Beth M Casey

List of Publications by Year
in descending order

20 papers	1,022 citations	623734 14 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	676 citing authors

#	Article	IF	Citations
1	The Development of Spatial Skills Through Interventions Involving Block Building Activities. Cognition and Instruction, 2008, 26, 269-309.	2.9	244
2	Use of a storytelling context to improve girls' and boys' geometry skills in kindergarten. Journal of Applied Developmental Psychology, 2008, 29, 29-48.	1.7	114
3	The role of spatial training in improving spatial and calculus performance in engineering students. Learning and Individual Differences, 2013, 26, 20-29.	2.7	108
4	Young girlsâ€™ arithmetic and spatial skills: The distal and proximal roles of family socioeconomics and home learning experiences. Early Childhood Research Quarterly, 2012, 27, 458-470.	2.7	98
5	A longitudinal analysis of early spatial skills compared to arithmetic and verbal skills as predictors of fifth-grade girls' math reasoning. Learning and Individual Differences, 2015, 40, 90-100.	2.7	69
6	Storytelling sagas: an effective medium for teaching early childhood mathematics. Early Childhood Research Quarterly, 2004, 19, 167-172.	2.7	68
7	Spatial skills as a predictor of first grade girls' use of higher level arithmetic strategies. Learning and Individual Differences, 2013, 23, 123-130.	2.7	68
8	Maternal Support of Children's Early Numerical Concept Learning Predicts Preschool and Firstâ€Grade Math Achievement. Child Development, 2018, 89, 156-173.	3.0	64
9	Young girlsâ€™ spatial and arithmetic performance: The mediating role of maternal supportive interactions during joint spatial problem solving. Early Childhood Research Quarterly, 2014, 29, 636-648.	2.7	36
10	Girlsâ€™ Spatial Skills and Arithmetic Strategies in First Grade as Predictors of Fifth-Grade Analytical Math Reasoning. Journal of Cognition and Development, 2017, 18, 530-555.	1.3	36
11	Maternal support of young childrenâ€™s planning and spatial concept learning as predictors of later math (and reading) achievement. Early Childhood Research Quarterly, 2017, 41, 114-125.	2.7	27
12	An examination of gender differences in spatial skills and math attitudes in relation to mathematics success: A bio-psycho-social model. Developmental Review, 2021, 60, 100963.	4.7	21
13	Measurement Skills in Low-Income Elementary School Students: Exploring the Nature of Gender Differences. Cognition and Instruction, 2009, 27, 401-428.	2.9	18
14	Quality of fathersâ€™ spatial concept support during block building predicts their daughtersâ€™ early math skills â€“ but not their sonsâ€™. Early Childhood Research Quarterly, 2020, 50, 51-64.	2.7	18
15	Longitudinal Analysis of Associations between 3-D Mental Rotation and Mathematics Reasoning Skills during Middle School: Across and within Genders. Journal of Cognition and Development, 2019, 20, 487-509.	1.3	9
16	Early Maternal Spatial Support for Toddlers and Math Skills in Second Grade. Journal of Cognition and Development, 2020, 21, 282-311.	1.3	9
17	Maternal use of math facts to support girls' math during card play. Journal of Applied Developmental Psychology, 2020, 68, 101136.	1.7	7
18	Socioeconomic Variations in the Frequency of Parent Number Talk: A Meta-Analysis. Education Sciences, 2022, 12, 312.	2.6	5

#	Article	IF	Citations
19	Spatial Reasoning: A Critical Problem-Solving Tool in Childrenâ€™s Mathematics Strategy Tool-Kit. Research in Mathematics Education, 2018, , 47-75.	0.3	3
20	Part II Commentary 1: Mathematics Educatorsâ€™ Perspectives on Spatial Visualization and Mathematical Reasoning. Research in Mathematics Education, 2018, , 341-345.	0.3	0