

Nora S Newcombe

List of Publications by Year in descending order

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195
papers

13,205
citations

23500

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all docs

203
docs citations

203
times ranked

5515
citing authors

#	ARTICLE	IF	CITATIONS
1	The malleability of spatial skills: A meta-analysis of training studies.. Psychological Bulletin, 2013, 139, 352-402.	5.5	1,171
2	Is there a geometric module for spatial orientation? squaring theory and evidence. Psychonomic Bulletin and Review, 2005, 12, 1-23.	1.4	519
3	The role of experience in spatial test performance: A meta-analysis. Sex Roles, 1989, 20, 327-344.	1.4	436
4	Toddlers' Use of Metric Information and Landmarks to Reorient. Journal of Experimental Child Psychology, 2001, 80, 225-244.	0.7	276
5	Socioeconomic Status Modifies the Sex Difference in Spatial Skill. Psychological Science, 2005, 16, 841-845.	1.8	264
6	Children's Use of Landmarks: Implications for Modularity Theory. Psychological Science, 2002, 13, 337-341.	1.8	255
7	Durable and generalized effects of spatial experience on mental rotation: gender differences in growth patterns. Applied Cognitive Psychology, 2008, 22, 996-1013.	0.9	252
8	The development of spatial location coding: Place learning and dead reckoning in the second and third years. Cognitive Development, 1998, 13, 185-200.	0.7	248
9	Making Space. , 2000, , .		246
10	How Important Is the Digital Divide? The Relation of Computer and Videogame Usage to Gender Differences in Mental Rotation Ability. Sex Roles, 2005, 53, 433-441.	1.4	226
11	Deconstructing Building Blocks: Preschoolers' Spatial Assembly Performance Relates to Early Mathematical Skills. Child Development, 2014, 85, 1062-1076.	1.7	224
12	Taking Shape: Supporting Preschoolers' Acquisition of Geometric Knowledge Through Guided Play. Child Development, 2013, 84, 1872-1878.	1.7	203
13	Developmental changes in source memory. Developmental Science, 2002, 5, 502-513.	1.3	200
14	Sex differences in spatial ability and spatial activities. Sex Roles, 1983, 9, 377-386.	1.4	195
15	Exploring and Enhancing Spatial Thinking. Current Directions in Psychological Science, 2013, 22, 367-373.	2.8	193
16	Early Education for Spatial Intelligence: Why, What, and How. Mind, Brain, and Education, 2010, 4, 102-111.	0.9	191
17	Building Blocks for Developing Spatial Skills: Evidence From a Large, Representative U.S. Sample. Psychological Science, 2015, 26, 302-310.	1.8	190
18	Training generalized spatial skills. Psychonomic Bulletin and Review, 2008, 15, 763-771.	1.4	179

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19	Hippocampal size predicts rapid learning of a cognitive map in humans. <i>Hippocampus</i> , 2013, 23, 515-528.	0.9	176
20	Variations in cognitive maps: Understanding individual differences in navigation.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2014, 40, 669-682.	0.7	172
21	Turn Left at the Church, Or Three Miles North. <i>Environment and Behavior</i> , 1986, 18, 192-213.	2.1	170
22	25Âyears of research on the use of geometry in spatial reorientation: a current theoretical perspective. <i>Psychonomic Bulletin and Review</i> , 2013, 20, 1033-1054.	1.4	158
23	Environmental input to the development of sex-related differences in spatial and mathematical ability. <i>Learning and Individual Differences</i> , 1995, 7, 363-379.	1.5	154
24	How do (some) people make a cognitive map? Routes, places, and working memory.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2016, 42, 768-785.	0.7	154
25	Thinking About Spatial Thinking: New Typology, New Assessments. , 2015, , 179-192.		151
26	Improving Methodological Standards in Behavioral Interventions for Cognitive Enhancement. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2019, 3, 2-29.	0.8	149
27	Spatial Scaling in Young Children. <i>Psychological Science</i> , 1999, 10, 393-398.	1.8	146
28	Block Talk: Spatial Language During Block Play. <i>Mind, Brain, and Education</i> , 2011, 5, 143-151.	0.9	146
29	Binding, relational memory, and recall of naturalistic events: A developmental perspective.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2006, 32, 89-100.	0.7	143
30	Reorienting When Cues Conflict. <i>Psychological Science</i> , 2008, 19, 1301-1307.	1.8	142
31	Children's early ability to solve perspective-taking problems.. <i>Developmental Psychology</i> , 1992, 28, 635-643.	1.2	135
32	Why size counts: children's spatial reorientation in large and small enclosures. <i>Developmental Science</i> , 2008, 11, 414-426.	1.3	135
33	Development of mental rotation in 3- to 5-year-old children. <i>Cognitive Development</i> , 2013, 28, 386-399.	0.7	120
34	Development of mental transformation abilities. <i>Trends in Cognitive Sciences</i> , 2014, 18, 536-542.	4.0	120
35	Barrier effects in the cognitive maps of children and adults. <i>Journal of Experimental Child Psychology</i> , 1982, 34, 46-58.	0.7	118
36	Structuring Knowledge with Cognitive Maps and Cognitive Graphs. <i>Trends in Cognitive Sciences</i> , 2021, 25, 37-54.	4.0	114

