Nora S Newcombe

List of Publications by Year
in descending order

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195 papers	13,205 citations	23567 58 h-index	29157 104 g-index
203 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.	6.1	1,171
2	Is there a geometric module for spatial orientation? squaring theory and evidence. Psychonomic Bulletin and Review, 2005, 12, 1-23.	2.8	519
3	The role of experience in spatial test performance: A meta-analysis. Sex Roles, 1989, 20, 327-344.	2.4	436
4	Toddlers' Use of Metric Information and Landmarks to Reorient. Journal of Experimental Child Psychology, 2001, 80, 225-244.	1.4	276
5	Socioeconomic Status Modifies the Sex Difference in Spatial Skill. Psychological Science, 2005, 16, 841-845.	3.3	264
6	Children's Use of Landmarks: Implications for Modularity Theory. Psychological Science, 2002, 13, 337-341.	3.3	255
7	Durable and generalized effects of spatial experience on mental rotation: gender differences in growth patterns. Applied Cognitive Psychology, 2008, 22, 996-1013.	1.6	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.	1.3	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.	2.4	226
11	Deconstructing Building Blocks: Preschoolers' Spatial Assembly Performance Relates to Early Mathematical Skills. Child Development, 2014, 85, 1062-1076.	3.0	224
12	Taking Shape: Supporting Preschoolers' Acquisition of Geometric Knowledge Through Guided Play. Child Development, 2013, 84, 1872-1878.	3.0	203
13	Developmental changes in source memory. Developmental Science, 2002, 5, 502-513.	2.4	200
14	Sex differences in spatial ability and spatial activities. Sex Roles, 1983, 9, 377-386.	2.4	195
15	Exploring and Enhancing Spatial Thinking. Current Directions in Psychological Science, 2013, 22, 367-373.	5.3	193
16	Early Education for Spatial Intelligence: Why, What, and How. Mind, Brain, and Education, 2010, 4, 102-111.	1.9	191
17	Building Blocks for Developing Spatial Skills: Evidence From a Large, Representative U.S. Sample. Psychological Science, 2015, 26, 302-310.	3.3	190
18	Training generalized spatial skills. Psychonomic Bulletin and Review, 2008, 15, 763-771.	2.8	179

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19	Hippocampal size predicts rapid learning of a cognitive map in humans. Hippocampus, 2013, 23, 515-528.	1.9	176
20	Variations in cognitive maps: Understanding individual differences in navigation.. Journal of Experimental Psychology: Learning Memory and Cognition, 2014, 40, 669-682.	0.9	172
21	Turn Left at the Church, Or Three Miles North. Environment and Behavior, 1986, 18, 192-213.	4.7	170
22	25Âyears of research on the use of geometry in spatial reorientation: a current theoretical perspective. Psychonomic Bulletin and Review, 2013, 20, 1033-1054.	2.8	158
23	Environmental input to the development of sex-related differences in spatial and mathematical ability. Learning and Individual Differences, 1995, 7, 363-379.	2.7	154
24	How do (some) people make a cognitive map? Routes, places, and working memory.. Journal of Experimental Psychology: Learning Memory and Cognition, 2016, 42, 768-785.	0.9	154
25	Thinking About Spatial Thinking: New Typology, New Assessments. , 2015, , 179-192.		151
26	Improving Methodological Standards in Behavioral Interventions for Cognitive Enhancement. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2019, 3, 2-29.	1.6	149
27	Spatial Scaling in Young Children. Psychological Science, 1999, 10, 393-398.	3.3	146
28	Block Talk: Spatial Language During Block Play. Mind, Brain, and Education, 2011, 5, 143-151.	1.9	146
29	Binding, relational memory, and recall of naturalistic events: A developmental perspective.. Journal of Experimental Psychology: Learning Memory and Cognition, 2006, 32, 89-100.	0.9	143
30	Reorienting When Cues Conflict. Psychological Science, 2008, 19, 1301-1307.	3.3	142
31	Children's early ability to solve perspective-taking problems.. Developmental Psychology, 1992, 28, 635-643.	1.6	135
32	Why size counts: children's spatial reorientation in large and small enclosures. Developmental Science, 2008, 11, 414-426.	2.4	135
33	Development of mental rotation in 3- to 5-year-old children. Cognitive Development, 2013, 28, 386-399.	1.3	120
