Janet Hui-Wen Hsiao

List of Publications by Year
in descending order

72	1,631	448610 19	371746 37
papers	citations	h-index	g-index

79	79	79	1358
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Clustering Hidden Markov Models With Variational Bayesian Hierarchical EM. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1537-1551.	7.2	5
2	PRIMAL-GMM: PaRametrIc MAnifold Learning of Gaussian Mixture Models. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 3197-3211.	9.7	2
3	The effects of attentional and interpretation biases on later pain outcomes among younger and older adults: A prospective study. European Journal of Pain, 2022, 26, 181-196.	1.4	6
4	Does adding video and subtitles to an audio lesson facilitate its comprehension?. Learning and Instruction, 2022, 77, 101542.	1.9	15
5	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. European Archives of Psychiatry and Clinical Neuroscience, 2022, , 1.	1.8	3
6	Impact of mask use on face recognition: an eye-tracking study. Cognitive Research: Principles and Implications, 2022, 7, 32.	1.1	9
7	Understanding Childrenâ€™s Attention to Dental Caries through Eye-Tracking. Caries Research, 2022, 56, 129-137.	0.9	5
8	Understanding children's attention to traumatic dental injuries using eyeâ€tracking. Dental Traumatology, 2022, 38, 410-416.	0.8	6
9	Eye movement analysis of childrenâ€™s attention for midline diastema. Scientific Reports, 2022, 12, 7462.	1.6	2
10	Non-monotonic developmental trend of holistic processing in visual expertise: the case of Chinese character recognition. Cognitive Research: Principles and Implications, 2022, 7, 39.	1.1	4
11	Music reading experience modulates eye movement pattern in English reading but not in Chinese reading. Scientific Reports, 2022, 12, .	1.6	4
12	Applying the Hidden Markov Model to Analyze Urban Mobility Patterns: An Interdisciplinary Approach. Chinese Geographical Science, 2021, 31, 1-13.	1.2	7
13	Self-referential gaze perception of patients with schizophrenia and its relationship with symptomatology and cognitive functions. Schizophrenia Research, 2021, 228, 288-294.	1.1	4
14	Modulation of mood on eye movement and face recognition performance.. Emotion, 2021, 21, 617-630.	1.5	15
15	Eye movement analysis with hidden Markov models (EMHMM) with co-clustering. Behavior Research Methods, 2021, 53, 2473-2486.	2.3	23
16	Understanding the collinear masking effect in visual search through eye tracking. Psychonomic Bulletin and Review, 2021, 28, 1933-1943.	1.4	9
17	Do portrait artists have enhanced face processing abilities? Evidence from hidden Markov modeling of eye movements. Cognition, 2021, 211, 104616.	1.1	22
18	Racial ambiguity impairs holistic face processing. Journal of Vision, 2021, 21, 1934.	0.1	0

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19	Idiosyncratic eye-movement patterns modulate holistic processing of faces: evidence from the composite face effect and the inverted face effect. Journal of Vision, 2021, 21, 1851.	0.1	2
20	When Eyes Wander Around: Mind-Wandering as Revealed by Eye Movement Analysis with Hidden Markov Models. Sensors, 2021, 21, 7569.	2.1	12
21	Eye movement analysis with switching hidden Markov models. Behavior Research Methods, 2020, 52, 1026-1043.	2.3	18
22	Interpretation biases and visual attention in the processing of ambiguous information in chronic pain. European Journal of Pain, 2020, 24, 1242-1256.	1.4	9
23	The interrelation between interpretation biases, threat expectancies and painâ€related attentional processing. European Journal of Pain, 2020, 24, 1956-1967.	1.4	8
24	Understanding visual attention to face emotions in social anxiety using hidden Markov models. Cognition and Emotion, 2020, 34, 1704-1710.	1.2	14
25	Holistic but with reduced right-hemisphere involvement: The case of dyslexia in Chinese character recognition. Psychonomic Bulletin and Review, 2020, 27, 553-562.	1.4	13
26	Cultural Orientation of Self-Bias in Perceptual Matching. Frontiers in Psychology, 2019, 10, 1469.	1.1	13
27	Music-reading expertise modulates the visual span for English letters but not Chinese characters. Journal of Vision, 2019, 19, 10.	0.1	6
28	Using emotion regulation strategies after sleep deprivation: ERP and behavioral findings. Cognitive, Affective and Behavioral Neuroscience, 2019, 19, 283-295.	1.0	34
29	Individuals with insomnia misrecognize angry faces as fearful faces while missing the eyes: an eye-tracking study. Sleep, 2019, 42, .	0.6	27
30	Sleep deprivation compromises restingâ€state emotional regulatory processes: An <scp>EEG</scp> study. Journal of Sleep Research, 2019, 28, e12671.	1.7	25
31	Parametric Manifold Learning of Gaussian Mixture Models. , 2019, , .		2
32	Perceptual experience shapes our ability to categorize faces by national origin: A new otherâ€race effect. British Journal of Psychology, 2018, 109, 583-603.	1.2	6
33	Eye-movement patterns in face recognition are associated with cognitive decline in older adults. Psychonomic Bulletin and Review, 2018, 25, 2200-2207.	1.4	39
34	Music reading expertise modulates hemispheric lateralization in English word processing but not in Chinese character processing. Cognition, 2018, 176, 159-173.	1.1	8
35	Scanpath modeling and classification with hidden Markov models. Behavior Research Methods, 2018, 50, 362-379.	2.3	78
36	When is the right hemisphere holistic and when is it not? The case of Chinese character recognition. Cognition, 2018, 178, 50-56.	1.1	15