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37	DEVELOPMENT OF EPISODIC AND AUTOBIOGRAPHICAL MEMORY: A COGNITIVE NEUROSCIENCE PERSPECTIVE. <i>Advances in Child Development and Behavior</i> , 2007, 35, 37-85.	0.7	112
38	The Nativist-Empiricist Controversy in the Context of Recent Research on Spatial and Quantitative Development. <i>Psychological Science</i> , 2002, 13, 395-401.	1.8	110
39	Infants's coding of location in continuous space. , 1999, 22, 483-510.		109
40	Finding the missing piece: Blocks, puzzles, and shapes fuel school readiness. <i>Trends in Neuroscience and Education</i> , 2014, 3, 7-13.	1.5	109
41	A meta-analysis of sex differences in human navigation skills. <i>Psychonomic Bulletin and Review</i> , 2019, 26, 1503-1528.	1.4	108
42	Hippocampal Maturation Drives Memory from Generalization to Specificity. <i>Trends in Cognitive Sciences</i> , 2018, 22, 676-686.	4.0	102
43	Spatial abilities, sex differences and EEG functioning. <i>Neuropsychologia</i> , 1981, 19, 719-722.	0.7	97
44	Knowing Where Things Are in the Second Year of Life: Implications for Hippocampal Development. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 1443-1451.	1.1	97
45	Memory Binding in Early Childhood: Evidence for a Retrieval Deficit. <i>Child Development</i> , 2009, 80, 1321-1328.	1.7	95
46	Picturing perspectives: development of perspective-taking abilities in 4- to 8-year-olds. <i>Frontiers in Psychology</i> , 2014, 5, 386.	1.1	92
47	Using a touch screen paradigm to assess the development of mental rotation between 3½ and 5½ years of age. <i>Cognitive Processing</i> , 2013, 14, 117-127.	0.7	86
48	Thinking about quantity: the intertwined development of spatial and numerical cognition. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2015, 6, 491-505.	1.4	84
49	Talking Shape: Parental Language With Electronic Versus Traditional Shape Sorters. <i>Mind, Brain, and Education</i> , 2015, 9, 136-144.	0.9	82
50	Is language necessary for human spatial reorientation? Reconsidering evidence from dual task paradigms. <i>Cognitive Psychology</i> , 2008, 56, 142-163.	0.9	76
51	Understanding spatial transformations: similarities and differences between mental rotation and mental folding. <i>Cognitive Processing</i> , 2013, 14, 105-115.	0.7	74
52	Effects of speech style and sex of speaker on person perception.. <i>Journal of Personality and Social Psychology</i> , 1979, 37, 1293-1303.	2.6	72
53	An adaptive cue combination model of human spatial reorientation. <i>Cognition</i> , 2017, 163, 56-66.	1.1	72
54	Charting the development of cognitive mapping. <i>Journal of Experimental Child Psychology</i> , 2018, 170, 86-106.	0.7	72

