

# Janet Hui-Wen Hsiao

## List of Publications by Year in descending order

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72  
papers

1,631  
citations

394421

19  
h-index

330143

37  
g-index

79  
all docs

79  
docs citations

79  
times ranked

1187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two Fixations Suffice in Face Recognition. <i>Psychological Science</i> , 2008, 19, 998-1006.	3.3	346
2	Understanding eye movements in face recognition using hidden Markov models. <i>Journal of Vision</i> , 2014, 14, 8-8.	0.3	97
3	Not All Visual Expertise Is Holistic, but It May Be Leftist. <i>Psychological Science</i> , 2009, 20, 455-463.	3.3	86
4	Analysis of a Chinese Phonetic Compound Database: Implications for Orthographic Processing. <i>Journal of Psycholinguistic Research</i> , 2006, 35, 405-426.	1.3	80
5	Scanpath modeling and classification with hidden Markov models. <i>Behavior Research Methods</i> , 2018, 50, 362-379.	4.0	78
6	Humans have idiosyncratic and task-specific scanpaths for judging faces. <i>Vision Research</i> , 2015, 108, 67-76.	1.4	66
7	Holistic processing as a hallmark of perceptual expertise for nonface categories including Chinese characters. <i>Journal of Vision</i> , 2012, 12, 7-7.	0.3	59
8	Neural correlates of foveal splitting in reading: Evidence from an ERP study of Chinese character recognition. <i>Neuropsychologia</i> , 2007, 45, 1280-1292.	1.6	42
9	Hidden Markov model analysis reveals the advantage of analytic eye movement patterns in face recognition across cultures. <i>Cognition</i> , 2017, 169, 102-117.	2.2	42
10	Perceptual Expertise. <i>Psychological Science</i> , 2014, 25, 1757-1767.	3.3	39
11	Eye-movement patterns in face recognition are associated with cognitive decline in older adults. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 2200-2207.	2.8	39
12	Using emotion regulation strategies after sleep deprivation: ERP and behavioral findings. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 283-295.	2.0	34
13	Is having similar eye movement patterns during face learning and recognition beneficial for recognition performance? Evidence from hidden Markov modeling. <i>Vision Research</i> , 2017, 141, 204-216.	1.4	32
14	Individuals with insomnia misrecognize angry faces as fearful faces while missing the eyes: an eye-tracking study. <i>Sleep</i> , 2019, 42, .	1.1	27
15	A TMS examination of semantic radical combinability effects in Chinese character recognition. <i>Brain Research</i> , 2006, 1078, 159-167.	2.2	25
16	Sleep deprivation compromises resting-state emotional regulatory processes: An EEG study. <i>Journal of Sleep Research</i> , 2019, 28, e12671.	3.2	25
17	Convergence of the Visual Field Split: Hemispheric Modeling of Face and Object Recognition. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 2298-2307.	2.3	24
18	Transfer of Perceptual Expertise: The Case of Simplified and Traditional Chinese Character Recognition. <i>Cognitive Science</i> , 2016, 40, 1941-1968.	1.7	23

