

Hierarchical Encoding in Visual Working Memory

Psychological Science

22, 384-392

DOI: [10.1177/0956797610397956](https://doi.org/10.1177/0956797610397956)

Citation Report

#	ARTICLE	IF	CITATIONS
1	A review of visual memory capacity: Beyond individual items and toward structured representations. <i>Journal of Vision</i> , 2011, 11, 4-4.	0.1	342
2	Grouping and binding in visual short-term memory.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2012, 38, 1432-1438.	0.7	24
3	An ideal observer analysis of visual working memory.. <i>Psychological Review</i> , 2012, 119, 807-830.	2.7	112
4	Sources of Bias in Retrospective Decision Making: Experimental Evidence on Voters's™ Limitations in Controlling Incumbents. <i>American Political Science Review</i> , 2012, 106, 720-741.	2.6	214
5	Calculation of the mean circle size does not circumvent the bottleneck of crowding. <i>Journal of Vision</i> , 2012, 12, 13-13.	0.1	9
6	Does high memory load kick task-irrelevant information out of visual working memory?. <i>Psychonomic Bulletin and Review</i> , 2012, 19, 218-224.	1.4	22
7	Is the whole really more than the sum of its parts? Estimates of average size and orientation are susceptible to object substitution masking.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013, 39, 233-244.	0.7	23
8	Processing statistics: An examination of focused and distributed attention using event related potentials. <i>Vision Research</i> , 2013, 85, 20-25.	0.7	16
9	Visual Long-Term Memory Has the Same Limit on Fidelity as Visual Working Memory. <i>Psychological Science</i> , 2013, 24, 981-990.	1.8	149
10	Size averaging of irrelevant stimuli cannot be prevented. <i>Vision Research</i> , 2013, 79, 8-16.	0.7	53
11	Internal attention to features in visual short-term memory guides object learning. <i>Cognition</i> , 2013, 129, 292-308.	1.1	26
12	Viewers extract mean and individual identity from sets of famous faces. <i>Cognition</i> , 2013, 128, 56-63.	1.1	83
13	A probabilistic clustering theory of the organization of visual short-term memory.. <i>Psychological Review</i> , 2013, 120, 297-328.	2.7	75
14	Modeling visual working memory with the MemToolbox. <i>Journal of Vision</i> , 2013, 13, 9-9.	0.1	161
15	A probabilistic model of visual working memory: Incorporating higher order regularities into working memory capacity estimates.. <i>Psychological Review</i> , 2013, 120, 85-109.	2.7	156
16	Does Visual Working Memory Work as a Few Fixed Slots?. <i>Quarterly Journal of Experimental Psychology</i> , 2013, 66, 2103-2117.	0.6	3
17	Environment sensitivity in hierarchical representations. <i>Visual Cognition</i> , 2013, 21, 693-697.	0.9	1
18	Developmental changes in visual short-term memory in infancy: evidence from eye-tracking. <i>Frontiers in Psychology</i> , 2013, 4, 697.	1.1	49

#	ARTICLE	IF	CITATIONS
19	Ensemble crowd perception: A viewpoint-invariant mechanism to represent average crowd identity. <i>Journal of Vision</i> , 2014, 14, 26-26.	0.1	48
20	Feature-Binding Errors After Eye Movements and Shifts of Attention. <i>Psychological Science</i> , 2014, 25, 1067-1078.	1.8	56
21	Spatial working memory in children with high-functioning autism: Intact configural processing but impaired capacity.. <i>Journal of Abnormal Psychology</i> , 2014, 123, 248-257.	2.0	29
22	Summary statistics of size: Fixed processing capacity for multiple ensembles but unlimited processing capacity for single ensembles.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2014, 40, 1440-1449.	0.7	40
23	An information capacity limitation of visual short-term memory.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2014, 40, 2214-2242.	0.7	28
25	Factorial comparison of working memory models.. <i>Psychological Review</i> , 2014, 121, 124-149.	2.7	225
26	Interaction between categorical knowledge and episodic memory across domains. <i>Frontiers in Psychology</i> , 2014, 5, 584.	1.1	15
27	Getting the gist of multiple hues: metric and categorical effects on ensemble perception of hue. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2014, 31, A93.	0.8	42
28	Visual memory performance for color depends on spatiotemporal context. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 1873-1884.	0.7	4
29	Sequential dynamics in visual short-term memory. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 1885-1901.	0.7	23
30	Changing concepts of working memory. <i>Nature Neuroscience</i> , 2014, 17, 347-356.	7.1	799
31	Parallel averaging of size is possible but range-limited: A reply to Marchant, Simons, and De Fockert. <i>Acta Psychologica</i> , 2014, 146, 7-18.	0.7	54
32	Hierarchical Encoding Makes Individuals in a Group Seem More Attractive. <i>Psychological Science</i> , 2014, 25, 230-235.	1.8	90
33	People perception: Social vision of groups and consequences for organizing and interacting. <i>Research in Organizational Behavior</i> , 2014, 34, 101-127.	0.9	31
34	The Adaptive Nature of Visual Working Memory. <i>Current Directions in Psychological Science</i> , 2014, 23, 164-170.	2.8	31
35	Spatiotemporal configuration of memory arrays as a component of VWM representations. <i>Visual Cognition</i> , 2014, 22, 948-962.	0.9	6
36	Viewpoint-dependent representation of contextual information in visual working memory. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 663-668.	0.7	5
37	The binding pool: A model of shared neural resources for distinct items in visual working memory. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 2136-2157.	0.7	69

