

# Aryn A Pyke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5935376/publications.pdf>

Version: 2024-02-01

10  
papers

298  
citations

1307594

7  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Developmental and individual differences in understanding of fractions.. <i>Developmental Psychology</i> , 2013, 49, 1994-2004.	1.6	185
2	A computational model of fraction arithmetic.. <i>Psychological Review</i> , 2017, 124, 603-625.	3.8	43
3	Hidden Stages of Cognition Revealed in Patterns of Brain Activation. <i>Psychological Science</i> , 2016, 27, 1215-1226.	3.3	26
4	Calculator use need not undermine direct-access ability: The roles of retrieval, calculation, and calculator use in the acquisition of arithmetic facts.. <i>Journal of Educational Psychology</i> , 2011, 103, 607-616.	2.9	13
5	Dynamically structured holographic memory. <i>Biologically Inspired Cognitive Architectures</i> , 2014, 9, 9-32.	0.9	10
6	Visuospatial referents facilitate the learning and transfer of mathematical operations: Extending the role of the angular gyrus. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 229-250.	2.0	9
7	When math operations have visuospatial meanings versus purely symbolic definitions: Which solving stages and brain regions are affected?. <i>NeuroImage</i> , 2017, 153, 319-335.	4.2	8
8	There Is Nothing So Practical as a Good Theory. <i>Psychology of Learning and Motivation - Advances in Research and Theory</i> , 2011, 55, 171-197.	1.1	3
9	Expediting arithmetic automaticity: Do inefficient computation methods induce spontaneous testing effects?. <i>Journal of Cognitive Psychology</i> , 2019, 31, 104-115.	0.9	1
10	The influence of object size on judgments of lateral separation. <i>Spatial Cognition and Computation</i> , 2016, 16, 1-28.	1.2	0