

# Mowei Shen

## List of Publications by Year in descending order

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123  
papers

1,659  
citations

304743

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377865

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125  
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125  
docs citations

125  
times ranked

1574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Object-based encoding in visual working memory: A critical revisit. <i>Quarterly Journal of Experimental Psychology</i> , 2022, 75, 1397-1410.	1.1	3
2	Development of information integration in the visual working memory of preschoolers. <i>Child Development</i> , 2022, 93, 1793-1803.	3.0	3
3	Does consciousness overflow cognitive access? Novel insights from the new phenomenon of attribute amnesia. <i>Science China Life Sciences</i> , 2021, 64, 847-860.	4.9	9
4	Action Generalization Across Group Members: Action Efficiency Matters. <i>Cognitive Science</i> , 2021, 45, e12957.	1.7	2
5	The storage mechanism of dynamic relations in visual working memory. <i>Cognition</i> , 2021, 209, 104571.	2.2	5
6	Does the presence of more features in a bound representation in working memory require extra object-based attention?. <i>Memory and Cognition</i> , 2021, 49, 1583-1599.	1.6	4
7	Implicit and Explicit Self-Identification as a Drug User in People Who Used Heroin and Methamphetamine. <i>Frontiers in Psychology</i> , 2021, 12, 685110.	2.1	2
8	Involuntary and voluntary processes compete for entering focus of attention of working memory. <i>Journal of Vision</i> , 2021, 21, 2494.	0.3	0
9	The postdictive effect of choice reflects the modulation of attention on choice. <i>Journal of Vision</i> , 2021, 21, 2449.	0.3	0
10	Visual attention maximizes expected information gain in goal inference. <i>Journal of Vision</i> , 2021, 21, 2187.	0.3	0
11	Retaining Quantitative-dimension Binding in Working Memory: A Passive Process. <i>Journal of Vision</i> , 2021, 21, 2524.	0.3	0
12	Trust in automated vehicles. <i>Advances in Psychological Science</i> , 2021, 29, 2172-2183.	0.3	8
13	More attention with less working memory: The active inhibition of attended but outdated information. <i>Science Advances</i> , 2021, 7, eabj4985.	10.3	5
14	Visual working memory impairs visual detection: A function of working memory load or sensory load?. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2021, 47, 1659-1672.	0.9	3
15	Object-based attention in retaining binding in working memory: Influence of activation states of working memory. <i>Memory and Cognition</i> , 2020, 48, 957-971.	1.6	6
16	Visual working-memory capacity load does not modulate distractor processing. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 3291-3313.	1.3	7
17	The Gilding-the-Lily Effect: Exploratory Behavior Energized by Curiosity. <i>Frontiers in Psychology</i> , 2020, 11, 1381.	2.1	0
18	Source information is inherently linked to working memory representation for auditory but not for visual stimuli. <i>Cognition</i> , 2020, 197, 104160.	2.2	6

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19	Event-based encoding of biological motion and location in visual working memory. Quarterly Journal of Experimental Psychology, 2020, 73, 1261-1277.	1.1	4
20	Emotional states affect the retention of biological motion in working memory.. Emotion, 2020, 20, 1446-1461.	1.8	6
21	The postdictive effect of choice reflects the modulation of attention on choice. Journal of Vision, 2020, 20, 1.	0.3	1
22	Visual Working Memory Organizes Functional Related Objects beyond the Spatiotemporal Limit. Journal of Vision, 2020, 20, 172.	0.3	0
23	Intention beyond Desire: Commitment in Human Action. Journal of Vision, 2020, 20, 1723.	0.3	0
24	Biological motion is stored independently from bound representation in working memory. Visual Cognition, 2019, 27, 701-713.	1.6	9
25	Relation Between Working Memory Capacity of Biological Movements and Fluid Intelligence. Frontiers in Psychology, 2019, 10, 2313.	2.1	5
26	Cooperation turns preschoolers into flexible perspective takers. Cognitive Development, 2019, 52, 100823.	1.3	3
27	Retaining event files in working memory requires extra object-based attention than the constituent elements. Quarterly Journal of Experimental Psychology, 2019, 72, 2225-2239.	1.1	8
28	Does attribute amnesia occur with the presentation of complex, meaningful stimuli? The answer is, "it depends" Memory and Cognition, 2019, 47, 1133-1144.	1.6	14
29	Agent identity drives adaptive encoding of biological motion into working memory. Journal of Vision, 2019, 19, 6.	0.3	4
30	Craving-induced effects of different drug cues on persons abstaining from heroin. Addiction Research and Theory, 2019, 27, 235-241.	1.9	2
31	Development of Social Working Memory in Preschoolers and Its Relation to Theory of Mind. Child Development, 2019, 90, 1319-1332.	3.0	17
32	Expecting the unexpected: Violation of expectation shifts strategies toward information exploration.. Journal of Experimental Psychology: Human Perception and Performance, 2019, 45, 513-522.	0.9	10
33	Jointly perceiving physics and mind. Journal of Vision, 2019, 19, 280d.	0.3	0
34	Do we actively inhibit recently attended but no longer relevant information?. Journal of Vision, 2019, 19, 200c.	0.3	0
35	Visual Working Memory Capacity Load Does Not Modulate Distractor Processing. Journal of Vision, 2019, 19, 103.	0.3	1
36	Feature-based information filtering in visual working memory is impaired in Parkinson's disease. Neuropsychologia, 2018, 111, 317-323.	1.6	9

