

Xiaolan Fu

List of Publications by Year in descending order

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93
papers

3,731
citations

201674

27
h-index

138484

58
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94
all docs

94
docs citations

94
times ranked

3140
citing authors

#	ARTICLE	IF	CITATIONS
1	CASME II: An Improved Spontaneous Micro-Expression Database and the Baseline Evaluation. PLoS ONE, 2014, 9, e86041.	2.5	542
2	An open science resource for establishing reliability and reproducibility in functional connectomics. Scientific Data, 2014, 1, 140049.	5.3	349
3	A Main Directional Mean Optical Flow Feature for Spontaneous Micro-Expression Recognition. IEEE Transactions on Affective Computing, 2016, 7, 299-310.	8.3	298
4	How Fast are the Leaked Facial Expressions: The Duration of Micro-Expressions. Journal of Nonverbal Behavior, 2013, 37, 217-230.	1.0	284
5	CAS(ME): A Database for Spontaneous Macro-Expression and Micro-Expression Spotting and Recognition. IEEE Transactions on Affective Computing, 2018, 9, 424-436.	8.3	162
6	Face Recognition and Micro-expression Recognition Based on Discriminant Tensor Subspace Analysis Plus Extreme Learning Machine. Neural Processing Letters, 2014, 39, 25-43.	3.2	157
7	Effects of culture, social presence, and group composition on trust in technology-supported decision-making groups. Information Systems Journal, 2010, 20, 297-315.	6.9	148
8	The Impact of Individualism-Collectivism, Social Presence, and Group Diversity on Group Decision Making Under Majority Influence. Journal of Management Information Systems, 2007, 23, 53-80.	4.3	147
9	Micro-Expression Recognition Using Color Spaces. IEEE Transactions on Image Processing, 2015, 24, 6034-6047.	9.8	137
10	Dual Temporal Scale Convolutional Neural Network for Micro-Expression Recognition. Frontiers in Psychology, 2017, 8, 1745.	2.1	114
11	Micro-expression recognition with small sample size by transferring long-term convolutional neural network. Neurocomputing, 2018, 312, 251-262.	5.9	91
12	Micro-expression Recognition Using Dynamic Textures on Tensor Independent Color Space. , 2014, , .		82
13	Implicit sequence learning and conscious awareness. Consciousness and Cognition, 2008, 17, 185-202.	1.5	76
14	MESNet: A Convolutional Neural Network for Spotting Multi-Scale Micro-Expression Intervals in Long Videos. IEEE Transactions on Image Processing, 2021, 30, 3956-3969.	9.8	67
15	A main directional maximal difference analysis for spotting facial movements from long-term videos. Neurocomputing, 2017, 230, 382-389.	5.9	61
16	Neural Responses to Rapid Facial Expressions of Fear and Surprise. Frontiers in Psychology, 2017, 8, 761.	2.1	57
17	SMEConvNet: A Convolutional Neural Network for Spotting Spontaneous Facial Micro-Expression From Long Videos. IEEE Access, 2018, 6, 71143-71151.	4.2	55
18	Fast and careless or careful and slow? Apparent holistic processing in mental rotation is explained by speed-accuracy trade-offs.. Journal of Experimental Psychology: Learning Memory and Cognition, 2015, 41, 1140-1151.	0.9	50

#	ARTICLE	IF	CITATIONS
19	CASME database: A dataset of spontaneous micro-expressions collected from neutralized faces. , 2013, , .		48
20	For micro-expression recognition: Database and suggestions. Neurocomputing, 2014, 136, 82-87.	5.9	46
21	Intentional control based on familiarity in artificial grammar learning. Consciousness and Cognition, 2008, 17, 1209-1218.	1.5	42
22	Sparse tensor canonical correlation analysis for micro-expression recognition. Neurocomputing, 2016, 214, 218-232.	5.9	41
23	Precuneus Dysfunction in Parkinsonâ€™s Disease With Mild Cognitive Impairment. Frontiers in Aging Neuroscience, 2018, 10, 427.	3.4	40
24	Electrophysiological correlates of visually processing subject's own name. Neuroscience Letters, 2011, 491, 143-147.	2.1	37
25	How Early is Infants' Attention to Objects and Actions Shaped by Culture? New Evidence from 24-Month-Olds Raised in the US and China. Frontiers in Psychology, 2016, 7, 97.	2.1	35
26	Processing of Individual Items during Ensemble Coding of Facial Expressions. Frontiers in Psychology, 2016, 7, 1332.	2.1	34
27	Amygdala Volume Predicts Inter-Individual Differences in Fearful Face Recognition. PLoS ONE, 2013, 8, e74096.	2.5	32
28	The interaction between cognition and emotion. Science Bulletin, 2009, 54, 4102-4116.	1.7	31
29	Do objects in working memory compete with objects in perception?. Visual Cognition, 2010, 18, 617-640.	1.6	30
30	Emotional Context Influences Micro-Expression Recognition. PLoS ONE, 2014, 9, e95018.	2.5	30
31	Gender differences in the effects of post-learning emotion on consolidation of item memory and source memory. Neurobiology of Learning and Memory, 2010, 93, 572-580.	1.9	25
32	Reexamining the neural network involved in perception of facial expression: A meta-analysis. Neuroscience and Biobehavioral Reviews, 2021, 131, 179-191.	6.1	25
33	Time course of effects of emotion on item memory and source memory for Chinese words. Neurobiology of Learning and Memory, 2011, 95, 415-424.	1.9	23
34	Electrophysiological Evidence Reveals Differences between the Recognition of Microexpressions and Macroexpressions. Frontiers in Psychology, 2016, 7, 1346.	2.1	23
35	A Deeper Look at Gender Difference in Multitasking: Gender-Specific Mechanism of Cognitive Control. , 2009, , .		21
36	A computational cognition model of perception, memory, and judgment. Science China Information Sciences, 2014, 57, 1-15.	4.3	20