#	ARTICLE	IF	CITATIONS
38	Toward ecologically realistic theories in visual short-term memory research. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 2158-2170.	0.7	28
39	Terms of the debate on the format and structure of visual memory. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 2071-2079.	0.7	60
40	Effects of spatial configurations on the resolution of spatial working memory. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 2276-2285.	0.7	17
41	The unrealized promise of infant statistical word referent learning. <i>Trends in Cognitive Sciences</i> , 2014, 18, 251-258.	4.0	80
42	Mean Size as a Unit of Visual Working Memory. <i>Perception</i> , 2014, 43, 663-676.	0.5	34
43	Neural circuit basis of visuo-spatial working memory precision: a computational and behavioral study. <i>Journal of Neurophysiology</i> , 2015, 114, 1806-1818.	0.9	65
44	The impact of interference on short-term memory for visual orientation.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2015, 41, 1650-1665.	0.7	68
45	Probability shapes perceptual precision: A study in orientation estimation.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2015, 41, 1666-1679.	0.7	7
46	Viewers extract the mean from images of the same person: A route to face learning. <i>Journal of Vision</i> , 2015, 15, 1.	0.1	53
47	The perceptual processing capacity of summary statistics between and within feature dimensions. <i>Journal of Vision</i> , 2015, 15, 9.	0.1	14
48	Ensemble summary statistics as a basis for rapid visual categorization. <i>Journal of Vision</i> , 2015, 15, 8.	0.1	37
49	Ensemble clustering in visual working memory biases location memories and reduces the Weber noise of relative positions. <i>Journal of Vision</i> , 2015, 15, 10.	0.1	37
50	Contextual effects in visual working memory reveal hierarchically structured memory representations. <i>Journal of Vision</i> , 2015, 15, 6.	0.1	60
51	Gender differences in crowd perception. <i>Frontiers in Psychology</i> , 2015, 6, 1300.	1.1	17
52	Executive Functioning and Visual Working Memory. <i>Applied Neuropsychology Adult</i> , 2015, 22, 100-107.	0.7	6
53	A snapshot is all it takes to encode object locations into spatial memory. <i>Vision Research</i> , 2015, 107, 133-145.	0.7	11
54	The reliability and internal consistency of one-shot and flicker change detection for measuring individual differences in visual working memory capacity. <i>Memory and Cognition</i> , 2015, 43, 397-420.	0.9	22
55	Individual differences in ensemble perception reveal multiple, independent levels of ensemble representation.. <i>Journal of Experimental Psychology: General</i> , 2015, 144, 432-446.	1.5	101

#	ARTICLE	IF	CITATIONS
56	Spikes not slots: noise in neural populations limits working memory. Trends in Cognitive Sciences, 2015, 19, 431-438.	4.0	135
57	No evidence for a fixed object limit in working memory: Spatial ensemble representations inflate estimates of working memory capacity for complex objects.. Journal of Experimental Psychology: Learning Memory and Cognition, 2015, 41, 921-929.	0.7	77
58	A Group's Physical Attractiveness Is Greater Than the Average Attractiveness of Its Members. Personality and Social Psychology Bulletin, 2015, 41, 559-574.	1.9	33
59	Effect of Decision Load on Whole-Display Superiority in Change Detection. Attention, Perception, and Psychophysics, 2015, 77, 749-758.	0.7	5
60	The capacity limitations of orientation summary statistics. Attention, Perception, and Psychophysics, 2015, 77, 1116-1131.	0.7	31
61	Visual Decisions in the Presence of Measurement and Stimulus Correlations. Neural Computation, 2015, 27, 2318-2353.	1.3	1
62	Divided spatial attention and feature-mixing errors. Attention, Perception, and Psychophysics, 2015, 77, 2562-2569.	0.7	33
63	Scale invariance of temporal order discrimination using complex, naturalistic events. Cognition, 2015, 140, 111-121.	1.1	13
64	When past is present: Substitutions of long-term memory for sensory evidence in perceptual judgments. Journal of Vision, 2016, 16, 1.	0.1	10
65	Memory for a single object has differently variable precisions for relevant and irrelevant features. Journal of Vision, 2016, 16, 32.	0.1	22
66	The cost of parallel consolidation into visual working memory. Journal of Vision, 2016, 16, 1.	0.1	8
67	Processing of Individual Items during Ensemble Coding of Facial Expressions. Frontiers in Psychology, 2016, 7, 1332.	1.1	34
68	Memory-based attention capture when multiple items are maintained in visual working memory.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 911-917.	0.7	72
69	Sensory processing patterns predict the integration of information held in visual working memory.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 294-301.	0.7	9
70	Rate-distortion theory and human perception. Cognition, 2016, 152, 181-198.	1.1	76
71	What is the Bandwidth of Perceptual Experience?. Trends in Cognitive Sciences, 2016, 20, 324-335.	4.0	229
72	Visual statistical learning of temporal structures at different hierarchical levels. Attention, Perception, and Psychophysics, 2016, 78, 1308-1323.	0.7	6
73	Detection of the number of changes in a display in working memory.. Journal of Experimental Psychology: Learning Memory and Cognition, 2016, 42, 169-185.	0.7	10