34	Development of mental transformation abilities. Trends in Cognitive Sciences, 2014, 18, 536-542.	7.8	120
35	Barrier effects in the cognitive maps of children and adults. Journal of Experimental Child Psychology, 1982, 34, 46-58.	1.4	118
36	Structuring Knowledge with Cognitive Maps and Cognitive Graphs. Trends in Cognitive Sciences, 2021, 25, 37-54.	7.8	114

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37	DEVELOPMENT OF EPISODIC AND AUTOBIOGRAPHICAL MEMORY: A COGNITIVE NEUROSCIENCE PERSPECTIVE. Advances in Child Development and Behavior, 2007, 35, 37-85.	1.3	112
38	The Nativist-Empiricist Controversy in the Context of Recent Research on Spatial and Quantitative Development. Psychological Science, 2002, 13, 395-401.	3.3	110
39	Infantsâ€™ coding of location in continuous space. , 1999, 22, 483-510.		109
40	Finding the missing piece: Blocks, puzzles, and shapes fuel school readiness. Trends in Neuroscience and Education, 2014, 3, 7-13.	3.1	109
41	A meta-analysis of sex differences in human navigation skills. Psychonomic Bulletin and Review, 2019, 26, 1503-1528.	2.8	108
42	Hippocampal Maturation Drives Memory from Generalization to Specificity. Trends in Cognitive Sciences, 2018, 22, 676-686.	7.8	102
43	Spatial abilities, sex differences and EEG functioning. Neuropsychologia, 1981, 19, 719-722.	1.6	97
44	Knowing Where Things Are in the Second Year of Life: Implications for Hippocampal Development. Journal of Cognitive Neuroscience, 2004, 16, 1443-1451.	2.3	97
45	Memory Binding in Early Childhood: Evidence for a Retrieval Deficit. Child Development, 2009, 80, 1321-1328.	3.0	95
46	Picturing perspectives: development of perspective-taking abilities in 4- to 8-year-olds. Frontiers in Psychology, 2014, 5, 386.	2.1	92
47	Using a touch screen paradigm to assess the development of mental rotation between 3Â½ and 5Â½Âyears of age. Cognitive Processing, 2013, 14, 117-127.	1.4	86
48	Thinking about quantity: the intertwined development of spatial and numerical cognition. Wiley Interdisciplinary Reviews: Cognitive Science, 2015, 6, 491-505.	2.8	84
49	Talking Shape: Parental Language With Electronic Versus Traditional Shape Sorters. Mind, Brain, and Education, 2015, 9, 136-144.	1.9	82
50	Is language necessary for human spatial reorientation? Reconsidering evidence from dual task paradigms. Cognitive Psychology, 2008, 56, 142-163.	2.2	76
51	Understanding spatial transformations: similarities and differences between mental rotation and mental folding. Cognitive Processing, 2013, 14, 105-115.	1.4	74
52	Effects of speech style and sex of speaker on person perception.. Journal of Personality and Social Psychology, 1979, 37, 1293-1303.	2.8	72
53	An adaptive cue combination model of human spatial reorientation. Cognition, 2017, 163, 56-66.	2.2	72
54	Charting the development of cognitive mapping. Journal of Experimental Child Psychology, 2018, 170, 86-106.	1.4	72

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55	Finding Where and Saying Where: Developmental Relationships Between Place Learning and Language in the First Year. Journal of Cognition and Development, 2011, 12, 315-331.	1.3	67
56	Psychologyâ€™s role in mathematics and science education.. American Psychologist, 2009, 64, 538-550.	4.2	66
57	Five Reasons to Doubt the Existence of a Geometric Module. Cognitive Science, 2010, 34, 1315-1356.	1.7	66
58	Malleability in the development of spatial reorientation. Developmental Psychobiology, 2013, 55, 243-255.	1.6	65
59	Effect of age at puberty on spatial ability in girls: A question of mechanism.. Developmental Psychology, 1983, 19, 215-224.	1.6	64
60	Changes in reality monitoring and episodic memory in early childhood. Developmental Science, 2004, 7, 225-245.	2.4	63
61	The Development of Hierarchical Representation of Two-Dimensional Space. Child Development, 1996, 67, 721-739.	3.0	62
62	Embodied cognition and STEM learning: overview of a topical collection in CR:PI. Cognitive Research: Principles and Implications, 2017, 2, 38.	2.0	62
63	The ontogeny of relational memory and pattern separation. Developmental Science, 2018, 21, e12556.	2.4	62