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37	User-Defined Gestures for Gestural Interaction: Extending from Hands to Other Body Parts. International Journal of Human-Computer Interaction, 2018, 34, 238-250.	4.8	46
38	Guilt leads to enhanced facing-the-viewer bias. PLoS ONE, 2018, 13, e0195590.	2.5	5
39	Object-Based Attention on Social Units: Visual Selection of Hands Performing a Social Interaction. Psychological Science, 2018, 29, 1040-1048.	3.3	18
40	When human intelligence meets artificial intelligence. PsyCh Journal, 2018, 7, 156-157.	1.1	1
41	How you act matters: The impact of coordination on 4-year-old children's reasoning about diverse desires. Journal of Experimental Child Psychology, 2018, 176, 13-25.	1.4	8
42	Agent Identity Drives Adaptive Encoding of Biological Motion into Working Memory. Journal of Vision, 2018, 18, 703.	0.3	1
43	Perceiving animacy with causal constraints: A "leash resistance" effect in chasing detection. Journal of Vision, 2018, 18, 57.	0.3	0
44	A causal model of recursive scene parsing in human perception. Journal of Vision, 2018, 18, 750.	0.3	0
45	Cooperation, but not competition, improves 4-year-old children's reasoning about others' diverse desires. Journal of Experimental Child Psychology, 2017, 157, 81-94.	1.4	16
46	Perceiving crowd attention: Gaze following in human crowds with conflicting cues. Attention, Perception, and Psychophysics, 2017, 79, 1039-1049.	1.3	24
47	Seeing "what" through "why": Evidence from probing the causal structure of hierarchical motion.. Journal of Experimental Psychology: General, 2017, 146, 896-909.	2.1	9
48	The tendency of unconscious thought toward global processing style. Consciousness and Cognition, 2017, 53, 14-22.	1.5	7
49	Bindings in working memory: The role of object-based attention. Attention, Perception, and Psychophysics, 2017, 79, 533-552.	1.3	23
50	Two Equals One: Two Human Actions During Social Interaction Are Grouped as One Unit in Working Memory. Psychological Science, 2017, 28, 1311-1320.	3.3	60
51	Humans Conceptualize Victory and Defeat in Body Size. Scientific Reports, 2017, 7, 44136.	3.3	4
52	Social Coordination Information in Dynamic Chase Modulates EEG Mu Rhythm. Scientific Reports, 2017, 7, 4782.	3.3	9
53	Backward-walking biological motion orients attention to moving away instead of moving toward. Psychonomic Bulletin and Review, 2017, 24, 447-452.	2.8	2
54	Integration of ensemble representations stored in visual working memory. Journal of Vision, 2017, 17, 116.	0.3	0

