Maria Dolores De Hevia

List of Publications by Year
in descending order

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44 papers	1,819 citations	394421 19 h-index	276875 41 g-index
45 all docs	45 docs citations	45 times ranked	908 citing authors

#	Article	IF	Citations
1	Space modulates cross-domain transfer of abstract rules in infants. Journal of Experimental Child Psychology, 2022, 213, 105270.	1.4	8
2	Signatures of functional visuospatial asymmetries in early infancy. Journal of Experimental Child Psychology, 2022, 215, 105326.	1.4	1
3	The link between number and action in human infants. Scientific Reports, 2022, 12, 3371.	3.3	5
4	Abstract representations of small sets in newborns. Cognition, 2022, 226, 105184.	2.2	1
5	How the Human Mind Grounds Numerical Quantities on Space. Child Development Perspectives, 2021, 15, 44-50.	3.9	9
6	Can a Single Representational Object Account for Different Number-Space Mappings?. Frontiers in Human Neuroscience, 2021, 15, 750964.	2.0	0
7	Discrimination of ordinal relationships in temporal sequences by 4-month-old infants. Cognition, 2020, 195, 104091.	2.2	5
8	A left visual advantage for quantity processing in neonates. Annals of the New York Academy of Sciences, 2020, 1477, 71-78.	3.8	9
9	Processing number and length in the parietal cortex: Sharing resources, not a common code. Cortex, 2019, 114, 17-27.	2.4	34
10	The association of brightness with number/duration in human newborns. PLoS ONE, 2019, 14, e0223192.	2.5	6
11	Operational momentum for magnitude ordering in preschool children and adults. Journal of Experimental Child Psychology, 2019, 179, 260-275.	1.4	3
12	From Innate Spatial Biases to Enculturated Spatial Cognition: The Case of Spatial Associations in Number and Other Sequences. Frontiers in Psychology, 2018, 9, 415.	2.1	14
13	Infantsâ€™ detection of increasing numerical order comes before detection of decreasing number. Cognition, 2017, 158, 177-188.	2.2	20
14	Infants learn better from left to right: a directional bias in infantsâ€™ sequence learning. Scientific Reports, 2017, 7, 2437.	3.3	33
15	Perceiving numerosity from birth. Behavioral and Brain Sciences, 2017, 40, e169.	0.7	15
16	At Birth, Humans Associate â€œFewâ€•with Left and â€œManyâ€•with Right. Current Biology, 2017, 27, 3879-3884.e2.	3.9	71
17	Number-space associations without language: Evidence from preverbal human infants and non-human animal species. Psychonomic Bulletin and Review, 2017, 24, 352-369.	2.8	54
18	The Temporal Dimensions in the First Year of Life. Timing and Time Perception, 2017, 5, 280-296.	0.6	6

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19	Operational momentum during ordering operations for size and number in 4-month-old infants. Journal of Numerical Cognition, 2017, 3, 270-287.	1.2	6
20	Comparing magnitudes across dimensions: a univariate and multivariate approach. , 2016, , .		1
21	Operational momentum and size ordering in preverbal infants. Psychological Research, 2016, 80, 360-367.	1.7	13
22	Core mathematical abilities in infants. Progress in Brain Research, 2016, 227, 53-74.	1.4	13
23	Small on the left, large on the right: numbers orient visual attention onto space in preverbal infants. Developmental Science, 2016, 19, 394-401.	2.4	99
24	Link Between Numbers and Spatial Extent From Birth to Adulthood. , 2016, , 37-58.		3
25	Crossmodal Discrimination of 2 vs. 4 Objects across Touch and Vision in 5-Month-Old Infants. PLoS ONE, 2015, 10, e0120868.	2.5	8
26	Human Infants' Preference for Left-to-Right Oriented Increasing Numerical Sequences. PLoS ONE, 2014, 9, e96412.	2.5	106
27	Representations of space, time, and number in neonates. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4809-4813.	7.1	241
28	Manual lateralization in infancy. Frontiers in Psychology, 2014, 5, 1575.	2.1	6
29	Are Numbers, Size and Brightness Equally Efficient in Orienting Visual Attention? Evidence from an Eye-Tracking Study. PLoS ONE, 2014, 9, e99499.	2.5	28
30	What do We Know about Neonatal Cognition?. Behavioral Sciences (Basel, Switzerland), 2013, 3, 154-169.	2.1	30
31	The role of numerical magnitude and order in the illusory perception of size and brightness. Frontiers in Psychology, 2013, 4, 484.	2.1	17
32	Not All Continuous Dimensions Map Equally: Number-Brightness Mapping in Human Infants. PLoS ONE, 2013, 8, e81241.	2.5	18
33	Minds without language represent number through space: origins of the mental number line. Frontiers in Psychology, 2012, 3, 466.	2.1	54
34	Increasing magnitude counts more: Asymmetrical processing of ordinality in 4-month-old infants. Cognition, 2012, 124, 183-193.	2.2	31
35	Cross-Dimensional Mapping of Number, Length and Brightness by Preschool Children. PLoS ONE, 2012, 7, e35530.	2.5	34
36	Finding the spatial-numerical association of response codes (SNARC) in signed numbers: notational effects in accessing number representation. Functional Neurology, 2012, 27, 177-85.	1.3	5

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37	Sensitivity to number: Reply to Gebuis and Gevers. Cognition, 2011, 121, 253-255.	2.2	19
38	Placing order in space: the SNARC effect in serial learning. Experimental Brain Research, 2010, 201, 599-605.	1.5	87
39	Numbers can move our hands: a spatial representation effect in digits handwriting. Experimental Brain Research, 2010, 205, 479-487.	1.5	17
40	Number-Space Mapping in Human Infants. Psychological Science, 2010, 21, 653-660.	3.3	247
41	Seven-month-olds detect ordinal numerical relationships within temporal sequences. Journal of Experimental Child Psychology, 2010, 107, 359-367.	1.4	34
42	Spontaneous mapping of number and space in adults and young children. Cognition, 2009, 110, 198-207.	2.2	182
43	Visualizing numbers in the mind's eye: The role of visuo-spatial processes in numerical abilities. Neuroscience and Biobehavioral Reviews, 2008, 32, 1361-1372.	6.1	114
44	Numbers and space: a cognitive illusion?. Experimental Brain Research, 2006, 168, 254-264.	1.5	112