64	Getting the big picture: Development of spatial scaling abilities. Cognitive Development, 2012, 27, 270-282.	1.3	60
65	Six Myths About Spatial Thinking. International Journal of Science Education, 2012, 34, 955-971.	1.9	60
66	The Development of Spatial Perspective Taking. Advances in Child Development and Behavior, 1989, 22, 203-247.	1.3	58
67	Effects of three diagram instruction methods on transfer of diagram comprehension skills: The critical role of inference while learning. Learning and Instruction, 2013, 26, 45-58.	3.2	56
68	Spatial Proportional Reasoning Is Associated With Formal Knowledge About Fractions. Journal of Cognition and Development, 2016, 17, 67-84.	1.3	55
69	When is a triangle not a triangle? Young children's developing concepts of geometric shape. Cognitive Development, 1998, 13, 547-559.	1.3	53
70	Two rooms, two representations? Episodicâ€like memory in toddlers and preschoolers. Developmental Science, 2014, 17, 743-756.	2.4	51
71	Some Controls Control Too Much. Child Development, 2003, 74, 1050-1052.	3.0	50
72	A New Twist on Studying the Development of Dynamic Spatial Transformations: Mental Paper Folding in Young Children. Mind, Brain, and Education, 2013, 7, 49-55.	1.9	50

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73	Cognitive Maps: Some People Make Them, Some People Struggle. Current Directions in Psychological Science, 2018, 27, 220-226.	5.3	50
74	The Development of Hierarchical Representation of Two-Dimensional Space. Child Development, 1996, 67, 721.	3.0	49
75	What do misestimations and asymmetries in spatial judgement indicate about spatial representation?. Journal of Experimental Psychology: Learning Memory and Cognition, 1999, 25, 986-996.	0.9	48
76	Itâ€™s All in the Details: Relations Between Young Childrenâ€™s Developing Pattern Separation Abilities and Hippocampal Subfield Volumes. Cerebral Cortex, 2019, 29, 3427-3433.	2.9	48
77	Explaining the Development of Spatial Reorientation. , 2007, , 53-76.		48
78	Navigation and the developing brain. Journal of Experimental Biology, 2019, 222, .	1.7	45
79	The relation between spatial thinking and proportional reasoning in preschoolers. Journal of Experimental Child Psychology, 2015, 132, 213-220.	1.4	44
80	The hippocampus is not a geometric module: processing environment geometry during reorientation. Frontiers in Human Neuroscience, 2014, 8, 596.	2.0	43
81	The world is not flat: Can people reorient using slope?. Journal of Experimental Psychology: Learning Memory and Cognition, 2011, 37, 354-367.	0.9	42
82	Spinning in the scanner: Neural correlates of virtual reorientation.. Journal of Experimental Psychology: Learning Memory and Cognition, 2010, 36, 1097-1107.	0.9	41
83	One Hidden Object, Two Spatial Codes: Young Children's Use of Relational and Vector Coding. Journal of Cognition and Development, 2006, 7, 503-525.	1.3	40
84	Individual differences in mental rotation: what does gesture tell us?. Cognitive Processing, 2013, 14, 153-162.	1.4	39
85	Young children's use of features to reorient is more than just associative: further evidence against a modular view of spatial processing. Developmental Science, 2010, 13, 213-220.	2.4	38
86	Improving Studentsâ€™ Diagram Comprehension with Classroom Instruction. Journal of Experimental Education, 2013, 81, 511-537.	2.6	38
87	Do 2Â½â€yearâ€olds hint? A study of directive forms in the speech of 2Â½â€yearâ€old children to adultsâ^—. Discourse Processes, 1981, 4, 239-252.	1.8	37
88	Infantile Amnesia: Through a Glass Darkly. Child Development, 1994, 65, 31-40.	3.0	37
89	Developing symbolic capacity one step at a time. Cognition, 2008, 106, 1-12.	2.2	37
90	A category adjustment approach to memory for spatial location in natural scenes.. Journal of Experimental Psychology: Learning Memory and Cognition, 2010, 36, 590-604.	0.9	37

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91	The Shape of Things: The Origin of Young Childrenâ€™s Knowledge of the Names and Properties of Geometric Forms. Journal of Cognition and Development, 2016, 17, 142-161.	1.3	37
92	Preexisting Knowledge Versus On-Line Learning. Psychological Science, 2005, 16, 222-227.	3.3	36
