

Michael J Wenger

List of Publications by Year in descending order

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69
papers

1,931
citations

279798

23
h-index

254184

43
g-index

72
all docs

72
docs citations

72
times ranked

1379
citing authors

#	ARTICLE	IF	CITATIONS
1	A Theory of Interactive Parallel Processing: New Capacity Measures and Predictions for a Response Time Inequality Series.. Psychological Review, 2004, 111, 1003-1035.	3.8	244
2	Consuming Iron Biofortified Beans Increases Iron Status in Rwandan Women after 128 Days in a Randomized Controlled Feeding Trial. Journal of Nutrition, 2016, 146, 1586-1592.	2.9	145
3	A Randomized Trial of Iron-Biofortified Pearl Millet in School Children in India ., Journal of Nutrition, 2015, 145, 1576-1581.	2.9	128
4	The serial-parallel dilemma: A case study in a linkage of theory and method. Psychonomic Bulletin and Review, 2004, 11, 391-418.	2.8	123
5	Holistic processing of faces: Perceptual and decisional components.. Journal of Experimental Psychology: Learning Memory and Cognition, 2008, 34, 328-342.	0.9	107
6	Basic Response Time Tools for Studying General Processing Capacity in Attention, Perception, and Cognition. Journal of General Psychology, 2000, 127, 67-99.	2.8	87
7	Cognitive Performance in Indian School-Going Adolescents Is Positively Affected by Consumption of Iron-Biofortified Pearl Millet: A 6-Month Randomized Controlled Efficacy Trial. Journal of Nutrition, 2018, 148, 1462-1471.	2.9	67
8	Are Biofortified Staple Food Crops Improving Vitamin A and Iron Status in Women and Children? New Evidence from Efficacy Trials. Advances in Nutrition, 2014, 5, 568-570.	6.4	66
9	Consumption of Iron-Biofortified Beans Positively Affects Cognitive Performance in 18- to 27-Year-Old Rwandan Female College Students in an 18-Week Randomized Controlled Efficacy Trial. Journal of Nutrition, 2017, 147, 2109-2117.	2.9	60
10	Using Hazard Functions to Assess Changes in Processing Capacity in an Attentional Cuing Paradigm.. Journal of Experimental Psychology: Human Perception and Performance, 2004, 30, 708-719.	0.9	52
11	Learning to Associate Auditory and Visual Stimuli: Behavioral and Neural Mechanisms. Brain Topography, 2015, 28, 479-493.	1.8	52
12	Preserving Informational Separability and Violating Decisional Separability in Facial Perception and Recognition.. Journal of Experimental Psychology: Learning Memory and Cognition, 2003, 29, 1106-1118.	0.9	51
13	A strong test of the dual-mode hypothesis. Perception & Psychophysics, 2005, 67, 14-35.	2.3	48
14	A decisional component of holistic encoding. Journal of Experimental Psychology: Learning Memory and Cognition, 2002, 28, 872-92.	0.9	47
15	Processing capacity under perceptual and cognitive load: A closer look at load theory.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 781-798.	0.9	43
16	Exploring the relations between categorization and decision making with regard to realistic face stimuli. Pragmatics and Cognition, 2000, 8, 83-105.	0.4	40
17	On the costs and benefits of faces and words: Process characteristics of feature search in highly meaningful stimuli.. Journal of Experimental Psychology: Human Perception and Performance, 2006, 32, 755-779.	0.9	40
18	Double-Fortified Salt Is Efficacious in Improving Indicators of Iron Deficiency in Female Indian Tea Pickers. Journal of Nutrition, 2014, 144, 957-964.	2.9	39

