

Sandra Hale

List of Publications by Year in descending order

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74
papers

5,139
citations

117453

34
h-index

88477

70
g-index

77
all docs

77
docs citations

77
times ranked

4127
citing authors

#	ARTICLE	IF	CITATIONS
1	Processing Speed, Working Memory, and Fluid Intelligence: Evidence for a Developmental Cascade. <i>Psychological Science</i> , 1996, 7, 237-241.	1.8	706
2	Relationships among processing speed, working memory, and fluid intelligence in children. <i>Biological Psychology</i> , 2000, 54, 1-34.	1.1	490
3	The information-loss model: A mathematical theory of age-related cognitive slowing.. <i>Psychological Review</i> , 1990, 97, 475-487.	2.7	430
4	The rise and fall in information-processing rates over the life span. <i>Acta Psychologica</i> , 1994, 86, 109-197.	0.7	250
5	Converging evidence that visuospatial cognition is more age-sensitive than verbal cognition.. <i>Psychology and Aging</i> , 2000, 15, 157-175.	1.4	222
6	A Global Developmental Trend in Cognitive Processing Speed. <i>Child Development</i> , 1990, 61, 653-663.	1.7	213
7	Cognitive Processing Speed in Older Adults: Relationship with White Matter Integrity. <i>PLoS ONE</i> , 2012, 7, e50425.	1.1	201
8	A Global Developmental Trend in Cognitive Processing Speed. <i>Child Development</i> , 1990, 61, 653.	1.7	193
9	How general is general slowing? Evidence from the lexical domain.. <i>Psychology and Aging</i> , 1991, 6, 416-425.	1.4	171
10	General slowing in semantic priming and word recognition.. <i>Psychology and Aging</i> , 1992, 7, 257-270.	1.4	117
11	Effects of Age, Domain, and Processing Demands on Memory Span: Evidence for Differential Decline. <i>Aging, Neuropsychology, and Cognition</i> , 2003, 10, 20-27.	0.7	106
12	Selective interference with the maintenance of location information in working memory.. <i>Neuropsychology</i> , 1996, 10, 228-240.	1.0	105
13	The structure of working memory abilities across the adult life span.. <i>Psychology and Aging</i> , 2011, 26, 92-110.	1.4	104
14	Cognitive Predictors of Improvements in Adults's Spoken Word Recognition Six Months after Cochlear Implant Activation. <i>Audiology and Neuro-Otology</i> , 2007, 12, 254-264.	0.6	98
15	Verbal and spatial working memory in school-age children: Developmental differences in susceptibility to interference.. <i>Developmental Psychology</i> , 1997, 33, 364-371.	1.2	94
16	Auditory-visual discourse comprehension by older and young adults in favorable and unfavorable conditions. <i>International Journal of Audiology</i> , 2008, 47, S31-S37.	0.9	85
17	Aging, Audiovisual Integration, and the Principle of Inverse Effectiveness. <i>Ear and Hearing</i> , 2010, 31, 636-644.	1.0	78
18	Individual and developmental differences in working memory across the life span. <i>Psychonomic Bulletin and Review</i> , 1999, 6, 28-40.	1.4	72