93	Zooming in on spatial scaling: Preschool children and adults use mental transformations to scale spaces.. Developmental Psychology, 2014, 50, 1614-1619.	1.6	36
94	Remembering Early Childhood. Current Directions in Psychological Science, 2000, 9, 55-58.	5.3	34
95	Thinking spatially in the science classroom. Current Opinion in Behavioral Sciences, 2016, 10, 1-6.	3.9	34
96	Spatial scaling, proportional thinking, and numerical understanding in 5- to 7-year-old children. Cognitive Development, 2018, 45, 57-67.	1.3	33
97	The Ontogeny of Hippocampus-Dependent Memories. Journal of Neuroscience, 2021, 41, 920-926.	3.6	33
98	Building up and wearing down episodic memory: Mnemonic discrimination and relational binding.. Journal of Experimental Psychology: General, 2019, 148, 1463-1479.	2.1	33
99	IV. RESULTSâ€”LINKS BETWEEN SPATIAL ASSEMBLY, LATER SPATIAL SKILLS, AND CONCURRENT AND LATER MATHEMATICAL SKILLS. Monographs of the Society for Research in Child Development, 2017, 82, 71-80.	6.8	32
100	Using Relational Reasoning to Learn About Scientific Phenomena at Unfamiliar Scales. Educational Psychology Review, 2017, 29, 11-25.	8.4	32
101	Defining the â€˜Radical Middleâ€™. Human Development, 1998, 41, 210-214.	2.0	31
102	Effects of geometric toy design on parentâ€“child interactions and spatial language. Early Childhood Research Quarterly, 2019, 46, 126-141.	2.7	31
103	Everyday taxi drivers: Do better navigators have larger hippocampi?. Cortex, 2019, 115, 280-293.	2.4	31
104	Desktop versus immersive virtual environments: effects on spatial learning. Spatial Cognition and Computation, 2020, 20, 328-363.	1.2	31
105	An Event-Related Potential Study of Item Recognition Memory in Children and Adults. Journal of Cognition and Development, 2002, 3, 201-224.	1.3	30
106	The Puzzle of Spatial Sex Differences: Current Status and Prerequisites to Solutions. Child Development Perspectives, 2020, 14, 251-257.	3.9	29
107	White matter structural connectivity and episodic memory in early childhood. Developmental Cognitive Neuroscience, 2017, 28, 41-53.	4.0	28
108	Development of Holistic Episodic Recollection. Psychological Science, 2019, 30, 1696-1706.	3.3	28

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109	Tracking the eyes to see what children remember. Memory, 2013, 21, 396-407.	1.7	27
110	Keeping track of where we are: Spatial working memory in navigation. Visual Cognition, 2017, 25, 691-702.	1.6	27
111	Play, attention, and learning: How do play and timing shape the development of attention and influence classroom learning?. Annals of the New York Academy of Sciences, 2013, 1292, 1-20.	3.8	26
112	Mazes and Maps: Can Young Children Find Their Way?. Mind, Brain, and Education, 2014, 8, 89-96.	1.9	26
113	Developmental changes in recognition memory for pictures of objects and scenes.. Developmental Psychology, 1977, 13, 337-341.	1.6	25
114	Infantile Amnesia: Through a Glass Darkly. Child Development, 1994, 65, 31.	3.0	25
115	Location memory in the real world: Category adjustment effects in 3-dimensional space. Cognition, 2013, 128, 45-55.	2.2	25
116	Dealing with Big Numbers: Representation and Understanding of Magnitudes Outside of Human Experience. Cognitive Science, 2017, 41, 1020-1041.	1.7	25
117	Move to learn: Integrating spatial information from multiple viewpoints. Cognition, 2018, 178, 7-25.	2.2	25
118	What Is Neoconstructivism?*. Child Development Perspectives, 2011, 5, 157-160.	3.9	24
119	Geometry three ways: An fMRI investigation of geometric information processing during reorientation.. Journal of Experimental Psychology: Learning Memory and Cognition, 2012, 38, 1530-1541.	0.9	24
120	Learning to interpret topographic maps: Understanding layered spatial information. Cognitive Research: Principles and Implications, 2016, 1, 2.	2.0	24
121	Of mice (Mus musculus) and toddlers (Homo sapiens): Evidence for species-general spatial reorientation.. Journal of Comparative Psychology (Washington, D C: 1983), 2009, 123, 342-345.	0.5	23
122	Teaching High School Biology Students to Coordinate Text and Diagrams: Relations with Transfer, Effort, and Spatial Skill. International Journal of Science Education, 2015, 37, 2476-2502.	1.9	23