#	ARTICLE	IF	CITATIONS
74	Fragile associations coexist with robust memories for precise details in long-term memory.. Journal of Experimental Psychology: Learning Memory and Cognition, 2016, 42, 379-393.	0.7	9
75	Evaluating and excluding swap errors in analogue tests of working memory. Scientific Reports, 2016, 6, 19203.	1.6	66
76	Disentangling boundary extension and normalization of view memory for scenes. Visual Cognition, 2016, 24, 356-368.	0.9	4
77	A novel approach to investigate recursion and iteration in visual hierarchical processing. Behavior Research Methods, 2016, 48, 1421-1442.	2.3	15
78	Visual working memory organization is subject to top-down control. Psychonomic Bulletin and Review, 2016, 23, 1181-1189.	1.4	12
79	Feature-based attentional weighting and spreading in visual working memory. Scientific Reports, 2017, 7, 42384.	1.6	37
80	Reconstructing the recent visual past: Hierarchical knowledge-based effects in visual working memory. Psychonomic Bulletin and Review, 2017, 24, 1889-1899.	1.4	3
81	Prioritizing Information during Working Memory: Beyond Sustained Internal Attention. Trends in Cognitive Sciences, 2017, 21, 449-461.	4.0	275
82	Hierarchical organization in visual working memory: From global ensemble to individual object structure. Cognition, 2017, 159, 85-96.	1.1	24
83	Ensemble coding remains accurate under object and spatial visual working memory load. Attention, Perception, and Psychophysics, 2017, 79, 2088-2097.	0.7	14
84	Fechner's law in metacognition: A quantitative model of visual working memory confidence.. Psychological Review, 2017, 124, 197-214.	2.7	67
85	Visual perception as retrospective Bayesian decoding from high- to low-level features. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9115-E9124.	3.3	30
86	Differential hemispheric and visual stream contributions to ensemble coding of crowd emotion. Nature Human Behaviour, 2017, 1, 828-842.	6.2	33
87	Learning features in a complex and changing environment: A distribution-based framework for visual attention and vision in general. Progress in Brain Research, 2017, 236, 97-120.	0.9	18
88	Interactions between visual working memory representations. Attention, Perception, and Psychophysics, 2017, 79, 2376-2395.	0.7	69
89	Children's representation of abstract relations in relational/array match-to-sample tasks. Cognitive Psychology, 2017, 99, 17-43.	0.9	33
90	Discrete item-based and continuous configural representations in visual short-term memory. Visual Cognition, 2017, 25, 21-33.	0.9	8
91	Headphone screening to facilitate web-based auditory experiments. Attention, Perception, and Psychophysics, 2017, 79, 2064-2072.	0.7	246