#	ARTICLE	IF	CITATIONS
19	Eye movement analysis with hidden Markov models (EMHMM) with co-clustering. Behavior Research Methods, 2021, 53, 2473-2486.	4.0	23
20	Do portrait artists have enhanced face processing abilities? Evidence from hidden Markov modeling of eye movements. Cognition, 2021, 211, 104616.	2.2	22
21	Foveal splitting causes differential processing of Chinese orthography in the male and female brain. Cognitive Brain Research, 2005, 25, 531-536.	3.0	21
22	The Modulation of Visual and Task Characteristics of a Writing System on Hemispheric Lateralization in Visual Word Recognition—A Computational Exploration. Cognitive Science, 2013, 37, 861-890.	1.7	20
23	How does reading direction modulate perceptual asymmetry effects?. Quarterly Journal of Experimental Psychology, 2017, 70, 1559-1574.	1.1	19
24	An examination of semantic radical combinability effects with lateralized cues in Chinese character recognition. Perception & Psychophysics, 2007, 69, 338-344.	2.3	18
25	Eye movement analysis with switching hidden Markov models. Behavior Research Methods, 2020, 52, 1026-1043.	4.0	18
26	The optimal viewing position in face recognition. Journal of Vision, 2012, 12, 22-22.	0.3	15
27	When is the right hemisphere holistic and when is it not? The case of Chinese character recognition. Cognition, 2018, 178, 50-56.	2.2	15
28	Modulation of mood on eye movement and face recognition performance.. Emotion, 2021, 21, 617-630.	1.8	15
29	Does adding video and subtitles to an audio lesson facilitate its comprehension?. Learning and Instruction, 2022, 77, 101542.	3.2	15
30	A new other-race effect for gaze perception.. Journal of Experimental Psychology: Human Perception and Performance, 2017, 43, 1857-1863.	0.9	15
31	Understanding visual attention to face emotions in social anxiety using hidden Markov models. Cognition and Emotion, 2020, 34, 1704-1710.	2.0	14
32	Cultural Orientation of Self-Bias in Perceptual Matching. Frontiers in Psychology, 2019, 10, 1469.	2.1	13
33	Holistic but with reduced right-hemisphere involvement: The case of dyslexia in Chinese character recognition. Psychonomic Bulletin and Review, 2020, 27, 553-562.	2.8	13
34	Hemispheric Asymmetry in Perception: A Differential Encoding Account. Journal of Cognitive Neuroscience, 2013, 25, 998-1007.	2.3	12
35	When Eyes Wander Around: Mind-Wandering as Revealed by Eye Movement Analysis with Hidden Markov Models. Sensors, 2021, 21, 7569.	3.8	12
36	Bilingual experience modulates hemispheric lateralization in visual word processing. Bilingualism, 2014, 17, 589-609.	1.3	11

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37	Position of phonetic components may influence how written words are processed in the brain: Evidence from Chinese phonetic compound pronunciation. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2010, 10, 552-559.	2.0	10
38	Visual field differences in visual word recognition can emerge purely from perceptual learning: Evidence from modeling Chinese character pronunciation. <i>Brain and Language</i> , 2011, 119, 89-98.	1.6	10
39	Transfer of the left-side bias effect in perceptual expertise: The case of simplified and traditional Chinese character recognition. <i>PLoS ONE</i> , 2018, 13, e0194405.	2.5	9
40	Interpretation biases and visual attention in the processing of ambiguous information in chronic pain. <i>European Journal of Pain</i> , 2020, 24, 1242-1256.	2.8	9
41	Understanding the collinear masking effect in visual search through eye tracking. <i>Psychonomic Bulletin and Review</i> , 2021, 28, 1933-1943.	2.8	9
42	Impact of mask use on face recognition: an eye-tracking study. <i>Cognitive Research: Principles and Implications</i> , 2022, 7, 32.	2.0	9
43	Holistic processing as measured in the composite task does not always go with right hemisphere processing in face perception. <i>Neurocomputing</i> , 2016, 182, 165-177.	5.9	8
44	Music reading expertise modulates hemispheric lateralization in English word processing but not in Chinese character processing. <i>Cognition</i> , 2018, 176, 159-173.	2.2	8
45	The interrelation between interpretation biases, threat expectancies and pain-related attentional processing. <i>European Journal of Pain</i> , 2020, 24, 1956-1967.	2.8	8
46	Representation of Linguistic Information Determines Its Susceptibility to Memory Interference. <i>Brain Sciences</i> , 2013, 3, 1244-1260.	2.3	7
47	Information Distribution Within Musical Segments. <i>Music Perception</i> , 2016, 34, 218-242.	1.1	7
48	Applying the Hidden Markov Model to Analyze Urban Mobility Patterns: An Interdisciplinary Approach. <i>Chinese Geographical Science</i> , 2021, 31, 1-13.	3.0	7
49	Perceptual experience shapes our ability to categorize faces by national origin: A new other-face effect. <i>British Journal of Psychology</i> , 2018, 109, 583-603.	2.3	6
50	Music-reading expertise modulates the visual span for English letters but not Chinese characters. <i>Journal of Vision</i> , 2019, 19, 10.	0.3	6
51	The effects of attentional and interpretation biases on later pain outcomes among younger and older adults: A prospective study. <i>European Journal of Pain</i> , 2022, 26, 181-196.	2.8	6
52	Understanding children's attention to traumatic dental injuries using eye-tracking. <i>Dental Traumatology</i> , 2022, 38, 410-416.	2.0	6
53	Clustering Hidden Markov Models With Variational Bayesian Hierarchical EM. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 1537-1551.	11.3	5
54	Global and Local Priming Evoke Different Face Processing Strategies: Evidence From An Eye Movement Study. <i>Journal of Vision</i> , 2015, 15, 154.	0.3	5