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37	Transfer of the left-side bias effect in perceptual expertise: The case of simplified and traditional Chinese character recognition. PLoS ONE, 2018, 13, e0194405.	1.1	9
38	Eye Movement Patterns in Face Recognition are Associated with Cognitive Decline in Older Adults: An HMM Approach. Journal of Vision, 2018, 18, 231.	0.1	2
39	Does face-drawing experience enhance face processing abilities? Evidence from hidden Markov modeling of eye movements. Journal of Vision, 2018, 18, 561.	0.1	0
40	How does reading direction modulate perceptual asymmetry effects?. Quarterly Journal of Experimental Psychology, 2017, 70, 1559-1574.	0.6	19
41	Is having similar eye movement patterns during face learning and recognition beneficial for recognition performance? Evidence from hidden Markov modeling. Vision Research, 2017, 141, 204-216.	0.7	32
42	Hidden Markov model analysis reveals the advantage of analytic eye movement patterns in face recognition across cultures. Cognition, 2017, 169, 102-117.	1.1	42
43	A new other-race effect for gaze perception.. Journal of Experimental Psychology: Human Perception and Performance, 2017, 43, 1857-1863.	0.7	15
44	Analytic eye movement patterns in face recognition are associated with enhanced face recognition performance and top-down control of visual attention. Journal of Vision, 2017, 17, 1144.	0.1	2
45	What enhances/reduces holistic processing in perceptual expertise: experience in writing/drawing versus component composition. Journal of Vision, 2017, 17, 1039.	0.1	0
46	Information Distribution Within Musical Segments. Music Perception, 2016, 34, 218-242.	0.5	7
47	Transfer of Perceptual Expertise: The Case of Simplified and Traditional Chinese Character Recognition. Cognitive Science, 2016, 40, 1941-1968.	0.8	23
48	Visual Similarity of Words Alone Can Modulate Hemispheric Lateralization in Visual Word Recognition: Evidence From Modeling Chinese Character Recognition. Cognitive Science, 2016, 40, 351-372.	0.8	4
49	Holistic processing as measured in the composite task does not always go with right hemisphere processing in face perception. Neurocomputing, 2016, 182, 165-177.	3.5	8
50	Humans have idiosyncratic and task-specific scanpaths for judging faces. Vision Research, 2015, 108, 67-76.	0.7	66
51	Global and Local Priming Evoke Different Face Processing Strategies: Evidence From An Eye Movement Study. Journal of Vision, 2015, 15, 154.	0.1	5
52	Understanding eye movements in face recognition using hidden Markov models. Journal of Vision, 2014, 14, 8-8.	0.1	97
53	Bilingual experience modulates hemispheric lateralization in visual word processing. Bilingualism, 2014, 17, 589-609.	1.0	11
54	Perceptual Expertise. Psychological Science, 2014, 25, 1757-1767.	1.8	39

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55	The Modulation of Stimulus Structure on Visual Field Asymmetry Effects: The Case of Chinese Character Recognition. Quarterly Journal of Experimental Psychology, 2013, 66, 1739-1755.	0.6	4
56	Hemispheric Asymmetry in Perception: A Differential Encoding Account. Journal of Cognitive Neuroscience, 2013, 25, 998-1007.	1.1	12
57	Representation of Linguistic Information Determines Its Susceptibility to Memory Interference. Brain Sciences, 2013, 3, 1244-1260.	1.1	7
58	The Modulation of Visual and Task Characteristics of a Writing System on Hemispheric Lateralization in Visual Word Recognitionâ€"A Computational Exploration. Cognitive Science, 2013, 37, 861-890.	0.8	20
59	Hemispheric asymmetry in processing low- and high-pass filtered Cantonese speech in tonal and non-tonal language speakers. Language and Cognitive Processes, 2013, 28, 1224-1243.	2.3	0
60	Holistic Processing Is Not Always a Property of Right Hemisphere Processing- Evidence from Computational Modeling of Face Recognition. Lecture Notes in Computer Science, 2013, , 1-8.	1.0	1
61	Holistic processing as a hallmark of perceptual expertise for nonface categories including Chinese characters. Journal of Vision, 2012, 12, 7-7.	0.1	59
62	The optimal viewing position in face recognition. Journal of Vision, 2012, 12, 22-22.	0.1	15
63	Visual field differences in visual word recognition can emerge purely from perceptual learning: Evidence from modeling Chinese character pronunciation. Brain and Language, 2011, 119, 89-98.	0.8	10
64	Position of phonetic components may influence how written words are processed in the brain: Evidence from Chinese phonetic compound pronunciation. Cognitive, Affective and Behavioral Neuroscience, 2010, 10, 552-559.	1.0	10
65	Not All Visual Expertise Is Holistic, but It May Be Leftist. Psychological Science, 2009, 20, 455-463.	1.8	86
66	Two Fixations Suffice in Face Recognition. Psychological Science, 2008, 19, 998-1006.	1.8	346
67	Convergence of the Visual Field Split: Hemispheric Modeling of Face and Object Recognition. Journal of Cognitive Neuroscience, 2008, 20, 2298-2307.	1.1	24
68	Neural correlates of foveal splitting in reading: Evidence from an ERP study of Chinese character recognition. Neuropsychologia, 2007, 45, 1280-1292.	0.7	42
69	An examination of semantic radical combinability effects with lateralized cues in Chinese character recognition. Perception & Psychophysics, 2007, 69, 338-344.	2.3	18
70	Analysis of a Chinese Phonetic Compound Database: Implications for Orthographic Processing. Journal of Psycholinguistic Research, 2006, 35, 405-426.	0.7	80
71	A TMS examination of semantic radical combinability effects in Chinese character recognition. Brain Research, 2006, 1078, 159-167.	1.1	25
72	Foveal splitting causes differential processing of Chinese orthography in the male and female brain. Cognitive Brain Research, 2005, 25, 531-536.	3.3	21