#	ARTICLE	IF	CITATIONS
92	No evidence for binding of items to task-irrelevant backgrounds in visual working memory. <i>Memory and Cognition</i> , 2017, 45, 1144-1159.	0.9	8
93	The Whole Warps the Sum of Its Parts. <i>Psychological Science</i> , 2017, 28, 12-22.	1.8	31
94	Vidno radno pamÄenje. <i>Psihologijske Teme</i> , 2017, 26, 601-625.	0.1	0
95	Beware of Selfies: The Impact of Photo Type on Impression Formation Based on Social Networking Profiles. <i>Frontiers in Psychology</i> , 2017, 8, 188.	1.1	44
96	Prior Knowledge of Object Associations Shapes Attentional Templates and Information Acquisition. <i>Frontiers in Psychology</i> , 2017, 8, 843.	1.1	5
97	Working Memory: The Information You Are Now Thinking of. , 2017, , 147-161.		7
98	The numerosity and mean size of multiple objects are perceived independently and in parallel. <i>PLoS ONE</i> , 2017, 12, e0185452.	1.1	17
99	Behavioral and neural constraints on hierarchical representations. <i>Journal of Vision</i> , 2017, 17, 13.	0.1	2
100	Mean emotion from multiple facial expressions can be extracted with limited attention: Evidence from visual ERPs. <i>Neuropsychologia</i> , 2018, 111, 92-102.	0.7	15
101	Visual memory, the long and the short of it: A review of visual working memory and long-term memory. <i>Attention, Perception, and Psychophysics</i> , 2018, 80, 1035-1056.	0.7	46
102	Visuospatial asymmetries do not modulate the cheerleader effect. <i>Scientific Reports</i> , 2018, 8, 2548.	1.6	17
103	Perceived Average Orientation Reflects Effective Gist of the Surface. <i>Psychological Science</i> , 2018, 29, 319-327.	1.8	12
104	Object representations are biased toward each other through statistical learning. <i>Visual Cognition</i> , 2018, 26, 253-267.	0.9	4
105	Ensemble Perception. <i>Annual Review of Psychology</i> , 2018, 69, 105-129.	9.9	286
106	The effects of categorical similarity and feature-space proximity on visual working memory processing. <i>Visual Cognition</i> , 2018, 26, 100-114.	0.9	4
107	The Importance of Retrieval Context in Visual Working Memory. <i>Clinical and Experimental Psychology</i> , 2018, 04, .	0.1	0
108	Different Features are Stored Independently in Visual Working Memory but Mediated by Object-Based Representations. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
109	How to Evaluate an Evaluation Study? Comparing and Contrasting Practices in Vis with Those of Other Disciplines : Position Paper. , 2018, , .		8

#	ARTICLE	IF	CITATIONS
110	Ensemble statistics accessed through proxies: Range heuristic and dependence on low-level properties in variability discrimination. <i>Journal of Vision</i> , 2018, 18, 3.	0.1	15
111	Ensemble representation for multiple facial expressions: Evidence for a capacity limited perceptual process. <i>Journal of Vision</i> , 2018, 18, 17.	0.1	11
112	A two-level hierarchical framework of visual short-term memory. <i>Journal of Vision</i> , 2018, 18, 2.	0.1	3
113	Chunking as a rational strategy for lossy data compression in visual working memory.. <i>Psychological Review</i> , 2018, 125, 486-511.	2.7	67
114	Impact of spatial grouping on mean size estimation. <i>Attention, Perception, and Psychophysics</i> , 2018, 80, 1847-1862.	0.7	10
115	Correcting "confusability regions" in face morphs. <i>Behavior Research Methods</i> , 2018, 50, 1686-1693.	2.3	4
116	Capacity limit of ensemble perception of multiple spatially intermixed sets. <i>Attention, Perception, and Psychophysics</i> , 2018, 80, 2033-2047.	0.7	6
117	Ensemble perception of facial attractiveness. <i>Journal of Vision</i> , 2018, 18, 7.	0.1	20
118	Relating the perception of visual ensemble statistics to individual levels of autistic traits. <i>Attention, Perception, and Psychophysics</i> , 2018, 80, 1667-1674.	0.7	14
119	Error-correcting dynamics in visual working memory. <i>Nature Communications</i> , 2019, 10, 3366.	5.8	73
120	Limited evidence of hierarchical encoding in the cheerleader effect. <i>Scientific Reports</i> , 2019, 9, 9329.	1.6	16
121	The transition from feature to object: Storage unit in visual working memory depends on task difficulty. <i>Memory and Cognition</i> , 2019, 47, 1498-1514.	0.9	7
122	Visual working memory directly alters perception. <i>Nature Human Behaviour</i> , 2019, 3, 827-836.	6.2	56
123	Reorganization of spatial configurations in visual working memory: A matter of set size?. <i>PLoS ONE</i> , 2019, 14, e0225068.	1.1	2
124	The separable effects of feature precision and item load in visual short-term memory. <i>Journal of Vision</i> , 2019, 19, 2.	0.1	8
125	Scene layout priming relies primarily on low-level features rather than scene layout. <i>Journal of Vision</i> , 2019, 19, 14.	0.1	4
126	What can half a million change detection trials tell us about visual working memory?. <i>Cognition</i> , 2019, 191, 103984.	1.1	20
127	Independence of viewpoint and identity in face ensemble processing. <i>Journal of Vision</i> , 2019, 19, 2.	0.1	7

