Mowei Shen

List of Publications by Year
in descending order

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123 papers	1,659 citations	304743 22 h-index	377865 34 g-index
125 all docs	125 docs citations	125 times ranked	1574 citing authors

#	Article	IF	Citations
1	Robust object-based encoding in visual working memory. Journal of Vision, 2013, 13, 1.	0.3	290
2	Storing fine detailed information in visual working memory--Evidence from event-related potentials. Journal of Vision, 2009, 9, 17-17.	0.3	61
3	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
4	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
5	Decision-making deficits are still present in heroin abusers after short- to long-term abstinence. Drug and Alcohol Dependence, 2013, 130, 61-67.	3.2	49
6	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
7	Organization principles in visual working memory: Evidence from sequential stimulus display. Cognition, 2016, 146, 277-288.	2.2	40
8	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
9	Rehearsing Biological Motion in Working Memory: An EEG Study. Journal of Cognitive Neuroscience, 2015, 27, 198-209.	2.3	36
10	Holding biological motion information in working memory.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 1332-1345.	0.9	35
11	Working memory capacity of biological movements predicts empathy traits. Psychonomic Bulletin and Review, 2016, 23, 468-475.	2.8	35
12	Dissociated Mechanisms of Extracting Perceptual Information into Visual Working Memory. PLoS ONE, 2010, 5, e14273.	2.5	33
13	Holding Biological Motion in Working Memory: An fMRI Study. Frontiers in Human Neuroscience, 2016, 10, 251.	2.0	31
14	Contralateral delay activity tracks object identity information in visual short term memory. Brain Research, 2011, 1406, 30-42.	2.2	29
15	Behavioural approach tendencies to heroin-related stimuli in abstinent heroin abusers. Psychopharmacology, 2012, 221, 171-176.	3.1	29
16	Tracking the mismatch information in visual short term memory: An event-related potential study. Neuroscience Letters, 2011, 491, 26-30.	2.1	27
17	Object-based attention underlies the rehearsal of feature binding in visual working memory.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 479-493.	0.9	27
18	Saccades elicit obligatory allocation of visual working memory. Memory and Cognition, 2010, 38, 629-640.	1.6	24

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19	Binding biological motion and visual features in working memory.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 850-865.	0.9	24
20	Perceiving crowd attention: Gaze following in human crowds with conflicting cues. Attention, Perception, and Psychophysics, 2017, 79, 1039-1049.	1.3	24
21	Bindings in working memory: The role of object-based attention. Attention, Perception, and Psychophysics, 2017, 79, 533-552.	1.3	23
22	The neural mechanisms of perceptâ€“memory comparison in visual working memory. Biological Psychology, 2012, 90, 71-79.	2.2	22
23	Does high memory load kick task-irrelevant information out of visual working memory?. Psychonomic Bulletin and Review, 2012, 19, 218-224.	2.8	22
24	Effect of driving experience on collision avoidance braking: an experimental investigation and computational modelling. Behaviour and Information Technology, 2014, 33, 929-940.	4.0	21
25	Modeling the development of vehicle lateral control skills in a cognitive architecture. Transportation Research Part F: Traffic Psychology and Behaviour, 2015, 32, 1-10.	3.7	20
26	The working memory Ponzo illusion: Involuntary integration of visuospatial information stored in visual working memory. Cognition, 2015, 141, 26-35.	2.2	19
27	The Zuckermanâ€“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
28	Biased attention towards negative schematic expression in abstinent heroin abusers. Journal of Behavior Therapy and Experimental Psychiatry, 2012, 43, 705-710.	1.2	18
29	Alerting and orienting of attention without visual awareness. Consciousness and Cognition, 2012, 21, 928-938.	1.5	18
30	Object-Based Attention on Social Units: Visual Selection of Hands Performing a Social Interaction. Psychological Science, 2018, 29, 1040-1048.	3.3	18
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	The effect of late posterior negativity in retrieving the color of Chinese characters. Neuroscience Letters, 2013, 534, 223-227.	2.1	16
33	Object-based Encoding in Visual Working Memory: Evidence from Memory-driven Attentional Capture. Scientific Reports, 2016, 6, 22822.	3.3	16
34	Cooperation, but not competition, improves 4-year-old childrenâ€™s reasoning about othersâ€™ diverse desires. Journal of Experimental Child Psychology, 2017, 157, 81-94.	1.4	16
35	Visual Working Memory Capacity Does Not Modulate the Feature-Based Information Filtering in Visual Working Memory. PLoS ONE, 2011, 6, e23873.	2.5	14
36	Does attribute amnesia occur with the presentation of complex, meaningful stimuli? The answer is, â€œit dependsâ€• Memory and Cognition, 2019, 47, 1133-1144.	1.6	14

