

Maria Dolores De Hevia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3111374/publications.pdf>

Version: 2024-02-01

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	Number-Space Mapping in Human Infants. <i>Psychological Science</i> , 2010, 21, 653-660.	3.3	247
2	Representations of space, time, and number in neonates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4809-4813.	7.1	241
3	Spontaneous mapping of number and space in adults and young children. <i>Cognition</i> , 2009, 110, 198-207.	2.2	182
4	Visualizing numbers in the mind's eye: The role of visuo-spatial processes in numerical abilities. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 1361-1372.	6.1	114
5	Numbers and space: a cognitive illusion?. <i>Experimental Brain Research</i> , 2006, 168, 254-264.	1.5	112
6	Human Infants' Preference for Left-to-Right Oriented Increasing Numerical Sequences. <i>PLoS ONE</i> , 2014, 9, e96412.	2.5	106
7	Small on the left, large on the right: numbers orient visual attention onto space in preverbal infants. <i>Developmental Science</i> , 2016, 19, 394-401.	2.4	99
8	Placing order in space: the SNARC effect in serial learning. <i>Experimental Brain Research</i> , 2010, 201, 599-605.	1.5	87
9	At Birth, Humans Associate "Few" with Left and "Many" with Right. <i>Current Biology</i> , 2017, 27, 3879-3884.e2.	3.9	71
10	Minds without language represent number through space: origins of the mental number line. <i>Frontiers in Psychology</i> , 2012, 3, 466.	2.1	54
11	Number-space associations without language: Evidence from preverbal human infants and non-human animal species. <i>Psychonomic Bulletin and Review</i> , 2017, 24, 352-369.	2.8	54
12	Seven-month-olds detect ordinal numerical relationships within temporal sequences. <i>Journal of Experimental Child Psychology</i> , 2010, 107, 359-367.	1.4	34
13	Processing number and length in the parietal cortex: Sharing resources, not a common code. <i>Cortex</i> , 2019, 114, 17-27.	2.4	34
14	Cross-Dimensional Mapping of Number, Length and Brightness by Preschool Children. <i>PLoS ONE</i> , 2012, 7, e35530.	2.5	34
15	Infants learn better from left to right: a directional bias in infants'™ sequence learning. <i>Scientific Reports</i> , 2017, 7, 2437.	3.3	33
16	Increasing magnitude counts more: Asymmetrical processing of ordinality in 4-month-old infants. <i>Cognition</i> , 2012, 124, 183-193.	2.2	31
17	What do We Know about Neonatal Cognition?. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2013, 3, 154-169.	2.1	30
18	Are Numbers, Size and Brightness Equally Efficient in Orienting Visual Attention? Evidence from an Eye-Tracking Study. <i>PLoS ONE</i> , 2014, 9, e99499.	2.5	28

#	ARTICLE	IF	CITATIONS
19	Infants'™ detection of increasing numerical order comes before detection of decreasing number. <i>Cognition</i> , 2017, 158, 177-188.	2.2	20
20	Sensitivity to number: Reply to Gebuis and Gevers. <i>Cognition</i> , 2011, 121, 253-255.	2.2	19
21	Not All Continuous Dimensions Map Equally: Number-Brightness Mapping in Human Infants. <i>PLoS ONE</i> , 2013, 8, e81241.	2.5	18
22	Numbers can move our hands: a spatial representation effect in digits handwriting. <i>Experimental Brain Research</i> , 2010, 205, 479-487.	1.5	17
23	The role of numerical magnitude and order in the illusory perception of size and brightness. <i>Frontiers in Psychology</i> , 2013, 4, 484.	2.1	17
24	Perceiving numerosity from birth. <i>Behavioral and Brain Sciences</i> , 2017, 40, e169.	0.7	15
25	From Innate Spatial Biases to Enculturated Spatial Cognition: The Case of Spatial Associations in Number and Other Sequences. <i>Frontiers in Psychology</i> , 2018, 9, 415.	2.1	14
26	Operational momentum and size ordering in preverbal infants. <i>Psychological Research</i> , 2016, 80, 360-367.	1.7	13
27	Core mathematical abilities in infants. <i>Progress in Brain Research</i> , 2016, 227, 53-74.	1.4	13
28	A left visual advantage for quantity processing in neonates. <i>Annals of the New York Academy of Sciences</i> , 2020, 1477, 71-78.	3.8	9
29	How the Human Mind Grounds Numerical Quantities on Space. <i>Child Development Perspectives</i> , 2021, 15, 44-50.	3.9	9
30	Crossmodal Discrimination of 2 vs. 4 Objects across Touch and Vision in 5-Month-Old Infants. <i>PLoS ONE</i> , 2015, 10, e0120868.	2.5	8
31	Space modulates cross-domain transfer of abstract rules in infants. <i>Journal of Experimental Child Psychology</i> , 2022, 213, 105270.	1.4	8
32	Manual lateralization in infancy. <i>Frontiers in Psychology</i> , 2014, 5, 1575.	2.1	6
33	The Temporal Dimensions in the First Year of Life. <i>Timing and Time Perception</i> , 2017, 5, 280-296.	0.6	6
34	The association of brightness with number/duration in human newborns. <i>PLoS ONE</i> , 2019, 14, e0223192.	2.5	6
35	Operational momentum during ordering operations for size and number in 4-month-old infants. <i>Journal of Numerical Cognition</i> , 2017, 3, 270-287.	1.2	6
36	Discrimination of ordinal relationships in temporal sequences by 4-month-old infants. <i>Cognition</i> , 2020, 195, 104091.	2.2	5

#	ARTICLE	IF	CITATIONS
37	Finding the spatial-numerical association of response codes (SNARC) in signed numbers: notational effects in accessing number representation. <i>Functional Neurology</i> , 2012, 27, 177-85.	1.3	5
38	The link between number and action in human infants. <i>Scientific Reports</i> , 2022, 12, 3371.	3.3	5
39	Operational momentum for magnitude ordering in preschool children and adults. <i>Journal of Experimental Child Psychology</i> , 2019, 179, 260-275.	1.4	3
40	Link Between Numbers and Spatial Extent From Birth to Adulthood. , 2016, , 37-58.		3
41	Comparing magnitudes across dimensions: a univariate and multivariate approach. , 2016, , .		1
42	Signatures of functional visuospatial asymmetries in early infancy. <i>Journal of Experimental Child Psychology</i> , 2022, 215, 105326.	1.4	1
43	Abstract representations of small sets in newborns. <i>Cognition</i> , 2022, 226, 105184.	2.2	1
44	Can a Single Representational Object Account for Different Number-Space Mappings?. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 750964.	2.0	0