikin, M., & Leikin, R. Visual processing and attention abilities of general gifted and excelling in mathematics students
August, 2018	The 16th European Council of High Ability (ECHA)	Dublin, Airland	Paz-Baruch, N. The relations between educational and learning capital, intelligence and academic achievements.
May, 2019	21 st Annual International Conference on Education	Greece, Athens	Paz-Baruch, N. Examining gender gaps in mathematics performance among students from different socioeconomic levels
September, 2021	European Council of High Ability (ECHA)	Online conference	Paz-Baruch, N. Self-regulated learning of gifted students in STEM disciplines: Examining differences between students from diverse socioeconomic levels