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55	Finding Where and Saying Where: Developmental Relationships Between Place Learning and Language in the First Year. <i>Journal of Cognition and Development</i> , 2011, 12, 315-331.	0.6	67
56	Psychology's role in mathematics and science education.. <i>American Psychologist</i> , 2009, 64, 538-550.	3.8	66
57	Five Reasons to Doubt the Existence of a Geometric Module. <i>Cognitive Science</i> , 2010, 34, 1315-1356.	0.8	66
58	Malleability in the development of spatial reorientation. <i>Developmental Psychobiology</i> , 2013, 55, 243-255.	0.9	65
59	Effect of age at puberty on spatial ability in girls: A question of mechanism.. <i>Developmental Psychology</i> , 1983, 19, 215-224.	1.2	64
60	Changes in reality monitoring and episodic memory in early childhood. <i>Developmental Science</i> , 2004, 7, 225-245.	1.3	63
61	The Development of Hierarchical Representation of Two-Dimensional Space. <i>Child Development</i> , 1996, 67, 721-739.	1.7	62
62	Embodied cognition and STEM learning: overview of a topical collection in CR:PI. <i>Cognitive Research: Principles and Implications</i> , 2017, 2, 38.	1.1	62
63	The ontogeny of relational memory and pattern separation. <i>Developmental Science</i> , 2018, 21, e12556.	1.3	62
64	Getting the big picture: Development of spatial scaling abilities. <i>Cognitive Development</i> , 2012, 27, 270-282.	0.7	60
65	Six Myths About Spatial Thinking. <i>International Journal of Science Education</i> , 2012, 34, 955-971.	1.0	60
66	The Development of Spatial Perspective Taking. <i>Advances in Child Development and Behavior</i> , 1989, 22, 203-247.	0.7	58
67	Effects of three diagram instruction methods on transfer of diagram comprehension skills: The critical role of inference while learning. <i>Learning and Instruction</i> , 2013, 26, 45-58.	1.9	56
68	Spatial Proportional Reasoning Is Associated With Formal Knowledge About Fractions. <i>Journal of Cognition and Development</i> , 2016, 17, 67-84.	0.6	55
69	When is a triangle not a triangle? Young children's developing concepts of geometric shape. <i>Cognitive Development</i> , 1998, 13, 547-559.	0.7	53
70	Two rooms, two representations? Episodic-like memory in toddlers and preschoolers. <i>Developmental Science</i> , 2014, 17, 743-756.	1.3	51
71	Some Controls Control Too Much. <i>Child Development</i> , 2003, 74, 1050-1052.	1.7	50
72	A New Twist on Studying the Development of Dynamic Spatial Transformations: Mental Paper Folding in Young Children. <i>Mind, Brain, and Education</i> , 2013, 7, 49-55.	0.9	50

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73	Cognitive Maps: Some People Make Them, Some People Struggle. <i>Current Directions in Psychological Science</i> , 2018, 27, 220-226.	2.8	50
74	The Development of Hierarchical Representation of Two-Dimensional Space. <i>Child Development</i> , 1996, 67, 721.	1.7	49
75	What do misestimations and asymmetries in spatial judgement indicate about spatial representation?. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 1999, 25, 986-996.	0.7	48
76	Itâ€™s All in the Details: Relations Between Young Childrenâ€™s Developing Pattern Separation Abilities and Hippocampal Subfield Volumes. <i>Cerebral Cortex</i> , 2019, 29, 3427-3433.	1.6	48
77	Explaining the Development of Spatial Reorientation. , 2007, , 53-76.		48
78	Navigation and the developing brain. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	45
79	The relation between spatial thinking and proportional reasoning in preschoolers. <i>Journal of Experimental Child Psychology</i> , 2015, 132, 213-220.	0.7	44
80	The hippocampus is not a geometric module: processing environment geometry during reorientation. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 596.	1.0	43
81	The world is not flat: Can people reorient using slope?. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2011, 37, 354-367.	0.7	42
82	Spinning in the scanner: Neural correlates of virtual reorientation.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2010, 36, 1097-1107.	0.7	41
83	One Hidden Object, Two Spatial Codes: Young Children's Use of Relational and Vector Coding. <i>Journal of Cognition and Development</i> , 2006, 7, 503-525.	0.6	40
84	Individual differences in mental rotation: what does gesture tell us?. <i>Cognitive Processing</i> , 2013, 14, 153-162.	0.7	39
85	Young children's use of features to reorient is more than just associative: further evidence against a modular view of spatial processing. <i>Developmental Science</i> , 2010, 13, 213-220.	1.3	38
86	Improving Studentsâ€™ Diagram Comprehension with Classroom Instruction. <i>Journal of Experimental Education</i> , 2013, 81, 511-537.	1.6	38
87	Do 2½-year-olds hint? A study of directive forms in the speech of 2½-year-old children to adultsâ€”. <i>Discourse Processes</i> , 1981, 4, 239-252.	1.1	37
88	Infantile Amnesia: Through a Glass Darkly. <i>Child Development</i> , 1994, 65, 31-40.	1.7	37
89	Developing symbolic capacity one step at a time. <i>Cognition</i> , 2008, 106, 1-12.	1.1	37
90	A category adjustment approach to memory for spatial location in natural scenes.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2010, 36, 590-604.	0.7	37