#	ARTICLE	IF	CITATIONS
128	Self-Construal Priming Modulates Ensemble Perception of Multiple-Face Identities. <i>Frontiers in Psychology</i> , 2019, 10, 1096.	1.1	4
129	When "capacity" changes with set size: Ensemble representations support the detection of across-category changes in visual working memory. <i>Journal of Vision</i> , 2019, 19, 3.	0.1	11
130	Scaling up visual attention and visual working memory to the real world. <i>Psychology of Learning and Motivation - Advances in Research and Theory</i> , 2019, 70, 29-69.	0.5	10
131	Laws of concatenated perception: Vision goes for novelty, decisions for perseverance. <i>PLoS Biology</i> , 2019, 17, e3000144.	2.6	113
132	Memory of Ensemble Representation Was Independent of Attention. <i>Frontiers in Psychology</i> , 2019, 10, 228.	1.1	6
133	Adaptive allocation of human visual working memory capacity during statistical and categorical learning. <i>Journal of Vision</i> , 2019, 19, 11.	0.1	21
134	Current directions in visual working memory research: An introduction and emerging insights. <i>British Journal of Psychology</i> , 2019, 110, 193-206.	1.2	7
135	Flexible representations in visual working memory and interactions with long-term learning: Commentary on the special issue. <i>British Journal of Psychology</i> , 2019, 110, 449-460.	1.2	3
136	Efekt privlaĝenja u vidnom radnom pamĝenju. <i>Psihologijske Teme</i> , 2019, 28, 441-460.	0.1	0
137	Ensemble representations reveal distinct neural coding of visual working memory. <i>Nature Communications</i> , 2019, 10, 5665.	5.8	18
138	Prior experience informs ensemble encoding. <i>Psychonomic Bulletin and Review</i> , 2019, 26, 993-1000.	1.4	10
139	Facial expressions of authenticity: Emotion variability increases judgments of trustworthiness and leadership. <i>Cognition</i> , 2019, 183, 82-98.	1.1	18
140	Separating memoranda in depth increases visual working memory performance. <i>Journal of Vision</i> , 2019, 19, 4.	0.1	12
141	Two good reasons to say "change!" " ensemble representations as well as item representations impact standard measures of VWM capacity. <i>British Journal of Psychology</i> , 2019, 110, 328-356.	1.2	7
142	The structure of illusory conjunctions reveals hierarchical binding of multipart objects. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 550-563.	0.7	7
143	Biased Average Position Estimates in Line and Bar Graphs: Underestimation, Overestimation, and Perceptual Pull. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2020, 26, 301-310.	2.9	18
144	Value associations bias ensemble perception. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 109-117.	0.7	12
145	Feature-specificity in visual statistical summary processing. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 852-864.	0.7	11

#	ARTICLE	IF	CITATIONS
146	Statistical summary representations of bound features. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 840-851.	0.7	5
147	The influence of object structure on visual short-term memory for multipart objects. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 1613-1631.	0.7	0
148	Distinguishing target biases and strategic guesses in visual working memory. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 1258-1270.	0.7	9
149	(Re-)organisation of spatial configurations in visual working memory: The fate of objects rendered relevant or irrelevant by selective attention. <i>Quarterly Journal of Experimental Psychology</i> , 2020, 73, 2246-2259.	0.6	1
150	Effects of Selective Attention on Mean-Size Computation: Weighted Averaging and Perceptual Enlargement. <i>Psychological Science</i> , 2020, 31, 1261-1271.	1.8	12
151	A crowd of emotional voices influences the perception of emotional faces: Using adaptation, stimulus salience, and attention to probe audio-visual interactions for emotional stimuli. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 3973-3992.	0.7	3
152	Cognitive aging and verbal labeling in continuous visual memory. <i>Memory and Cognition</i> , 2020, 48, 1196-1213.	0.9	8
153	Psychophysical scaling reveals a unified theory of visual memory strength. <i>Nature Human Behaviour</i> , 2020, 4, 1156-1172.	6.2	104
154	Parietal-Prefrontal Feedforward Connectivity in Association With Schizophrenia Genetic Risk and Delusions. <i>American Journal of Psychiatry</i> , 2020, 177, 1151-1158.	4.0	11
155	Beyond action observation: Neurobehavioral mechanisms of memory for visually perceived bodies and actions. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 116, 508-518.	2.9	17
156	Tracking two pleasures. <i>Psychonomic Bulletin and Review</i> , 2020, 27, 330-340.	1.4	2
157	The cheerleader effect is robust to experimental manipulations of presentation time. <i>Journal of Cognitive Psychology</i> , 2020, 32, 553-561.	0.4	7
158	The basis of report-difference superiority in delayed perceptual comparison tasks. <i>Memory and Cognition</i> , 2020, 48, 856-869.	0.9	0
159	One bad apple spoils the whole bushel: The neural basis of outlier processing. <i>NeuroImage</i> , 2020, 211, 116629.	2.1	10
160	Visual chunking as a strategy for spatial thinking in STEM. <i>Cognitive Research: Principles and Implications</i> , 2020, 5, 18.	1.1	11
161	Five dichotomies in the psychophysics of ensemble perception. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 904-910.	0.7	7
162	An explicit investigation of the roles that feature distributions play in rapid visual categorization. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 1050-1069.	0.7	12
163	Truth or Square: Aspect Ratio Biases Recall of Position Encodings. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 1054-1062.	2.9	9