123	Sex role and spatial ability: An EEG study. Neuropsychologia, 1986, 24, 731-735.	1.6	22
124	Reorienting with terrain slope and landmarks. Memory and Cognition, 2013, 41, 214-228.	1.6	22
125	Improving Middle School Science Learning Using Diagrammatic Reasoning. Science Education, 2016, 100, 1184-1213.	3.0	21
126	Semantic effects on ordered recall. Journal of Verbal Learning and Verbal Behavior, 1976, 15, 387-399.	3.7	20

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127	Individual variation in human navigation. Current Biology, 2018, 28, R1004-R1008.	3.9	20
128	Beyond small-scale spatial skills: Navigation skills and geoscience education. Cognitive Research: Principles and Implications, 2019, 4, 17.	2.0	20
129	Contingency of semantic generalization on episodic specificity varies across development. Current Biology, 2021, 31, 2690-2697.e5.	3.9	20
130	Using mental transformation strategies for spatial scaling: Evidence from a discrimination task.. Journal of Experimental Psychology: Learning Memory and Cognition, 2016, 42, 1473-1479.	0.9	19
131	Developments in source monitoring: The role of thinking of others. Journal of Experimental Child Psychology, 2006, 93, 25-44.	1.4	17
132	Children's Use of Slope to Guide Navigation: Sex Differences Relate to Spontaneous Slope Perception. Spatial Cognition and Computation, 2015, 15, 170-185.	1.2	17
133	Using diagrams versus text for spaced restudy: Effects on learning in 10th grade biology classes. British Journal of Educational Psychology, 2015, 85, 59-74.	2.9	17
134	When gestures show us the way: Co-thought gestures selectively facilitate navigation and spatial memory. Spatial Cognition and Computation, 2018, 18, 1-30.	1.2	17
135	First Direct Evidence of Cue Integration in Reorientation: A New Paradigm. Cognitive Science, 2018, 42, 923-936.	1.7	17
136	Pattern separation and pattern completion: Behaviorally separable processes?. Memory and Cognition, 2021, 49, 193-205.	1.6	17
137	Relational aspects of identity: Late adolescents' perceptions of their relationships with parents. Journal of Experimental Child Psychology, 1990, 50, 357-369.	1.4	16
138	Whorf versus Socrates, round 10. Trends in Cognitive Sciences, 2006, 10, 394-396.	7.8	15
139	Young Children's Perception of Diagrammatic Representations. Spatial Cognition and Computation, 2015, 15, 227-245.	1.2	15
140	Gainâ€Ł oss Framing Enhances Mnemonic Discrimination in Preschoolers. Child Development, 2019, 90, 1569-1578.	3.0	14
141	Cognitive Training: How Evidence, Controversies, and Challenges Inform Education Policy. Policy Insights From the Behavioral and Brain Sciences, 2020, 7, 80-86.	2.4	14
142	Teachersâ€™ spatial skills across disciplines and education levels: Exploring nationally representative data.. Archives of Scientific Psychology, 2018, 6, 130-137.	0.8	14
143	Transitions In Children's Roles and Capabilities. International Journal of Psychology, 1980, 15, 181-200.	2.8	13
144	Seeing Like a Geologist: Bayesian Use of Expert Categories in Location Memory. Cognitive Science, 2016, 40, 440-454.	1.7	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.	0.9	12
146	A slippery directional slope: Individual differences in using slope as a directional cue. Memory and Cognition, 2014, 42, 648-661.	1.6	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.	1.4	11
149	Learning geographical information from hypothetical maps. Memory and Cognition, 2007, 35, 895-909.	1.6	10
150	Where music meets space: Childrenâ€™s sensitivity to pitch intervals is related to their mental spatial transformation skills. Cognition, 2016, 151, 1-5.	2.2	10
151	Why spatial is special in education, learning, and everyday activities. Cognitive Research: Principles and Implications, 2021, 6, 20.	2.0	10
152	Measuring Spatial Perspective Taking: Analysis of Four Measures Using Item Response Theory. Topics in Cognitive Science, 2023, 15, 46-74.	1.9	10
153	The paradox of proximity in early spatial representation. British Journal of Developmental Psychology, 1988, 6, 376-378.	1.7	9
154	The Origins and Development of Magnitude Estimation. Ecological Psychology, 2014, 26, 147-157.	1.1	9