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91	The Shape of Things: The Origin of Young Children's Knowledge of the Names and Properties of Geometric Forms. <i>Journal of Cognition and Development</i> , 2016, 17, 142-161.	0.6	37
92	Preexisting Knowledge Versus On-Line Learning. <i>Psychological Science</i> , 2005, 16, 222-227.	1.8	36
93	Zooming in on spatial scaling: Preschool children and adults use mental transformations to scale spaces.. <i>Developmental Psychology</i> , 2014, 50, 1614-1619.	1.2	36
94	Remembering Early Childhood. <i>Current Directions in Psychological Science</i> , 2000, 9, 55-58.	2.8	34
95	Thinking spatially in the science classroom. <i>Current Opinion in Behavioral Sciences</i> , 2016, 10, 1-6.	2.0	34
96	Spatial scaling, proportional thinking, and numerical understanding in 5- to 7-year-old children. <i>Cognitive Development</i> , 2018, 45, 57-67.	0.7	33
97	The Ontogeny of Hippocampus-Dependent Memories. <i>Journal of Neuroscience</i> , 2021, 41, 920-926.	1.7	33
98	Building up and wearing down episodic memory: Mnemonic discrimination and relational binding.. <i>Journal of Experimental Psychology: General</i> , 2019, 148, 1463-1479.	1.5	33
99	IV. RESULTS—LINKS BETWEEN SPATIAL ASSEMBLY, LATER SPATIAL SKILLS, AND CONCURRENT AND LATER MATHEMATICAL SKILLS. <i>Monographs of the Society for Research in Child Development</i> , 2017, 82, 71-80.	6.8	32
100	Using Relational Reasoning to Learn About Scientific Phenomena at Unfamiliar Scales. <i>Educational Psychology Review</i> , 2017, 29, 11-25.	5.1	32
101	Defining the "Radical Middle". <i>Human Development</i> , 1998, 41, 210-214.	1.2	31
102	Effects of geometric toy design on parent-child interactions and spatial language. <i>Early Childhood Research Quarterly</i> , 2019, 46, 126-141.	1.6	31
103	Everyday taxi drivers: Do better navigators have larger hippocampi?. <i>Cortex</i> , 2019, 115, 280-293.	1.1	31
104	Desktop versus immersive virtual environments: effects on spatial learning. <i>Spatial Cognition and Computation</i> , 2020, 20, 328-363.	0.6	31
105	An Event-Related Potential Study of Item Recognition Memory in Children and Adults. <i>Journal of Cognition and Development</i> , 2002, 3, 201-224.	0.6	30
106	The Puzzle of Spatial Sex Differences: Current Status and Prerequisites to Solutions. <i>Child Development Perspectives</i> , 2020, 14, 251-257.	2.1	29
107	White matter structural connectivity and episodic memory in early childhood. <i>Developmental Cognitive Neuroscience</i> , 2017, 28, 41-53.	1.9	28
108	Development of Holistic Episodic Recollection. <i>Psychological Science</i> , 2019, 30, 1696-1706.	1.8	28