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37	PERCEIVED PARENTING STYLES AND DISORDERED PERSONALITY TRAITS IN ADOLESCENT AND ADULT STUDENTS AND IN PERSONALITY DISORDER PATIENTS. Social Behavior and Personality, 2007, 35, 587-598.	0.6	13
38	Social grouping: Perceptual grouping of objects by cooperative but not competitive relationships in dynamic chase. Cognition, 2013, 129, 194-204.	2.2	13
39	Attentional bias in competitive situations: winner does not take all. Frontiers in Psychology, 2015, 6, 1469.	2.1	12
40	Anger and selective attention to reward and punishment in children. Journal of Experimental Child Psychology, 2013, 115, 389-404.	1.4	10
41	Bias or equality? Unconscious thought equally integrates temporally scattered information. Consciousness and Cognition, 2014, 25, 77-87.	1.5	10
42	Social constraints from an observerâ€™s perspective: Coordinated actions make an agentâ€™s position more predictable. Cognition, 2016, 151, 10-17.	2.2	10
43	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
44	Could intensity ratings of Matsumoto and Ekmanâ€™s JACFEE pictures delineate basic emotions? A principal component analysis in Chinese university students. Personality and Individual Differences, 2009, 46, 331-335.	2.9	9
45	Building Blocks of Visual Working Memory: Objects or Boolean Maps?. Journal of Cognitive Neuroscience, 2013, 25, 743-753.	2.3	9
46	Seeing â€œwhatâ€•through â€œwhyâ€• Evidence from probing the causal structure of hierarchical motion.. Journal of Experimental Psychology: General, 2017, 146, 896-909.	2.1	9
47	Social Coordination Information in Dynamic Chase Modulates EEG Mu Rhythm. Scientific Reports, 2017, 7, 4782.	3.3	9
48	Feature-based information filtering in visual working memory is impaired in Parkinson's disease. Neuropsychologia, 2018, 111, 317-323.	1.6	9
49	Biological motion is stored independently from bound representation in working memory. Visual Cognition, 2019, 27, 701-713.	1.6	9
50	Does consciousness overflow cognitive access? Novel insights from the new phenomenon of attribute amnesia. Science China Life Sciences, 2021, 64, 847-860.	4.9	9
51	The Role of Spatial Configuration in Multiple Identity Tracking. PLoS ONE, 2014, 9, e93835.	2.5	9
52	Effect of task complexity on intelligence and neural efficiency in children: an event-related potential study. NeuroReport, 2007, 18, 1599-1602.	1.2	8
53	How you act matters: The impact of coordination on 4-year-old childrenâ€™s reasoning about diverse desires. Journal of Experimental Child Psychology, 2018, 176, 13-25.	1.4	8
54	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