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55	Attentional Mechanism for Organization in Visual Working Memory. <i>Journal of Vision</i> , 2017, 17, 863.	0.3	0
56	Object-based Attention Underlies the Storage of Event Files in Working Memory. <i>Journal of Vision</i> , 2017, 17, 865.	0.3	2
57	Holding Biological Motion in Working Memory: An fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 251.	2.0	31
58	Deployment of Attention on Handshakes. <i>Frontiers in Psychology</i> , 2016, 7, 681.	2.1	4
59	Infants' Understanding of Information Transmission in the Context of Communication Involving Multiple Agents. <i>Infancy</i> , 2016, 21, 228-240.	1.6	2
60	Development of behavioural regulation in Do and Don't contexts among behaviourally inhibited Chinese children. <i>British Journal of Developmental Psychology</i> , 2016, 34, 415-426.	1.7	1
61	Object-based Encoding in Visual Working Memory: Evidence from Memory-driven Attentional Capture. <i>Scientific Reports</i> , 2016, 6, 22822.	3.3	16
62	The Influence of Goal Value on Persistence in Exuberant Chinese Children. <i>Social Development</i> , 2016, 25, 256-267.	1.3	3
63	Object formation in visual working memory: Evidence from object-based attention. <i>Cognition</i> , 2016, 154, 95-101.	2.2	6
64	Social constraints from an observer's perspective: Coordinated actions make an agent's position more predictable. <i>Cognition</i> , 2016, 151, 10-17.	2.2	10
65	Organization principles in visual working memory: Evidence from sequential stimulus display. <i>Cognition</i> , 2016, 146, 277-288.	2.2	40
66	Working memory capacity of biological movements predicts empathy traits. <i>Psychonomic Bulletin and Review</i> , 2016, 23, 468-475.	2.8	35
67	Two Equals One: Social Interaction Groups Two Biological Movements as One Unit. <i>Journal of Vision</i> , 2016, 16, 281.	0.3	0
68	Negative Affect Impairs the Working Memory Capacity of Biological Motion. <i>Journal of Vision</i> , 2016, 16, 277.	0.3	0
69	The Role of Amodal Object-based Attention in Retaining Bindings in Working Memory. <i>Journal of Vision</i> , 2016, 16, 1436.	0.3	0
70	To OBE or Not To OBE? Revisiting Object-based Encoding (OBE) in Visual Working Memory. <i>Journal of Vision</i> , 2016, 16, 357.	0.3	0
71	Attentional bias in competitive situations: winner does not take all. <i>Frontiers in Psychology</i> , 2015, 6, 1469.	2.1	12
72	Modeling the development of vehicle lateral control skills in a cognitive architecture. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2015, 32, 1-10.	3.7	20

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73	Biased Perception of Mean Emotion in Abstinent Heroin Abusers. <i>Journal of Psychoactive Drugs</i> , 2015, 47, 382-392.	1.7	5
74	Cue-induced activation of implicit affective associations with heroin use in abstinent heroin abusers. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2015, 47, 120-128.	1.2	1
75	Rehearsing Biological Motion in Working Memory: An EEG Study. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 198-209.	2.3	36
76	Binding biological motion and visual features in working memory.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2015, 41, 850-865.	0.9	24
77	Object-based attention underlies the rehearsal of feature binding in visual working memory.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2015, 41, 479-493.	0.9	27
78	The working memory Ponzo illusion: Involuntary integration of visuospatial information stored in visual working memory. <i>Cognition</i> , 2015, 141, 26-35.	2.2	19
79	Visual working memory for dynamic objects: Impaired binding between object feature and location. <i>Visual Cognition</i> , 2015, 23, 357-378.	1.6	6
80	Feature binding in Working Memory Requires Object-based Attention. <i>Journal of Vision</i> , 2015, 15, 537.	0.3	0
81	Motion-based Attention Underlies the Rehearsal of Biological Motion in Working Memory. <i>Journal of Vision</i> , 2015, 15, 502.	0.3	0
82	The working memory Ponzo illusion: Involuntary integration of visuospatial information stored in visual working memory. <i>Journal of Vision</i> , 2015, 15, 957.	0.3	0
83	Holding biological motion information in working memory.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2014, 40, 1332-1345.	0.9	35
84	Bias or equality? Unconscious thought equally integrates temporally scattered information. <i>Consciousness and Cognition</i> , 2014, 25, 77-87.	1.5	10
85	Effect of driving experience on collision avoidance braking: an experimental investigation and computational modelling. <i>Behaviour and Information Technology</i> , 2014, 33, 929-940.	4.0	21
86	The Role of Spatial Configuration in Multiple Identity Tracking. <i>PLoS ONE</i> , 2014, 9, e93835.	2.5	9
87	Social grouping: Perceptual grouping of objects by cooperative but not competitive relationships in dynamic chase. <i>Cognition</i> , 2013, 129, 194-204.	2.2	13
88	The effect of late posterior negativity in retrieving the color of Chinese characters. <i>Neuroscience Letters</i> , 2013, 534, 223-227.	2.1	16
89	Decision-making deficits are still present in heroin abusers after short- to long-term abstinence. <i>Drug and Alcohol Dependence</i> , 2013, 130, 61-67.	3.2	49
90	Anger and selective attention to reward and punishment in children. <i>Journal of Experimental Child Psychology</i> , 2013, 115, 389-404.	1.4	10