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109	Tracking the eyes to see what children remember. <i>Memory</i> , 2013, 21, 396-407.	0.9	27
110	Keeping track of where we are: Spatial working memory in navigation. <i>Visual Cognition</i> , 2017, 25, 691-702.	0.9	27
111	Play, attention, and learning: How do play and timing shape the development of attention and influence classroom learning?. <i>Annals of the New York Academy of Sciences</i> , 2013, 1292, 1-20.	1.8	26
112	Mazes and Maps: Can Young Children Find Their Way?. <i>Mind, Brain, and Education</i> , 2014, 8, 89-96.	0.9	26
113	Developmental changes in recognition memory for pictures of objects and scenes.. <i>Developmental Psychology</i> , 1977, 13, 337-341.	1.2	25
114	Infantile Amnesia: Through a Glass Darkly. <i>Child Development</i> , 1994, 65, 31.	1.7	25
115	Location memory in the real world: Category adjustment effects in 3-dimensional space. <i>Cognition</i> , 2013, 128, 45-55.	1.1	25
116	Dealing with Big Numbers: Representation and Understanding of Magnitudes Outside of Human Experience. <i>Cognitive Science</i> , 2017, 41, 1020-1041.	0.8	25
117	Move to learn: Integrating spatial information from multiple viewpoints. <i>Cognition</i> , 2018, 178, 7-25.	1.1	25
118	What Is Neoconstructivism?*. <i>Child Development Perspectives</i> , 2011, 5, 157-160.	2.1	24
119	Geometry three ways: An fMRI investigation of geometric information processing during reorientation.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2012, 38, 1530-1541.	0.7	24
120	Learning to interpret topographic maps: Understanding layered spatial information. <i>Cognitive Research: Principles and Implications</i> , 2016, 1, 2.	1.1	24
121	Of mice (<i>Mus musculus</i>) and toddlers (<i>Homo sapiens</i>): Evidence for species-general spatial reorientation.. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2009, 123, 342-345.	0.3	23
122	Teaching High School Biology Students to Coordinate Text and Diagrams: Relations with Transfer, Effort, and Spatial Skill. <i>International Journal of Science Education</i> , 2015, 37, 2476-2502.	1.0	23
123	Sex role and spatial ability: An EEG study. <i>Neuropsychologia</i> , 1986, 24, 731-735.	0.7	22
124	Reorienting with terrain slope and landmarks. <i>Memory and Cognition</i> , 2013, 41, 214-228.	0.9	22
125	Improving Middle School Science Learning Using Diagrammatic Reasoning. <i>Science Education</i> , 2016, 100, 1184-1213.	1.8	21
126	Semantic effects on ordered recall. <i>Journal of Verbal Learning and Verbal Behavior</i> , 1976, 15, 387-399.	3.8	20

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127	Individual variation in human navigation. <i>Current Biology</i> , 2018, 28, R1004-R1008.	1.8	20
128	Beyond small-scale spatial skills: Navigation skills and geoscience education. <i>Cognitive Research: Principles and Implications</i> , 2019, 4, 17.	1.1	20
129	Contingency of semantic generalization on episodic specificity varies across development. <i>Current Biology</i> , 2021, 31, 2690-2697.e5.	1.8	20
130	Using mental transformation strategies for spatial scaling: Evidence from a discrimination task.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2016, 42, 1473-1479.	0.7	19
131	Developments in source monitoring: The role of thinking of others. <i>Journal of Experimental Child Psychology</i> , 2006, 93, 25-44.	0.7	17
132	Children's Use of Slope to Guide Navigation: Sex Differences Relate to Spontaneous Slope Perception. <i>Spatial Cognition and Computation</i> , 2015, 15, 170-185.	0.6	17
133	Using diagrams versus text for spaced restudy: Effects on learning in 10th grade biology classes. <i>British Journal of Educational Psychology</i> , 2015, 85, 59-74.	1.6	17
134	When gestures show us the way: Co-thought gestures selectively facilitate navigation and spatial memory. <i>Spatial Cognition and Computation</i> , 2018, 18, 1-30.	0.6	17
135	First Direct Evidence of Cue Integration in Reorientation: A New Paradigm. <i>Cognitive Science</i> , 2018, 42, 923-936.	0.8	17
136	Pattern separation and pattern completion: Behaviorally separable processes?. <i>Memory and Cognition</i> , 2021, 49, 193-205.	0.9	17
137	Relational aspects of identity: Late adolescents' perceptions of their relationships with parents. <i>Journal of Experimental Child Psychology</i> , 1990, 50, 357-369.	0.7	16
138	Whorf versus Socrates, round 10. <i>Trends in Cognitive Sciences</i> , 2006, 10, 394-396.	4.0	15
139	Young Children's Perception of Diagrammatic Representations. <i>Spatial Cognition and Computation</i> , 2015, 15, 227-245.	0.6	15
140	Gain&Loss Framing Enhances Mnemonic Discrimination in Preschoolers. <i>Child Development</i> , 2019, 90, 1569-1578.	1.7	14
141	Cognitive Training: How Evidence, Controversies, and Challenges Inform Education Policy. <i>Policy Insights From the Behavioral and Brain Sciences</i> , 2020, 7, 80-86.	1.4	14
142	Teachers&™ spatial skills across disciplines and education levels: Exploring nationally representative data.. <i>Archives of Scientific Psychology</i> , 2018, 6, 130-137.	0.8	14
143	Transitions In Children's Roles and Capabilities. <i>International Journal of Psychology</i> , 1980, 15, 181-200.	1.7	13
144	Seeing Like a Geologist: Bayesian Use of Expert Categories in Location Memory. <i>Cognitive Science</i> , 2016, 40, 440-454.	0.8	12