#	ARTICLE	IF	CITATIONS
19	Variants of independence in the perception of facial identity and expression.. Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 133-155.	0.9	33
20	Modeling and estimating recall processing capacity: Sensitivity and diagnostic utility in application to mild cognitive impairment. Journal of Mathematical Psychology, 2010, 54, 73-89.	1.8	29
21	Spatial frequencies in short-term memory for faces: A test of three frequency-dependent hypotheses. Memory and Cognition, 2000, 28, 125-142.	1.6	28
22	Evidence for the role of self-priming in epistemic action: Expertise and the effective use of memory. Acta Psychologica, 2008, 127, 72-88.	1.5	27
23	Perceptual and decisional factors influencing the discrimination of inversion in the Thatcher illusion.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 645-668.	0.9	24
24	The influence of anxiety on processing capacity for threat detection. Psychonomic Bulletin and Review, 2011, 18, 883-889.	2.8	23
25	Changes in Iron Status Are Related to Changes in Brain Activity and Behavior in Rwandan Female University Students: Results from a Randomized Controlled Efficacy Trial Involving Iron-Biofortified Beans. Journal of Nutrition, 2019, 149, 687-697.	2.9	23
26	Perceptual learning in contrast detection: presence and cost of shifts in response criteria. Psychonomic Bulletin and Review, 2006, 13, 656-661.	2.8	22
27	Evidence for criterion shifts in visual perceptual learning: Data and implications. Perception & Psychophysics, 2008, 70, 1248-1273.	2.3	22
28	Consumption of a Double-Fortified Salt Affects Perceptual, Attentional, and Mnemonic Functioning in Women in a Randomized Controlled Trial in India. Journal of Nutrition, 2017, 147, 2297-2308.	2.9	22
29	Effect of iron deficiency on simultaneous measures of behavior, brain activity, and energy expenditure in the performance of a cognitive task. Nutritional Neuroscience, 2019, 22, 196-206.	3.1	20
30	Effects of Speech Intelligibility Level on Concurrent Visual Task Performance. Human Factors, 1994, 36, 441-475.	3.5	17
31	On the acquisition of mnemonic skill: Application of skilled memory theory.. Journal of Experimental Psychology: Applied, 1995, 1, 194-215.	1.2	17
32	Converging operations and the role of perceptual and decisional influences on the perception of faces: Neural and behavioral evidence. Brain and Cognition, 2018, 122, 59-75.	1.8	16
33	Identifying Sources of Configurality in Three Face Processing Tasks. Frontiers in Psychology, 2012, 3, 456.	2.1	15
34	A measure for assessing the effects of audiovisual speech integration. Behavior Research Methods, 2014, 46, 406-415.	4.0	14
35	Repeated recall of pictures, words, and riddles: Increasing subjective organization is not sufficient for producing hypermnnesia. Bulletin of the Psychonomic Society, 1992, 30, 407-410.	0.2	13
36	Neural dynamics of audiovisual speech integration under variable listening conditions: an individual participant analysis. Frontiers in Psychology, 2013, 4, 615.	2.1	12