#	ARTICLE	IF	CITATIONS
164	Flexible Working Memory Through Selective Gating and Attentional Tagging. <i>Neural Computation</i> , 2021, 33, 1-40.	1.3	20
165	Ensemble perception includes information from multiple spatial scales. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 982-997.	0.7	2
166	The role of category- and exemplar-specific experience in ensemble processing of objects. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 1080-1093.	0.7	4
167	The priority for access to awareness of information matching VWM is mirror-invariant. <i>Cognition</i> , 2021, 206, 104463.	1.1	2
168	Incidental encoding of visual information in temporal reference frames in working memory. <i>Cognition</i> , 2021, 207, 104526.	1.1	12
169	Metacognition of average face perception. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 1036-1048.	0.7	5
170	The "cheerleader effect" in facial and bodily attractiveness: A result of memory bias and not perceptual encoding. <i>Quarterly Journal of Experimental Psychology</i> , 2021, 74, 972-980.	0.6	6
171	Overestimation and contraction biases of depth information stored in working memory depend on spatial configuration. <i>British Journal of Psychology</i> , 2021, 112, 230-246.	1.2	9
172	The pleasure of multiple images. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 1179-1188.	0.7	2
173	Global and local interference effects in ensemble encoding are best explained by interactions between summary representations of the mean and the range. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 1106-1128.	0.7	5
174	Statistical learning as a reference point for memory distortions: Swap and shift errors. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 1652-1672.	0.7	3
176	Semantic influences on episodic memory distortions. <i>Journal of Experimental Psychology: General</i> , 2021, 150, 1800-1824.	1.5	25
177	The Crowd-Emotion-Amplification Effect. <i>Psychological Science</i> , 2021, 32, 437-450.	1.8	33
178	A compressibility account of the color-sharing bonus in working memory. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 1613-1628.	0.7	3
179	Contributions of ensemble perception to outlier representation precision. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 1141-1151.	0.7	3
180	Variability leads to overestimation of mean summaries. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 1129-1140.	0.7	9
181	The dissociable influence of social context on judgements of facial attractiveness and trustworthiness. <i>British Journal of Psychology</i> , 2021, 112, 902-933.	1.2	10
182	Introduction to the special issue on ensemble perception. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 899-903.	0.7	3

#	ARTICLE	IF	CITATIONS
183	Grasping of Real-World Objects Is Not Biased by Ensemble Perception. <i>Frontiers in Psychology</i> , 2021, 12, 597691.	1.1	3
184	The storage mechanism of dynamic relations in visual working memory. <i>Cognition</i> , 2021, 209, 104571.	1.1	5
185	Relationships between expertise and distinctiveness: Abnormal medical images lead to enhanced memory performance only in experts. <i>Memory and Cognition</i> , 2021, 49, 1067-1081.	0.9	3
186	Change in Evaluation Mode Can Cause a Cheerleader Effect. <i>Frontiers in Psychology</i> , 2021, 12, 607448.	1.1	1
187	Visual working memory items drift apart due to active, not passive, maintenance.. <i>Journal of Experimental Psychology: General</i> , 2021, 150, 2506-2524.	1.5	14
188	Benefits and pitfalls of data compression in visual working memory. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 2843-2864.	0.7	1
189	Tracking the relation between gist and item memory over the course of long-term memory consolidation. <i>ELife</i> , 2021, 10, .	2.8	22
191	Scene wheels: Measuring perception and memory of real-world scenes with a continuous stimulus space. <i>Behavior Research Methods</i> , 2022, 54, 444-456.	2.3	7
192	Friend effects framework: Contrastive and hierarchical processing in cheerleader effects. <i>Cognition</i> , 2021, 212, 104715.	1.1	9
193	Categorical distinctiveness constrains the labeling benefit in visual working memory. <i>Journal of Memory and Language</i> , 2021, 119, 104242.	1.1	7
194	Memory Fidelity Reveals Qualitative Changes in Interactions Between Items in Visual Working Memory. <i>Psychological Science</i> , 2021, 32, 1426-1441.	1.8	3
195	A relational account of visual short-term memory (VSTM). <i>Cortex</i> , 2021, 144, 151-167.	1.1	3
196	Limited memory for ensemble statistics in visual change detection. <i>Cognition</i> , 2021, 214, 104763.	1.1	6
197	Is the n-back task a measure of unstructured working memory capacity? Towards understanding its connection to other working memory tasks. <i>Acta Psychologica</i> , 2021, 219, 103398.	0.7	16
198	Topological change induces an interference effect in visual working memory. <i>Journal of Vision</i> , 2021, 21, 4.	0.1	1
199	Semantic influence on visual working memory of object identity and location. <i>Cognition</i> , 2021, 217, 104891.	1.1	5
201	Working Memory in Unilateral Spatial Neglect: Evidence for Impaired Binding of Object Identity and Object Location. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 46-62.	1.1	8
202	The role of working memory in long-term learning: Implications for childhood development. <i>Psychology of Learning and Motivation - Advances in Research and Theory</i> , 2021, 74, 1-45.	0.5	6