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37	Drivers' and non-drivers' performance in a change detection task with static driving scenes: is there a benefit of experience?. <i>Ergonomics</i> , 2014, 57, 998-1007.	2.1	19
38	“You Should Have Seen the Look on Your Face” Self-awareness of Facial Expressions. <i>Frontiers in Psychology</i> , 2017, 8, 832.	2.1	19
39	Discriminability effect on Garner interference: evidence from recognition of facial identity and expression. <i>Frontiers in Psychology</i> , 2013, 4, 943.	2.1	16
40	Enactment supports unitisation of action components and enhances the contribution of familiarity to associative recognition. <i>Journal of Cognitive Psychology</i> , 2016, 28, 932-947.	0.9	14
41	Exploring the Cognitive Processes Causing the Age-Related Categorization Deficit in the Recognition of Facial Expressions. <i>Experimental Aging Research</i> , 2016, 42, 348-364.	1.2	14
42	Implicit sequence learning of chunking and abstract structures. <i>Consciousness and Cognition</i> , 2018, 62, 42-56.	1.5	14
43	Facial expression at retrieval affects recognition of facial identity. <i>Frontiers in Psychology</i> , 2015, 6, 780.	2.1	12
44	Emotional context modulates microexpression processing as reflected in event-related potentials. <i>PsyCh Journal</i> , 2018, 7, 13-24.	1.1	12
45	Spatial Stroop and spatial orienting: the role of onset versus offset cues. <i>Psychological Research</i> , 2010, 74, 277-290.	1.7	11
46	To Bind or Not to Bind? Different Temporal Binding Effects from Voluntary Pressing and Releasing Actions. <i>PLoS ONE</i> , 2013, 8, e64819.	2.5	11
47	The role of edge-based and surface-based information in natural scene categorization: Evidence from behavior and event-related potentials. <i>Consciousness and Cognition</i> , 2016, 43, 152-166.	1.5	11
48	The Influence of Event Valence and Emotional States on the Metaphorical Comprehension of Time. <i>Frontiers in Psychology</i> , 2019, 10, 410.	2.1	10
49	I Undervalue You but I Need You: The Dissociation of Attitude and Memory Toward In-Group Members. <i>PLoS ONE</i> , 2012, 7, e32932.	2.5	9
50	Neural Correlates of Subjective Awareness for Natural Scene Categorization of Color Photographs and Line-Drawings. <i>Frontiers in Psychology</i> , 2017, 08, 210.	2.1	8
51	A metamodel based model transformation approach. , 2005, , .		7
52	Familiarity and complexity modulate the way children imitate tool-use actions: A cross-cultural study. <i>Journal of Cognitive Psychology</i> , 2012, 24, 221-228.	0.9	6
53	Voluntary action and tactile sensory feedback in the intentional binding effect. <i>Experimental Brain Research</i> , 2016, 234, 2283-2292.	1.5	6
54	Brain Activation in Contrasts of Microexpression Following Emotional Contexts. <i>Frontiers in Neuroscience</i> , 2020, 14, 329.	2.8	6