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145	Multiple views of space: Continuous visual flow enhances small-scale spatial learning.. Journal of Experimental Psychology: Learning Memory and Cognition, 2017, 43, 851-861.	0.7	12
146	A slippery directional slope: Individual differences in using slope as a directional cue. Memory and Cognition, 2014, 42, 648-661.	0.9	11
147	Development of Quantitative Thinking Across Correlated Dimensions. , 2016, , 1-33.		11
148	How many apples make a quarter? The challenge of discrete proportional formats. Journal of Experimental Child Psychology, 2020, 192, 104774.	0.7	11
149	Learning geographical information from hypothetical maps. Memory and Cognition, 2007, 35, 895-909.	0.9	10
150	Where music meets space: Children's sensitivity to pitch intervals is related to their mental spatial transformation skills. Cognition, 2016, 151, 1-5.	1.1	10
151	Why spatial is special in education, learning, and everyday activities. Cognitive Research: Principles and Implications, 2021, 6, 20.	1.1	10
152	Measuring Spatial Perspective Taking: Analysis of Four Measures Using Item Response Theory. Topics in Cognitive Science, 2023, 15, 46-74.	1.1	10
153	The paradox of proximity in early spatial representation. British Journal of Developmental Psychology, 1988, 6, 376-378.	0.9	9
154	The Origins and Development of Magnitude Estimation. Ecological Psychology, 2014, 26, 147-157.	0.7	9
155	Using analogy to learn about phenomena at scales outside human perception. Cognitive Research: Principles and Implications, 2017, 2, 21.	1.1	9
156	How Big Is Many? Development of Spatial and Numerical Magnitude Understanding. , 2018, , 157-176.		9
157	Masked Reviews Are Not Fairer Reviews. Perspectives on Psychological Science, 2009, 4, 62-64.	5.2	7
158	How focus at encoding affects children's source monitoring. Journal of Experimental Child Psychology, 2010, 105, 273-285.	0.7	7
159	Categorical biases in spatial memory: The role of certainty.. Journal of Experimental Psychology: Learning Memory and Cognition, 2015, 41, 473-481.	0.7	7
160	Scaling up Spatial Development: A Closer Look at Children's Scaling Ability and Its Relation to Number Knowledge. Mind, Brain, and Education, 2018, 12, 110-119.	0.9	7
161	Spatial Skills, Reasoning, and Mathematics. , 2019, , 100-123.		7
162	Two fields are better than one: Developmental and cognitive perspectives on understanding spatial reorientation. Comparative Cognition and Behavior Reviews, 0, 8, 78-97.	2.0	6