#	ARTICLE	IF	CITATIONS
19	Age, variability, and speed: Between-subjects diversity.. Psychology and Aging, 1988, 3, 407-410.	1.4	69
20	AGING AND INTRAINDIVIDUAL VARIABILITY IN PERFORMANCE: ANALYSES OF RESPONSE TIME DISTRIBUTIONS. Journal of the Experimental Analysis of Behavior, 2007, 88, 319-337.	0.8	69
21	Global Processing-Time Coefficients Characterize Individual and Group Differences in Cognitive Speed. Psychological Science, 1994, 5, 384-389.	1.8	67
22	Lipreading and audiovisual speech recognition across the adult lifespan: Implications for audiovisual integration.. Psychology and Aging, 2016, 31, 380-389.	1.4	65
23	Experimental evidence for differential slowing in the lexical and nonlexical domains. Aging, Neuropsychology, and Cognition, 1996, 3, 154-165.	0.7	62
24	How cognitive is psychomotor slowing in depression? evidence from a meta-analysis. Aging, Neuropsychology, and Cognition, 1997, 4, 166-174.	0.7	53
25	General cognitive slowing in the nonlexical domain: An experimental validation.. Psychology and Aging, 1991, 6, 512-521.	1.4	50
26	Similarities and differences between working memory and long-term memory: Evidence from the levels-of-processing span task.. Journal of Experimental Psychology: Learning Memory and Cognition, 2010, 36, 471-483.	0.7	49
27	Cross-Modal Enhancement of Speech Detection in Young and Older Adults: Does Signal Content Matter?. Ear and Hearing, 2011, 32, 650-655.	1.0	44
28	Behavioral evidence for brain-based ability factors in visuospatial information processing. Neuropsychologia, 2000, 38, 380-387.	0.7	43
29	Analysis of group differences in processing speed: Brinley plots, Q-Q plots, and other conspiracies. Psychonomic Bulletin and Review, 2003, 10, 224-237.	1.4	41
30	The difference engine: A model of diversity in speeded cognition. Psychonomic Bulletin and Review, 2003, 10, 262-288.	1.4	41
31	Differential Decline of Verbal and Visuospatial Processing Speed Across the Adult Life Span. Aging, Neuropsychology, and Cognition, 1998, 5, 129-146.	0.7	39
32	Listening Comprehension Across the Adult Lifespan. Ear and Hearing, 2011, 32, 775-781.	1.0	39
33	Pilot study of cognition in children with unilateral hearing loss. International Journal of Pediatric Otorhinolaryngology, 2013, 77, 1856-1860.	0.4	38
34	A regular relationship between old and young adults' latencies on their best, average and worst trials. Australian Journal of Psychology, 1988, 40, 195-210.	1.4	37
35	Learning, working memory, and intelligence revisited. Behavioural Processes, 2008, 78, 240-245.	0.5	33
36	Lipreading in School-Age Children: The Roles of Age, Hearing Status, and Cognitive Ability. Journal of Speech, Language, and Hearing Research, 2014, 57, 556-565.	0.7	33

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37	General lexical slowing and the semantic priming effect: The roles of age and ability. <i>Acta Psychologica</i> , 1997, 96, 83-101.	0.7	30
38	Effects of Early Auditory Deprivation on Working Memory and Reasoning Abilities in Verbal and Visuospatial Domains for Pediatric Cochlear Implant Recipients. <i>Ear and Hearing</i> , 2019, 40, 517-528.	1.0	27
39	Are There Age Differences in Intraindividual Variability in Working Memory Performance?. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2006, 61, P18-P24.	2.4	26
40	INDIVIDUAL DIFFERENCES, INTELLIGENCE, AND BEHAVIOR ANALYSIS. <i>Journal of the Experimental Analysis of Behavior</i> , 2008, 90, 219-231.	0.8	26
41	GLOBAL INCREASE IN RESPONSE LATENCIES BY EARLY MIDDLE AGE: COMPLEXITY EFFECTS IN INDIVIDUAL PERFORMANCES. <i>Journal of the Experimental Analysis of Behavior</i> , 1989, 52, 353-362.	0.8	25
42	Effects of practice on speed of information processing in children and adults: Age sensitivity and age invariance.. <i>Developmental Psychology</i> , 1993, 29, 880-892.	1.2	24
43	Working memory and articulation rate in children with spastic diplegic cerebral palsy.. <i>Neuropsychology</i> , 1994, 8, 180-186.	1.0	24
44	Age and individual differences in visuospatial processing speed: Testing the magnification hypothesis. <i>Psychonomic Bulletin and Review</i> , 2000, 7, 113-120.	1.4	24
45	Age-related dedifferentiation of visuospatial abilities. <i>Neuropsychologia</i> , 2002, 40, 2050-2056.	0.7	21
46	The effects of environmental support and secondary tasks on visuospatial working memory. <i>Memory and Cognition</i> , 2014, 42, 1118-1129.	0.9	21
47	Working memory following improvements in articulation rate in children with cerebral palsy. <i>Journal of the International Neuropsychological Society</i> , 1995, 1, 49-55.	1.2	19
48	Reading your own lips: Common-coding theory and visual speech perception. <i>Psychonomic Bulletin and Review</i> , 2013, 20, 115-119.	1.4	18
49	Individuals with low working memory spans show greater interference from irrelevant information because of poor source monitoring, not greater activation. <i>Memory and Cognition</i> , 2015, 43, 357-366.	0.9	18
50	Fifty years older, fifty percent slower? meta-analytic regression models and semantic context effects. <i>Aging, Neuropsychology, and Cognition</i> , 1995, 2, 132-145.	0.7	17
51	Age differences in item manipulation span: The case of letter-number sequencing.. <i>Psychology and Aging</i> , 2007, 22, 75-83.	1.4	16
52	Predicting the size of individual and. <i>Psychonomic Bulletin and Review</i> , 2007, 14, 534-541.	1.4	16
53	Cerebellar contribution to linguistic processing efficiency revealed by focal damage. <i>Journal of the International Neuropsychological Society</i> , 1998, 4, 491-501.	1.2	15
54	Contributions of associative learning to age and individual differences in fluid intelligence. <i>Intelligence</i> , 2012, 40, 518-529.	1.6	15