#	ARTICLE	IF	CITATIONS
203	Gestalt Effects in Visual Working Memory. <i>Experimental Psychology</i> , 2017, 64, 5-13.	0.3	11
204	Visual short-term memory through the lifespan: Preserved benefits of context and metacognition.. <i>Psychology and Aging</i> , 2018, 33, 841-854.	1.4	26
205	Perceiving groups: The people perception of diversity and hierarchy.. <i>Journal of Personality and Social Psychology</i> , 2018, 114, 766-785.	2.6	53
206	Efficient data compression in perception and perceptual memory.. <i>Psychological Review</i> , 2020, 127, 891-917.	2.7	28
207	Social norm perception in groups with outliers.. <i>Journal of Experimental Psychology: General</i> , 2017, 146, 1342-1359.	1.5	26
208	Erasing and blurring memories: The differential impact of interference on separate aspects of forgetting.. <i>Journal of Experimental Psychology: General</i> , 2017, 146, 1606-1630.	1.5	34
209	Strategic trade-offs between quantity and quality in working memory.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2016, 42, 1231-1240.	0.7	30
210	The time-limited visual statistician.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2016, 42, 1497-1504.	0.7	4
211	A dual-trace model for visual sensory memory.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2016, 42, 1903-1922.	0.7	17
212	Global ensemble texture representations are critical to rapid scene perception.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2017, 43, 1160-1176.	0.7	54
213	The average facial expression of a crowd influences impressions of individual expressions.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018, 44, 311-319.	0.7	19
214	Individual representations in visual working memory inherit ensemble properties.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2020, 46, 458-473.	0.7	20
215	Is working memory inherently more "precise" than long-term memory? Extremely high fidelity visual long-term memories for frequently encountered objects.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2020, 46, 813-830.	0.7	7
216	Informed guessing in change detection.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2018, 44, 1023-1035.	0.7	9
217	Similarity-based clusters are representational units of visual working memory.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2020, 46, 46-59.	0.7	13
218	Perceptual effects of fast and automatic visual ensemble statistics from faces in individuals with typical development and autism spectrum conditions. <i>Scientific Reports</i> , 2020, 10, 2169.	1.6	8
222	Mental structures. <i>Nous</i> , 2021, 55, 649-677.	1.4	10
223	A new toolbox to distinguish the sources of spatial memory error. <i>Journal of Vision</i> , 2020, 20, 6.	0.1	9

#	ARTICLE	IF	CITATIONS
224	Probabilistic Computation in Human Perception under Variability in Encoding Precision. PLoS ONE, 2012, 7, e40216.	1.1	60
225	Fine-Grained, Local Maps and Coarse, Global Representations Support Human Spatial Working Memory. PLoS ONE, 2014, 9, e107969.	1.1	8
226	Statistical Properties Demand as Much Attention as Object Features. PLoS ONE, 2015, 10, e0131191.	1.1	24
227	Do People Take Stimulus Correlations into Account in Visual Search?. PLoS ONE, 2016, 11, e0149402.	1.1	10
228	Do group ensemble statistics bias visual working memory for individual items? A registered replication of Brady and Alvarez (2011). Attention, Perception, and Psychophysics, 2021, 83, 1329-1336.	0.7	5
229	Crowdsourcing visual perception experiments: a case of contrast threshold. PeerJ, 2019, 7, e8339.	0.9	21
230	Rethinking the Ranks of Visual Channels. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 707-717.	2.9	14
231	Breaking the cardinal rule: The impact of interitem interaction and attentional priority on the cardinal biases in orientation working memory. Attention, Perception, and Psychophysics, 2022, 84, 2186-2194.	0.7	3
232	Object-based encoding in visual working memory: A critical revisit. Quarterly Journal of Experimental Psychology, 2022, 75, 1397-1410.	0.6	3
233	Memory Representations in Visual Working Memory: Representational Quality and Memory Access. Korean Journal of Cognitive and Biological Psychology, 2013, 25, 425-444.	0.0	0
234	Spatial Working Memory in Children With High-Functioning Autism: Intact Configural Processing But Impaired Capacity. Journal of Vision, 2014, 14, 42-42.	0.1	0
235	Evaluating and excluding swap errors in analogue report. Journal of Vision, 2015, 15, 675.	0.1	1
236	A Review of the Debates between Fixed-Resolution Slot and Flexible-Resource Models. Korean Journal of Cognitive Science, 2015, 26, 453-481.	0.1	0
237	The Effect of Object Distinctiveness on Object-Location Binding in Visual Working Memory. SSRN Electronic Journal, 0, , .	0.4	0
239	A Review of methodological limitations of change detection task and their theoretical implications for studying visual working memory. Korean Journal of Cognitive and Biological Psychology, 2017, 29, 287-313.	0.0	0
240	Biased by the Group: Memory for an Emotional Expression Biases Towards the Ensemble. Collabra: Psychology, 2018, 4, .	0.9	5
241	Benchmarks provide common ground for model development: Reply to Logie (2018) and Vandierendonck (2018).. Psychological Bulletin, 2018, 144, 972-977.	5.5	2
244	Emotional judgments of scenes are influenced by unintentional averaging. Cognitive Research: Principles and Implications, 2020, 5, 28.	1.1	4