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55	The China Image Set (CIS): A New Set of 551 Colored Photos With Chinese Norms for 12 Psycholinguistic Variables. <i>Frontiers in Psychology</i> , 2019, 10, 2631.	2.1	5
56	Unitization of internal and external features contributes to associative recognition for faces: Evidence from modulations of the FN400. <i>Brain Research</i> , 2020, 1748, 147077.	2.2	5
57	Comparison of human face matching behavior and computational image similarity measure. <i>Science in China Series F: Information Sciences</i> , 2009, 52, 316-321.	1.1	4
58	A distributed computational cognitive model for object recognition. <i>Science China Information Sciences</i> , 2013, 56, 1-13.	4.3	4
59	Voluntary Pressing and Releasing Actions Induce Different Senses of Time: Evidence from Event-Related Brain Responses. <i>Scientific Reports</i> , 2015, 4, 6047.	3.3	4
60	Neural activity associated with attention orienting triggered by implied action cues. <i>Brain Research</i> , 2016, 1642, 353-363.	2.2	4
61	Opposing Subjective Temporal Experiences in Response to Unpredictable and Predictable Fear-Relevant Stimuli. <i>Frontiers in Psychology</i> , 2018, 9, 360.	2.1	4
62	Problem representation and solution strategies in solitaire chess. <i>European Journal of Cognitive Psychology</i> , 1995, 7, 261-281.	1.3	3
63	Subjective image quality assessment: A method based on signal detection theory. , 2009, , .		3
64	Paired-Associate and Feedback-Based Weather Prediction Tasks Support Multiple Category Learning Systems. <i>Frontiers in Psychology</i> , 2016, 7, 1017.	2.1	3
65	The Preponderant Role of Fusiform Face Area for the Facial Expression Confusion Effect: An MEG Study. <i>Neuroscience</i> , 2020, 433, 42-52.	2.3	3
66	MFED: A Database for Masked Facial Expression. <i>IEEE Access</i> , 2021, 9, 96279-96287.	4.2	3
67	Disappearing and appearing: Temporal binding effects are consistent across situations. <i>Consciousness and Cognition</i> , 2021, 93, 103166.	1.5	3
68	Confusion Effects of Facial Expression Recognition in Patients With Major Depressive Disorder and Healthy Controls. <i>Frontiers in Psychology</i> , 2021, 12, 703888.	2.1	3
69	The specific contribution of object's origin on artifacts categorization. <i>Science Bulletin</i> , 2006, 51, 2851-2859.	1.7	2
70	Effects of task-irrelevant emotional information on deception. <i>Cognition and Emotion</i> , 2018, 32, 1265-1274.	2.0	2
71	A Dual Simple Recurrent Network Model for Chunking and Abstract Processes in Sequence Learning. <i>Frontiers in Psychology</i> , 2021, 12, 587405.	2.1	2
72	Unpredictable fearful stimuli disrupt timing activities: Evidence from event-related potentials. <i>Neuropsychologia</i> , 2021, 163, 108057.	1.6	2

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73	Editorial: Cross-Modal Learning: Adaptivity, Prediction and Interaction. <i>Frontiers in Neurobotics</i> , 2022, 16, 889911.	2.8	2
74	Culture and Media Effects on Group Decision Making under Majority Influence. , 2006, , .		1
75	The foundation of JOLs and influencing factors. , 2010, , .		1
76	Do different emotional valences have same effects on spatial attention?. , 2010, , .		1
77	Dataset of implicit sequence learning of chunking and abstract structures. <i>Data in Brief</i> , 2019, 22, 72-75.	1.0	1
78	Effects of the Presence and Behavior of In-Group and Out-Group Strangers on Moral Hypocrisy. <i>Frontiers in Psychology</i> , 2020, 11, 551625.	2.1	1
79	The interactions among media and psychological functions on video-mediated communication. , 0, , .		0
80	P-13: Presentation of Visual and Audio Information for a Human-Computer Interface. <i>Digest of Technical Papers SID International Symposium</i> , 2001, 32, 595.	0.3	0
81	Peripheral Spatial Cues and Spatial Stroop Effect Can Modulate Each Other: Analyzing the Relationship between Input Selection and Dimensional Selection. , 2009, , .		0
82	The Role of Trait Anxiety in the Interaction between Eye Gaze and Facial Expressions. , 2009, , .		0
83	Naturally-formed objects categorized as artifacts: Effect of objectsâ€™ functional depictions. <i>Science Bulletin</i> , 2010, 55, 398-402.	1.7	0
84	Notice of Retraction: Reduced source memory for emotional pictures. , 2010, , .		0
85	“overwriting”; not “competing”; characterizes the visual working memory consolidation. , 2010, , .		0
86	Primes compete for responses with taregts evidence for a combind mechanism underlying affective priming in naming task. , 2011, , .		0
87	Action representation across ages and cultures: Recognition of action meansâ€™end change in German and Chinese children and adults. <i>Journal of Cognitive Psychology</i> , 2013, 25, 941-948.	0.9	0
88	Temporal orienting of attention: An fNIRS study on the illusion of â€œa watched pot never boilsâ€. <i>PsyCh Journal</i> , 2015, 4, 47-54.	1.1	0
89	The Effect of Consistency on Short-Term Memory for Scenes. <i>Frontiers in Psychology</i> , 2017, 8, 1712.	2.1	0
90	Psychological model of representation, generation, and adjustion of belief for artificial general intelligence. <i>Human Behavior and Emerging Technologies</i> , 2021, 3, 865-875.	4.4	0

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91	The role of context and level of object processing in the activation of structure- and function-based action representation. <i>Journal of Vision</i> , 2017, 17, 474.	0.3	0
92	Grasping modulates unconscious processing of manipulable objects. <i>Journal of Vision</i> , 2018, 18, 65.	0.3	0
93	The activation of structure- and function-based action representations in manipulable object naming: An EEG study. <i>Journal of Vision</i> , 2019, 19, 222.	0.3	0