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55	Trust in automated vehicles. Advances in Psychological Science, 2021, 29, 2172-2183.	0.3	8
56	PASSIVE EVENT-RELATED POTENTIALS BY A SINGLE TONE IN PERSONALITY DISORDERS. Social Behavior and Personality, 2008, 36, 985-998.	0.6	7
57	The tendency of unconscious thought toward global processing style. Consciousness and Cognition, 2017, 53, 14-22.	1.5	7
58	Visual working-memory capacity load does not modulate distractor processing. Attention, Perception, and Psychophysics, 2020, 82, 3291-3313.	1.3	7
59	Exteroceptive suppression ofÂtemporalis muscle activity inÂsubjects with high andÂlow aggression traits. Neurophysiologie Clinique, 2006, 36, 63-69.	2.2	6
60	Adjectival Descriptors for Antisocial Personality Trait in Chinese University Students. Journal of Personality Disorders, 2009, 23, 661-668.	1.4	6
61	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
62	Number representation is influenced by numerical processing level: an ERP study. Experimental Brain Research, 2012, 218, 27-39.	1.5	6
63	Visual working memory for dynamic objects: Impaired binding between object feature and location. Visual Cognition, 2015, 23, 357-378.	1.6	6
64	Object formation in visual working memory: Evidence from object-based attention. Cognition, 2016, 154, 95-101.	2.2	6
65	Object-based attention in retaining binding in working memory: Influence of activation states of working memory. Memory and Cognition, 2020, 48, 957-971.	1.6	6
66	Source information is inherently linked to working memory representation for auditory but not for visual stimuli. Cognition, 2020, 197, 104160.	2.2	6
67	Emotional states affect the retention of biological motion in working memory.. Emotion, 2020, 20, 1446-1461.	1.8	6
68	Line bisection performance in right-handed primary headache sufferers. Neurology India, 2007, 55, 333.	0.4	6
69	The perceived position of a moving object is not the result of position integration. Vision Research, 2007, 47, 3088-3095.	1.4	5
70	Material differences of auditory source retrieval: Evidence from event-related potential studies. Science Bulletin, 2008, 53, 2801-2812.	9.0	5
71	HIV/AIDS-related sexual risk behaviors in male rural-to-urban migrants in China. Social Behavior and Personality, 2009, 37, 419-432.	0.6	5
72	Biased Perception of Mean Emotion in Abstinent Heroin Abusers. Journal of Psychoactive Drugs, 2015, 47, 382-392.	1.7	5

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73	Guilt leads to enhanced facing-the-viewer bias. PLoS ONE, 2018, 13, e0195590.	2.5	5
74	Relation Between Working Memory Capacity of Biological Movements and Fluid Intelligence. Frontiers in Psychology, 2019, 10, 2313.	2.1	5
75	The storage mechanism of dynamic relations in visual working memory. Cognition, 2021, 209, 104571.	2.2	5
76	More attention with less working memory: The active inhibition of attended but outdated information. Science Advances, 2021, 7, eabj4985.	10.3	5
77	Sensation seeking scales and traits delineating personality disorders in a sample of Chinese students. Personality and Individual Differences, 2007, 42, 271-278.	2.9	4
78	An event-related brain potential study of children's conservation. Neuroscience Letters, 2008, 431, 17-20.	2.1	4
79	Nonabstract representation for number â€“ evidence from event-related potentials. NeuroReport, 2009, 20, 1240-1244.	1.2	4
80	Deployment of Attention on Handshakes. Frontiers in Psychology, 2016, 7, 681.	2.1	4
81	Humans Conceptualize Victory and Defeat in Body Size. Scientific Reports, 2017, 7, 44136.	3.3	4
82	Agent identity drives adaptive encoding of biological motion into working memory. Journal of Vision, 2019, 19, 6.	0.3	4
83	Event-based encoding of biological motion and location in visual working memory. Quarterly Journal of Experimental Psychology, 2020, 73, 1261-1277.	1.1	4
84	Does the presence of more features in a bound representation in working memory require extra object-based attention?. Memory and Cognition, 2021, 49, 1583-1599.	1.6	4
85	The Influence of Goal Value on Persistence in Exuberant Chinese Children. Social Development, 2016, 25, 256-267.	1.3	3
86	Cooperation turns preschoolers into flexible perspective takers. Cognitive Development, 2019, 52, 100823.	1.3	3
87	Object-based encoding in visual working memory: A critical revisit. Quarterly Journal of Experimental Psychology, 2022, 75, 1397-1410.	1.1	3
88	Visual working memory impairs visual detection: A function of working memory load or sensory load?. Journal of Experimental Psychology: Human Perception and Performance, 2021, 47, 1659-1672.	0.9	3
89	Development of information integration in the visual working memory of preschoolers. Child Development, 2022, 93, 1793-1803.	3.0	3
90	Infants' Understanding of Information Transmission in the Context of Communication Involving Multiple Agents. Infancy, 2016, 21, 228-240.	1.6	2