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55	General Slowing of Lexical and Nonlexical Information Processing in Dementia of the Alzheimer Type. <i>Aging, Neuropsychology, and Cognition</i> , 1998, 5, 182-193.	0.7	14
56	Are There Age Differences in the Executive Component of Working Memory? Evidence from Domain-General Interference Effects. <i>Aging, Neuropsychology, and Cognition</i> , 2009, 16, 633-653.	0.7	14
57	The self-advantage in visual speech processing enhances audiovisual speech recognition in noise. <i>Psychonomic Bulletin and Review</i> , 2015, 22, 1048-1053.	1.4	14
58	Age-Related Slowing in Online Samples. <i>Psychological Record</i> , 2015, 65, 649-655.	0.6	12
59	Cognitive Training for Adults With Bothersome Tinnitus. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2017, 143, 443.	1.2	12
60	Individual differences in COVID-19 mitigation behaviors: The roles of age, gender, psychological state, and financial status. <i>PLoS ONE</i> , 2021, 16, e0257658.	1.1	12
61	Children's higher order cognitive abilities and the development of secondary memory. <i>Psychonomic Bulletin and Review</i> , 2009, 16, 925-930.	1.4	10
62	Effects of age and environmental support for rehearsal on visuospatial working memory. <i>Psychology and Aging</i> , 2016, 31, 249-254.	1.4	10
63	Predicting performance on the Raven's Matrices: The roles of associative learning and retrieval efficiency. <i>Journal of Cognitive Psychology</i> , 2013, 25, 704-716.	0.4	8
64	Age Differences in the Effects of Speaking Rate on Auditory, Visual, and Auditory-Visual Speech Perception. <i>Ear and Hearing</i> , 2020, 41, 549-560.	1.0	8
65	Cross-modal Informational Masking of Lipreading by Babble. <i>Attention, Perception, and Psychophysics</i> , 2016, 78, 346-354.	0.7	7
66	Extended cascade models of age and individual differences in children's fluid intelligence. <i>Intelligence</i> , 2014, 46, 84-93.	1.6	6
67	Increased Connectivity among Sensory and Motor Regions during Visual and Audiovisual Speech Perception. <i>Journal of Neuroscience</i> , 2022, 42, 435-442.	1.7	5
68	Stocks and losses, items and interference: A reply to Oberauer and SÃ¼Ã¼Ã¼ (2000). <i>Psychonomic Bulletin and Review</i> , 2000, 7, 734-740.	1.4	4
69	Effects of environmental support on overt and covert visuospatial rehearsal. <i>Memory</i> , 2018, 26, 1042-1052.	0.9	4
70	Saying Versus Touching: Age Differences in Short-Term Memory Are Affected by the Type of Response. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2006, 61, P366-P368.	2.4	2
71	Guilty, Innocent, or Just Not Proven? Bayesian Verdicts in the Case of Inhibitory Deficits. <i>Experimental Aging Research</i> , 2021, 47, 203-219.	0.6	2
72	Response to Letter to the Editor: Do Pediatric Cochlear Implant Recipients Display Domain-General Sequencing Difficulties? A Comment on Davidson et al. (2019). <i>Ear and Hearing</i> , 2020, 41, 1055-1056.	1.0	1

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73	Predicting Audiovisual Word Recognition in Noisy Situations: Toward Precision Audiology. <i>Ear and Hearing</i> , 2021, 42, 1656-1667.	1.0	1
74	Making strides in modeling individual differences: Reply to Leite, Ratcliff, and White (2007). <i>Psychonomic Bulletin and Review</i> , 2010, 17, 756-762.	1.4	0