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163	Cognitive development: changing views of cognitive change. Wiley Interdisciplinary Reviews: Cognitive Science, 2013, 4, 479-491.	1.4	6
164	The relation between navigation strategy and associative memory: An individual differences approach.. Journal of Experimental Psychology: Learning Memory and Cognition, 2016, 42, 663-670.	0.7	6
165	Where will it go? How children and adults reason about force and motion. Cognitive Development, 2018, 45, 113-124.	0.7	6
166	Understanding relational binding in early childhood: Interacting effects of overlap and delay. Journal of Experimental Child Psychology, 2021, 208, 105152.	0.7	6
167	Sauce for the goose, sauce for the gander. Learning and Individual Differences, 1996, 8, 65-68.	1.5	5
168	Biology Is to Medicine as Psychology Is to Education: True or False?. New Directions for Teaching and Learning, 2002, 2002, 9-18.	0.2	5
169	Language as Destiny? Or Not. Human Development, 2005, 48, 309-314.	1.2	5
170	On Tending to Our Scientific Knitting: Thinking About Gender in the Context of Evolution. , 2010, , 259-274.		5
171	Longitudinal development of cognitive mapping from childhood to adolescence. Journal of Experimental Child Psychology, 2022, 219, 105412.	0.7	5
172	A spatial coding analysis of the A-not-B error: What IS "Location at A"? Behavioral and Brain Sciences, 2001, 24, 57-58.	0.4	4
173	Are all types of vertical information created equal?. Behavioral and Brain Sciences, 2013, 36, 568-569.	0.4	4
174	VI. DISCUSSION AND IMPLICATIONS: HOW EARLY SPATIAL SKILLS PREDICT LATER SPATIAL AND MATHEMATICAL SKILLS. Monographs of the Society for Research in Child Development, 2017, 82, 89-109.	6.8	4
175	Using principles of cognitive science to improve science learning in middle school: What works when and for whom?. Applied Cognitive Psychology, 2018, 32, 225-240.	0.9	4
176	Navigating without vision: spontaneous use of terrain slant in outdoor place learning. Spatial Cognition and Computation, 0, , 1-21.	0.6	4
177	More than Just Hand Waving: Review of "Hearing Gestures: How Our Hands Help Us Think". Journal of Cognition and Development, 2008, 9, 247-252.	0.6	3
178	Introduction to the special section on spatial reference frames: Examining what and how information is encoded through the integration of cognitive, behavioral, and neuroscience approaches.. Journal of Experimental Psychology: Learning Memory and Cognition, 2010, 36, 573-575.	0.7	3
179	How Much as Compared to What: Relative Magnitude as a Key Idea in Mathematics Cognition. Research in Mathematics Education, 2018, , 3-24.	0.1	3
180	Relational binding and holistic retrieval in ageing. Memory, 2021, 29, 1197-1205.	0.9	3

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181	Five commandments for APA. <i>American Psychologist</i> , 2002, 57, 201-5.	3.8	3
182	Development of spatial cognition and cognitive development. <i>New Directions for Child and Adolescent Development</i> , 1982, 1982, 65-81.	1.3	2
183	Children's Memory for Early Experience. <i>Journal of Experimental Child Psychology</i> , 1995, 59, 337-342.	0.7	2
184	Three Families of Isms. <i>Child Development Perspectives</i> , 2011, 5, 171-172.	2.1	2
185	Educating to Use Evidence in Thinking About Education. <i>Mind, Brain, and Education</i> , 2013, 7, 147-150.	0.9	2
186	Finding our way. <i>Current Biology</i> , 2019, 29, R108-R109.	1.8	2
187	Elimination of sex difference in direction giving. <i>Cognitive Processing</i> , 2013, 14, 197-199.	0.7	1
188	III. RESULTS-CONSIDERING THE 2-D AND 3-D TRIALS OF THE TOSA SEPARATELY AND TOGETHER. <i>Monographs of the Society for Research in Child Development</i> , 2017, 82, 56-70.	6.8	1
189	Nature/nurture in male/female mathematical giftedness. <i>Behavioral and Brain Sciences</i> , 1988, 11, 206-206.	0.4	0
190	Sexual-selection accounts of human characteristics: Just So Stories or scientific hypotheses?. <i>Behavioral and Brain Sciences</i> , 1996, 19, 259-260.	0.4	0
191	Commentary on Leibovich et al.: What next?. <i>Behavioral and Brain Sciences</i> , 2017, 40, e180.	0.4	0
192	Nora S. Newcombe. <i>Current Biology</i> , 2017, 27, R1196-R1198.	1.8	0
193	Early Knowledge About Space and Quantity. , 2020, , 410-434.		0
194	Finding formulas: Does active search facilitate appropriate generalization?. <i>Cognitive Research: Principles and Implications</i> , 2021, 6, 50.	1.1	0
195	Fathers' and mothers' praise and spatial language during play with first graders: Patterns of interaction and relations to math achievement.. <i>Developmental Psychology</i> , 2022, 58, 1931-1946.	1.2	0