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91	Backward-walking biological motion orients attention to moving away instead of moving toward. Psychonomic Bulletin and Review, 2017, 24, 447-452.	2.8	2
92	Craving-induced effects of different drug cues on persons abstaining from heroin. Addiction Research and Theory, 2019, 27, 235-241.	1.9	2
93	Action Generalization Across Group Members: Action Efficiency Matters. Cognitive Science, 2021, 45, e12957.	1.7	2
94	Implicit and Explicit Self-Identification as a Drug User in People Who Used Heroin and Methamphetamine. Frontiers in Psychology, 2021, 12, 685110.	2.1	2
95	Object-based Attention Underlies the Storage of Event Files in Working Memory. Journal of Vision, 2017, 17, 865.	0.3	2
96	The reconfiguration of task set has no effect on the efficiency of feature search. Perception & Psychophysics, 2007, 69, 345-352.	2.3	1
97	Cue-induced activation of implicit affective associations with heroin use in abstinent heroin abusers. Journal of Behavior Therapy and Experimental Psychiatry, 2015, 47, 120-128.	1.2	1
98	Development of behavioural regulation in Do and Don't contexts among behaviourally inhibited Chinese children. British Journal of Developmental Psychology, 2016, 34, 415-426.	1.7	1
99	When human intelligence meets artificial intelligence. PsyCh Journal, 2018, 7, 156-157.	1.1	1
100	Agent Identity Drives Adaptive Encoding of Biological Motion into Working Memory. Journal of Vision, 2018, 18, 703.	0.3	1
101	Visual Working Memory Capacity Load Does Not Modulate Distractor Processing. Journal of Vision, 2019, 19, 103.	0.3	1
102	The postdictive effect of choice reflects the modulation of attention on choice. Journal of Vision, 2020, 20, 1.	0.3	1
103	The Gilding-the-Lily Effect: Exploratory Behavior Energized by Curiosity. Frontiers in Psychology, 2020, 11, 1381.	2.1	0
104	Involuntary and voluntary processes compete for entering focus of attention of working memory. Journal of Vision, 2021, 21, 2494.	0.3	0
105	The postdictive effect of choice reflects the modulation of attention on choice. Journal of Vision, 2021, 21, 2449.	0.3	0
106	Visual attention maximizes expected information gain in goal inference. Journal of Vision, 2021, 21, 2187.	0.3	0
107	Retaining Quantitative-dimension Binding in Working Memory: A Passive Process. Journal of Vision, 2021, 21, 2524.	0.3	0
108	Feature binding in Working Memory Requires Object-based Attention. Journal of Vision, 2015, 15, 537.	0.3	0

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109	Motion-based Attention Underlies the Rehearsal of Biological Motion in Working Memory. Journal of Vision, 2015, 15, 502.	0.3	0
110	The working memory Ponzo illusion: Involuntary integration of visuospatial information stored in visual working memory. Journal of Vision, 2015, 15, 957.	0.3	0
111	Two Equals One: Social Interaction Groups Two Biological Movements as One Unit. Journal of Vision, 2016, 16, 281.	0.3	0
112	Negative Affect Impairs the Working Memory Capacity of Biological Motion. Journal of Vision, 2016, 16, 277.	0.3	0
113	The Role of Amodal Object-based Attention in Retaining Bindings in Working Memory. Journal of Vision, 2016, 16, 1436.	0.3	0
114	To OBE or Not To OBE? Revisiting Object-based Encoding (OBE) in in Visual Working Memory. Journal of Vision, 2016, 16, 357.	0.3	0
115	Integration of ensemble representations stored in visual working memory. Journal of Vision, 2017, 17, 116.	0.3	0
116	Attentional Mechanism for Organization in Visual Working Memory. Journal of Vision, 2017, 17, 863.	0.3	0
117	Perceiving animacy with causal constraints: A "leash resistance" effect in chasing detection. Journal of Vision, 2018, 18, 57.	0.3	0
118	A causal model of recursive scene parsing in human perception. Journal of Vision, 2018, 18, 750.	0.3	0
119	Jointly perceiving physics and mind. Journal of Vision, 2019, 19, 280d.	0.3	0
120	Do we actively inhibit recently attended but no longer relevant information?. Journal of Vision, 2019, 19, 200c.	0.3	0
121	Visual Working Memory Organizes Functional Related Objects beyond the Spatiotemporal Limit. Journal of Vision, 2020, 20, 172.	0.3	0
122	Intention beyond Desire: Commitment in Human Action. Journal of Vision, 2020, 20, 1723.	0.3	0
123	Personality Affects Dispositional Trust and History-Based Trust in Different Ways. International Journal of Human-Computer Interaction, 0, , 1-12.	4.8	0