155	Using analogy to learn about phenomena at scales outside human perception. Cognitive Research: Principles and Implications, 2017, 2, 21.	2.0	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.	9.0	7
158	How focus at encoding affects childrenâ€™s source monitoring. Journal of Experimental Child Psychology, 2010, 105, 273-285.	1.4	7
159	Categorical biases in spatial memory: The role of certainty.. Journal of Experimental Psychology: Learning Memory and Cognition, 2015, 41, 473-481.	0.9	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.	1.9	7
161	Spatial Skills, Reasoning, and Mathematics. , 2019, , 100-123.		7
162	Two fields are better than one: Developmental and cognitive perspectives on underatnding 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.	2.8	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.	0.9	6
165	Where will it go? How children and adults reason about force and motion. Cognitive Development, 2018, 45, 113-124.	1.3	6
166	Understanding relational binding in early childhood: Interacting effects of overlap and delay. Journal of Experimental Child Psychology, 2021, 208, 105152.	1.4	6
167	Sauce for the goose, sauce for the gander. Learning and Individual Differences, 1996, 8, 65-68.	2.7	5
168	Biology Is to Medicine as Psychology Is to Education: True or False?. New Directions for Teaching and Learning, 2002, 2002, 9-18.	0.4	5
169	Language as Destiny? Or Not. Human Development, 2005, 48, 309-314.	2.0	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.	1.4	5
172	A spatial coding analysis of the A-not-B error: What IS â€œLocation at Aâ€?. Behavioral and Brain Sciences, 2001, 24, 57-58.	0.7	4
173	Are all types of vertical information created equal?. Behavioral and Brain Sciences, 2013, 36, 568-569.	0.7	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.	1.6	4
176	Navigating without vision: spontaneous use of terrain slant in outdoor place learning. Spatial Cognition and Computation, 0, , 1-21.	1.2	4
177	More than Just Hand Waving: Review ofHearing Gestures: How Our Hands Help Us Think. Journal of Cognition and Development, 2008, 9, 247-252.	1.3	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.	0.9	3
179	How Much as Compared to What: RelativeÂMagnitude as aÂKey Idea in Mathematics Cognition. Research in Mathematics Education, 2018, , 3-24.	0.3	3
180	Relational binding and holistic retrieval in ageing. Memory, 2021, 29, 1197-1205.	1.7	3

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181	Five commandments for APA.. American Psychologist, 2002, 57, 202-205.	4.2	3
182	Development of spatial cognition and cognitive development. New Directions for Child and Adolescent Development, 1982, 1982, 65-81.	2.2	2
183	Childrenâ€²s Memory for Early Experience. Journal of Experimental Child Psychology, 1995, 59, 337-342.	1.4	2
184	Three Families of Isms. Child Development Perspectives, 2011, 5, 171-172.	3.9	2
185	Educating to Use Evidence in Thinking About Education. Mind, Brain, and Education, 2013, 7, 147-150.	1.9	2
186	Finding our way. Current Biology, 2019, 29, R108-R109.	3.9	2
187	Elimination of sex difference in direction giving. Cognitive Processing, 2013, 14, 197-199.	1.4	1
188	III. RESULTS-CONSIDERING THE 2-D AND 3-D TRIALS OF THE TOSA SEPARATELY AND TOGETHER. Monographs of the Society for Research in Child Development, 2017, 82, 56-70.	6.8	1
189	Nature/nurture in male/female mathematical giftedness. Behavioral and Brain Sciences, 1988, 11, 206-206.	0.7	0
190	Sexual-selection accounts of human characteristics: Just So Stories or scientific hypotheses?. Behavioral and Brain Sciences, 1996, 19, 259-260.	0.7	0
191	Commentary on Leibovich et al.: What next?. Behavioral and Brain Sciences, 2017, 40, e180.	0.7	0
192	Nora S. Newcombe. Current Biology, 2017, 27, R1196-R1198.	3.9	0
193	Early Knowledge About Space and Quantity. , 2020, , 410-434.		0
194	Finding formulas: Does active search facilitate appropriate generalization?. Cognitive Research: Principles and Implications, 2021, 6, 50.	2.0	0
195	Fathersâ€™ and mothersâ€™ praise and spatial language during play with first graders: Patterns of interaction and relations to math achievement.. Developmental Psychology, 2022, 58, 1931-1946.	1.6	0