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91	Building Blocks of Visual Working Memory: Objects or Boolean Maps?. Journal of Cognitive Neuroscience, 2013, 25, 743-753.	2.3	9
92	Robust object-based encoding in visual working memory. Journal of Vision, 2013, 13, 1.	0.3	290
93	Biased number perception of schematic expressions in abstinent heroin abusers compared to normal controls. Journal of Behavior Therapy and Experimental Psychiatry, 2012, 43, 602-606.	1.2	6
94	Biased attention towards negative schematic expression in abstinent heroin abusers. Journal of Behavior Therapy and Experimental Psychiatry, 2012, 43, 705-710.	1.2	18
95	The neural mechanisms of perceptual memory comparison in visual working memory. Biological Psychology, 2012, 90, 71-79.	2.2	22
96	Alerting and orienting of attention without visual awareness. Consciousness and Cognition, 2012, 21, 928-938.	1.5	18
97	Behavioural approach tendencies to heroin-related stimuli in abstinent heroin abusers. Psychopharmacology, 2012, 221, 171-176.	3.1	29
98	Number representation is influenced by numerical processing level: an ERP study. Experimental Brain Research, 2012, 218, 27-39.	1.5	6
99	Does high memory load kick task-irrelevant information out of visual working memory?. Psychonomic Bulletin and Review, 2012, 19, 218-224.	2.8	22
100	Tracking object number or information load in visual working memory: Revisiting the cognitive implication of contralateral delay activity. Biological Psychology, 2011, 87, 296-302.	2.2	37
101	Tracking the mismatch information in visual short term memory: An event-related potential study. Neuroscience Letters, 2011, 491, 26-30.	2.1	27
102	The Zuckerman-Kuhlman Personality Questionnaire predicts functioning styles of personality disorder: A trial in healthy subjects and personality-disorder patients. Psychiatry Research, 2011, 186, 320-325.	3.3	18
103	Visual Working Memory Capacity Does Not Modulate the Feature-Based Information Filtering in Visual Working Memory. PLoS ONE, 2011, 6, e23873.	2.5	14
104	Contralateral delay activity tracks object identity information in visual short term memory. Brain Research, 2011, 1406, 30-42.	2.2	29
105	The perceptual root of object-based storage: An interactive model of perception and visual working memory.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 1803-1823.	0.9	60
106	Saccades elicit obligatory allocation of visual working memory. Memory and Cognition, 2010, 38, 629-640.	1.6	24
107	Dissociated Mechanisms of Extracting Perceptual Information into Visual Working Memory. PLoS ONE, 2010, 5, e14273.	2.5	33
108	Adjectival Descriptors for Antisocial Personality Trait in Chinese University Students. Journal of Personality Disorders, 2009, 23, 661-668.	1.4	6

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109	HIV/AIDS-related sexual risk behaviors in male rural-to-urban migrants in China. <i>Social Behavior and Personality</i> , 2009, 37, 419-432.	0.6	5
110	Storing fine detailed information in visual working memory--Evidence from event-related potentials. <i>Journal of Vision</i> , 2009, 9, 17-17.	0.3	61
111	Could intensity ratings of Matsumoto and Ekman's JACFEE pictures delineate basic emotions? A principal component analysis in Chinese university students. <i>Personality and Individual Differences</i> , 2009, 46, 331-335.	2.9	9
112	Nonabstract representation for number " evidence from event-related potentials. <i>NeuroReport</i> , 2009, 20, 1240-1244.	1.2	4
113	Material differences of auditory source retrieval: Evidence from event-related potential studies. <i>Science Bulletin</i> , 2008, 53, 2801-2812.	9.0	5
114	An event-related brain potential study of children's conservation. <i>Neuroscience Letters</i> , 2008, 431, 17-20.	2.1	4
115	PASSIVE EVENT-RELATED POTENTIALS BY A SINGLE TONE IN PERSONALITY DISORDERS. <i>Social Behavior and Personality</i> , 2008, 36, 985-998.	0.6	7
116	PERCEIVED PARENTING STYLES AND DISORDERED PERSONALITY TRAITS IN ADOLESCENT AND ADULT STUDENTS AND IN PERSONALITY DISORDER PATIENTS. <i>Social Behavior and Personality</i> , 2007, 35, 587-598.	0.6	13
117	Effect of task complexity on intelligence and neural efficiency in children: an event-related potential study. <i>NeuroReport</i> , 2007, 18, 1599-1602.	1.2	8
118	The perceived position of a moving object is not the result of position integration. <i>Vision Research</i> , 2007, 47, 3088-3095.	1.4	5
119	Sensation seeking scales and traits delineating personality disorders in a sample of Chinese students. <i>Personality and Individual Differences</i> , 2007, 42, 271-278.	2.9	4
120	The reconfiguration of task set has no effect on the efficiency of feature search. <i>Perception &amp; Psychophysics</i> , 2007, 69, 345-352.	2.3	1
121	Line bisection performance in right-handed primary headache sufferers. <i>Neurology India</i> , 2007, 55, 333.	0.4	6
122	Exteroceptive suppression of temporalis muscle activity in subjects with high and low aggression traits. <i>Neurophysiologie Clinique</i> , 2006, 36, 63-69.	2.2	6
123	Personality Affects Dispositional Trust and History-Based Trust in Different Ways. <i>International Journal of Human-Computer Interaction</i> , 0, , 1-12.	4.8	0