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37	Double Fortified Salt Intervention Improved Iron Intake But Not Energy and Other Nutrient Intakes in Female Tea Plantation Workers From West Bengal, India. <i>Food and Nutrition Bulletin</i> , 2017, 38, 369-383.	1.4	10
38	On the rhetorical contract in human-computer interaction. <i>Computers in Human Behavior</i> , 1991, 7, 245-262.	8.5	9
39	An Empirical Method of Assessing Topic Familiarity in Reading Comprehension Research. <i>British Educational Research Journal</i> , 1991, 17, 353-360.	2.5	9
40	An Investigation of Perceptual and Decisional Influences on the Perception of Hierarchical Forms. <i>Perception</i> , 2006, 35, 511-529.	1.2	9
41	Interactive Parallel Models: No Virginia, Violation of Miller's Race Inequality does not Imply Coactivation and Yes Virginia, Context Invariance is Testable. <i>The Quantitative Methods for Psychology</i> , 2020, 16, 192-212.	0.9	9
42	Selective disruption of hypermnesia for pictures and words. <i>Memory and Cognition</i> , 1994, 22, 542-551.	1.6	8
43	Reduced Text Structure at Two Text Levels: Impacts on the Performance of Technical Readers. <i>Journal of Technical Writing and Communication</i> , 1993, 23, 333-352.	1.6	7
44	The McGurk effect: An investigation of attentional capacity employing response times. <i>Attention, Perception, and Psychophysics</i> , 2016, 78, 1712-1727.	1.3	7
45	Perceptual learning produces perceptual objects.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2020, 46, 455-475.	0.9	6
46	Cue integration across study tasks and direct and indirect retrieval instructions: Implications for the study of retrieval processes.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 1997, 23, 102-122.	0.9	5
47	Improving Memory Through Practice. , 1992, , 187-209.		5
48	Multidimensional signal detection decision models of the uncertainty task: Application to face perception. <i>Journal of Mathematical Psychology</i> , 2015, 66, 16-33.	1.8	4
49	The Role of Configurality in the Thatcher Illusion: An ERP Study. <i>Psychonomic Bulletin and Review</i> , 2015, 22, 445-452.	2.8	4
50	Electrophysiological resting state brain network and episodic memory in healthy aging adults. <i>NeuroImage</i> , 2022, 253, 118926.	4.2	4
51	Ontogenetic differences in variability on simple measures of learning: Theoretical and practical implications. , 1996, 29, 219-239.		3
52	The misrepresentation of spatial uncertainty in visual search: Single- versus joint-distribution probability cues. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 603-623.	1.3	3
53	Variations in body iron status determine variations in body energy expenditure and brain dynamics as a function of perceptual and cognitive workload. <i>FASEB Journal</i> , 2013, 27, 840.14.	0.5	2
54	On the Dynamic Perceptual Characteristics of Gestalten. , 0, , .		2

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55	The Technical Communicator's Guide to Understanding Statistics and Research Design. Journal of Technical Writing and Communication, 1991, 21, 207-219.	1.6	1
56	Models for the statistics and mechanisms of response speed and accuracy. Psychometrika, 2005, 70, 383-388.	2.1	1
57	Limited Shared Variance among Measures of Cognitive Performance Used in Nutrition Research: The Need to Prioritize Construct Validity and Biological Mechanisms in Choice of Measures. Current Developments in Nutrition, 2021, 5, nzab070.	0.3	1
58	Double-fortified salt improves iron status of female Indian tea pluckers. FASEB Journal, 2011, 25, .	0.5	1
59	Effects of double-fortified salt on perceptual and cognitive performance in women. FASEB Journal, 2011, 25, .	0.5	1
60	Brain dynamics as a function of iron status: Relating electroencephalographic (EEG) patterns and body iron measures in Indian adolescents. FASEB Journal, 2013, 27, 845.6.	0.5	1
61	Effects of shifts in response preferences on characteristics of representation and real-time processing: An application to the Hering illusion. Attention, Perception, and Psychophysics, 2022, 84, 101-123.	1.3	1
62	Exploring the relationship between response time, sensitivity and bias in categorical and coordinate visuospatial processes: Evidence for hemispheric specialisation. Journal of Cognitive Psychology, 2014, 26, 423-432.	0.9	0
63	A beginning quantitative taxonomy of cognitive activation systems and application to continuous flow processes. Attention, Perception, and Psychophysics, 2021, 83, 748-762.	1.3	0
64	Iron status and variations in electroencephalography (EEG) during five cognitive tasks in Indian adolescents. FASEB Journal, 2012, 26, 1031.14.	0.5	0
65	Think Globally, Connect Locally. PsycCritiques, 1999, 44, 521-524.	0.0	0
66	Perceptual learning for multiple features: Neural correlates of changes in RT-based measures of processing dependencies. Journal of Vision, 2015, 15, 1129.	0.3	0
67	The Continuing Evolution of Systems Factorial Theory: Connecting Theory with Behavioral and Neural Data. , 2017, , 335-350.		0
68	Iron Deficiency Is Related to Altered Behavior After Rewards and Penalties. Journal of Vision, 2019, 19, 277b.	0.3	0
69	EXPRESS: Don't be a Square: The Processing Mechanisms Characterizing the Elemental Dimensions of Width and Height.. Quarterly Journal of Experimental Psychology, 2022, , 174702182210969.	1.1	0