#	ARTICLE	IF	CITATIONS
245	Neural representations of ensemble coding in the occipital and parietal cortices. <i>NeuroImage</i> , 2021, 245, 118680.	2.1	4
247	Social Cognitive Bias. <i>Advances in Psychology, Mental Health, and Behavioral Studies</i> , 0, , 110-132.	0.1	0
249	Memory integration into visual perception in infancy, childhood, and adulthood. , 2020, 2020, 3322-3328.		0
250	Person Perception, Meet People Perception: Exploring the Social Vision of Groups. <i>Perspectives on Psychological Science</i> , 2022, 17, 768-787.	5.2	11
252	Visual and semantic similarity norms for a photographic image stimulus set containing recognizable objects, animals and scenes. <i>Behavior Research Methods</i> , 2022, 54, 2364-2380.	2.3	3
253	Modeling mean estimation tasks in within-trial and across-trial contexts. <i>Attention, Perception, and Psychophysics</i> , 2022, 84, 2384-2407.	0.7	3
254	An adaptive perspective on visual working memory distortions.. <i>Journal of Experimental Psychology: General</i> , 2022, 151, 2300-2323.	1.5	21
255	How Working Memory and Reinforcement Learning Are Intertwined: A Cognitive, Neural, and Computational Perspective. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 551-568.	1.1	26
256	Chunking by social relationship in working memory. <i>Visual Cognition</i> , 2022, 30, 354-370.	0.9	7
257	The role of ensemble average differs in working memory for depth and planar information. <i>Journal of Vision</i> , 2022, 22, 4.	0.1	3
258	Serial dependence tracks objects and scenes in parallel and independently. <i>Journal of Vision</i> , 2022, 22, 4.	0.1	5
259	Ensemble perception without phenomenal awareness of elements. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
260	Simultaneously and sequentially presented arrays evoke similar visual working memory crowding. <i>Visual Cognition</i> , 0, , 1-16.	0.9	0
261	Context consistency improves ensemble perception of facial expressions. <i>Psychonomic Bulletin and Review</i> , 2023, 30, 280-290.	1.4	3
262	There Is no Theory-Free Measure of "Swaps" in Visual Working Memory Experiments. <i>Computational Brain & Behavior</i> , 2023, 6, 159-171.	0.9	4
264	Weighting Ratings: Are People Adjusting for Bias in Extreme Reviews?. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
265	Mechanisms for individual, group-based and crowd-based attention to social information. , 2022, 1, 721-732.		3
266	Neural interactions in working memory explain decreased recall precision and similarity-based feature repulsion. <i>Scientific Reports</i> , 2022, 12, .	1.6	0

#	ARTICLE	IF	CITATIONS
267	Can Previews Mitigate the Effect of Interruptions? Findings from a Lab Experiment under Various Workloads. <i>International Journal of Human-Computer Interaction</i> , 2024, 40, 956-964.	3.3	1
269	How and Why Does Schematic Knowledge Affect Memory?. , 2022, , 113-134.		0
270	Mini review: Individual differences and domain-general mechanisms in object recognition. , 0, 1, .		2
271	You and your cats appear more attractive in a crowd of cats: The cheerleader effect in human/animal facial attractiveness. <i>Current Psychology</i> , 2023, 42, 29499-29509.	1.7	1
272	Memory matching features bias the ensemble perception of facial identity. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	0
275	Difficulty limits of visual mental imagery. <i>Cognition</i> , 2023, 236, 105436.	1.1	2
276	Systematic differences in visual working memory performance are not caused by differences in working memory storage.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2023, 49, 335-349.	0.7	1
277	Time course of encoding and maintenance of stereoscopically induced sizeâ€“distance scaling. <i>Visual Cognition</i> , 2022, 30, 659-670.	0.9	0
278	Processing spatial configurations in visuospatial working memory is influenced by shifts of overt visual attention. <i>PLoS ONE</i> , 2023, 18, e0281445.	1.1	0
279	Perceptual history biases in serial ensemble representation. <i>Journal of Vision</i> , 2023, 23, 7.	0.1	2
280	Similarity-based clustering of multifeature objects in visual working memory. <i>Attention, Perception, and Psychophysics</i> , 0, , .	0.7	0
282	A quasi-comprehensive exploration of the mechanisms of spatial working memory. <i>Nature Human Behaviour</i> , 2023, 7, 729-739.	6.2	2
285	Contingent negative variation to tactile stimuli - differences in anticipatory and preparatory processes between participants with and without blindness. <i>Cerebral Cortex</i> , 0, , .	1.6	0
304	Noisy and hierarchical visual memory across timescales. , 2024, 3, 147-163.		0