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55	Understanding Children's Attention to Dental Caries through Eye-Tracking. <i>Caries Research</i> , 2022, 56, 129-137.	2.0	5
56	The Modulation of Stimulus Structure on Visual Field Asymmetry Effects: The Case of Chinese Character Recognition. <i>Quarterly Journal of Experimental Psychology</i> , 2013, 66, 1739-1755.	1.1	4
57	Visual Similarity of Words Alone Can Modulate Hemispheric Lateralization in Visual Word Recognition: Evidence From Modeling Chinese Character Recognition. <i>Cognitive Science</i> , 2016, 40, 351-372.	1.7	4
58	Self-referential gaze perception of patients with schizophrenia and its relationship with symptomatology and cognitive functions. <i>Schizophrenia Research</i> , 2021, 228, 288-294.	2.0	4
59	Non-monotonic developmental trend of holistic processing in visual expertise: the case of Chinese character recognition. <i>Cognitive Research: Principles and Implications</i> , 2022, 7, 39.	2.0	4
60	Music reading experience modulates eye movement pattern in English reading but not in Chinese reading. <i>Scientific Reports</i> , 2022, 12, .	3.3	4
61	Explicit and implicit mentalization of patients with first-episode schizophrenia: a study of self-referential gaze perception with eye movement analysis using hidden Markov models. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, , 1.	3.2	3
62	PRIMAL-GMM: PaRametric MANifold Learning of Gaussian Mixture Models. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2022, 44, 3197-3211.	13.9	2
63	Idiosyncratic eye-movement patterns modulate holistic processing of faces: evidence from the composite face effect and the inverted face effect. <i>Journal of Vision</i> , 2021, 21, 1851.	0.3	2
64	Analytic eye movement patterns in face recognition are associated with enhanced face recognition performance and top-down control of visual attention. <i>Journal of Vision</i> , 2017, 17, 1144.	0.3	2
65	Eye Movement Patterns in Face Recognition are Associated with Cognitive Decline in Older Adults: An HMM Approach. <i>Journal of Vision</i> , 2018, 18, 231.	0.3	2
66	Parametric Manifold Learning of Gaussian Mixture Models. , 2019, , .		2
67	Eye movement analysis of children's attention for midline diastema. <i>Scientific Reports</i> , 2022, 12, 7462.	3.3	2
68	Holistic Processing Is Not Always a Property of Right Hemisphere Processing- Evidence from Computational Modeling of Face Recognition. <i>Lecture Notes in Computer Science</i> , 2013, , 1-8.	1.3	1
69	Hemispheric asymmetry in processing low- and high-pass filtered Cantonese speech in tonal and non-tonal language speakers. <i>Language and Cognitive Processes</i> , 2013, 28, 1224-1243.	2.2	0
70	Racial ambiguity impairs holistic face processing. <i>Journal of Vision</i> , 2021, 21, 1934.	0.3	0
71	What enhances/reduces holistic processing in perceptual expertise: experience in writing/drawing versus component composition. <i>Journal of Vision</i> , 2017, 17, 1039.	0.3	0
72	Does face-drawing experience enhance face processing abilities? Evidence from hidden Markov modeling of eye movements. <i>Journal of Vision</i> , 2018, 18, 561.	0.3	0