Vanessa R Simmering

List of Publications by Year
in descending order

42 papers	908 citations	471509 17 h-index	501196 28 g-index
42 all docs	42 docs citations	42 times ranked	497 citing authors

#	Article	IF	Citations
1	The development of visual working memory capacity during early childhood. Journal of Experimental Child Psychology, 2012, 111, 695-707.	1.4	118
2	Generalizing the dynamic field theory of spatial cognition across real and developmental time scales. Brain Research, 2008, 1202, 68-86.	2.2	86
3	Working Memory Capacity as a Dynamic Process. Frontiers in Psychology, 2012, 3, 567.	2.1	54
4	What Does Theoretical Neuroscience Have to Offer the Study of Behavioral Development?. , 2007, , 320-361.		53
5	Toward a formal theory of flexible spatial behavior: Geometric category biases generalize across pointing and verbal response types.. Journal of Experimental Psychology: Human Perception and Performance, 2006, 32, 473-490.	0.9	45
6	Stronger neural dynamics capture changes in infantsâ€™ visual working memory capacity over development. Developmental Science, 2011, 14, 1379-1392.	2.4	42
7	Reference-related inhibition produces enhanced position discrimination and fast repulsion near axes of symmetry. Perception & Psychophysics, 2006, 68, 1027-1046.	2.3	41
8	I. WORKING MEMORY CAPACITY IN CONTEXT: MODELING DYNAMIC PROCESSES OF BEHAVIOR, MEMORY, AND DEVELOPMENT. Monographs of the Society for Research in Child Development, 2016, 81, 7-24.	6.8	40
9	Applications of Dynamic Systems Theory to Cognition and Development. Advances in Child Development and Behavior, 2017, 52, 43-80.	1.3	40
10	Generality with specificity: the dynamic field theory generalizes across tasks and time scales. Developmental Science, 2008, 11, 541-555.	2.4	32
11	Beyond slots and resources: Grounding cognitive concepts in neural dynamics. Attention, Perception, and Psychophysics, 2014, 76, 1630-1654.	1.3	31
12	Language supports young childrenâ€™s use of spatial relations to remember locations. Cognition, 2016, 150, 170-180.	2.2	27
13	A Dynamical Reconceptualization of Executive-Function Development. Perspectives on Psychological Science, 2021, 16, 1198-1208.	9.0	27
14	Carving up space at imaginary joints: Can people mentally impose arbitrary spatial category boundaries?. Journal of Experimental Psychology: Human Perception and Performance, 2007, 33, 871-894.	0.9	27
15	The role of experience in location estimation: Target distributions shift location memory biases. Cognition, 2010, 115, 147-153.	2.2	24
16	Producing Spatial Words Is Not Enough: Understanding the Relation Between Language and Spatial Cognition. Child Development, 2017, 88, 1966-1982.	3.0	24
17	Fluid intelligence is related to capacity in memory as well as attention: Evidence from middle childhood and adulthood. PLoS ONE, 2019, 14, e0221353.	2.5	21
18	Childrenâ€™s attention to task-relevant information accounts for relations between language and spatial cognition. Journal of Experimental Child Psychology, 2018, 172, 107-129.	1.4	19

#	Article	IF	Citations
19	Different developmental trajectories across feature types support a dynamic field model of visual working memory development. Attention, Perception, and Psychophysics, 2015, 77, 1170-1188.	1.3	18
20	Models provide specificity: Testing a proposed mechanism of visual working memory capacity development. Cognitive Development, 2012, 27, 419-439.	1.3	17
21	A Dialogue on the Role of Computational Modeling in Developmental Science. Child Development Perspectives, 2010, 4, 152-158.	3.9	12
22	Developmental improvements in the resolution and capacity of visual working memory share a common source. Attention, Perception, and Psychophysics, 2016, 78, 1538-1555.	1.3	12
23	Category learning in a dynamic world. Frontiers in Psychology, 2015, 6, 46.	2.1	11
24	Location memory biases reveal the challenges of coordinating visual and kinesthetic reference frames. Experimental Brain Research, 2007, 184, 165-178.	1.5	10
25	Speech and Gesture Production Provide Unique Insights Into Young Childrenâ€™s Spatial Reasoning. Child Development, 2020, 91, 1934-1952.	3.0	10
26	Imagine: Design for Creative Thinking, Learning, and Assessment in Schools. Journal of Intelligence, 2020, 8, 16.	2.5	10
27	Keeping Behavior in Context: A Dynamic Systems Account of a Transition in Spatial Recall Biases. Spatial Cognition and Computation, 2011, 11, 313-342.	1.2	9
28	Understanding Test Takers' Choices in a Self-Adapted Test: A Hidden Markov Modeling of Process Data. Frontiers in Psychology, 2019, 10, 83.	2.1	8
29	The development of real-time stability supports visual working memory performance: Young childrenâ€™s feature binding can be improved through perceptual structure.. Developmental Psychology, 2017, 53, 1474-1493.	1.6	7
30	Using eye-tracking to understand relations between visual attention and language in childrenâ€™s spatial skills. Cognitive Psychology, 2020, 117, 101264.	2.2	5
31	Load effects in attention: Comparing tasks and age groups. Attention, Perception, and Psychophysics, 2020, 82, 3072-3084.	1.3	5
32	Developmental Dynamics. , 2015, , 251-270.		5
33	Modulation of compatibility effects in response to experience: Two tests of initial and sequential learning. Attention, Perception, and Psychophysics, 2021, 83, 837-852.	1.3	4
34	What Technology Can and Cannot Do to Support Assessment of Non-cognitive Skills. Frontiers in Psychology, 2019, 10, 2168.	2.1	3
35	II. THE COGNITIVE DYNAMICS THEORY OF VISUAL WORKING MEMORY. Monographs of the Society for Research in Child Development, 2016, 81, 25-55.	6.8	2
36	Connecting the Dots: Finding Continuity Across Visuospatial Tasks and Development. Frontiers in Psychology, 2019, 10, 1685.	2.1	2

#	Article	IF	Citations
37	Integrating Perception and Working Memory in a Three-Layer Dynamic Field Model. , 2015, , 151-168.		2
38	Examining the role of external language support and childrenâ€™s own language use in spatial development. Journal of Experimental Child Psychology, 2022, 215, 105317.	1.4	2
39	Inconsistent flanker congruency effects across stimulus types and age groups: A cautionary tale. Behavior Research Methods, 2023, 55, 1778-1817.	4.0	2
40	III. EMPIRICAL TESTS OF PREDICTIONS COMPARING CAPACITY ESTIMATES ACROSS TASKS AND DEVELOPMENT. Monographs of the Society for Research in Child Development, 2016, 81, 56-81.	6.8	1
41	V. NEW QUESTIONS AND REMAINING CHALLENGES TO ACCOUNT FOR DEVELOPMENTAL IMPROVEMENTS IN VISUAL WORKING MEMORY. Monographs of the Society for Research in Child Development, 2016, 81, 109-127.	6.8	0
42	IV. MODEL SIMULATIONS TESTING THE REAL-TIME STABILITY HYPOTHESIS OF DEVELOPMENTAL CHANGES IN VISUAL WORKING MEMORY. Monographs of the Society for Research in Child Development, 2016, 81, 82-108.	6.8	0