

Hongjing Lu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

688
citations

15
h-index

25
g-index

64
ext. papers

907
ext. citations

3
avg, IF

4.56
L-index

#	Paper	IF	Citations
59	Bayesian generic priors for causal learning. <i>Psychological Review</i> , 2008 , 115, 955-84	6.3	131
58	Deep convolutional networks do not classify based on global object shape. <i>PLoS Computational Biology</i> , 2018 , 14, e1006613	5	92
57	Intuitive Physics: Current Research and Controversies. <i>Trends in Cognitive Sciences</i> , 2017 , 21, 749-759	14	41
56	A biological motion toolbox for reading, displaying, and manipulating motion capture data in research settings. <i>Journal of Vision</i> , 2013 , 13,	0.4	33
55	Intact recognition, but attenuated adaptation, for biological motion in youth with autism spectrum disorder. <i>Autism Research</i> , 2016 , 9, 1103-1113	5.1	32
54	Bayesian analogy with relational transformations. <i>Psychological Review</i> , 2012 , 119, 617-48	6.3	28
53	Emergence of analogy from relation learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 4176-4181	11.5	26
52	Physical and biological constraints govern perceived animacy of scrambled human forms. <i>Psychological Science</i> , 2013 , 24, 1133-41	7.9	26
51	Structural processing in biological motion perception. <i>Journal of Vision</i> , 2010 , 10, 13	0.4	22
50	Perception of social interactions for spatially scrambled biological motion. <i>PLoS ONE</i> , 2014 , 9, e112539	3.7	21
49	Learning motion discrimination with suppressed MT. <i>Vision Research</i> , 2004 , 44, 1817-25	2.1	19
48	Neural adaptation in pSTS correlates with perceptual aftereffects to biological motion and with autistic traits. <i>NeuroImage</i> , 2016 , 136, 149-61	7.9	18
47	Individual differences in high-level biological motion tasks correlate with autistic traits. <i>Vision Research</i> , 2017 , 141, 136-144	2.1	15
46	Local features and global shape information in object classification by deep convolutional neural networks. <i>Vision Research</i> , 2020 , 172, 46-61	2.1	15
45	Social Interactions Receive Priority to Conscious Perception. <i>PLoS ONE</i> , 2016 , 11, e0160468	3.7	15
44	Joints and their relations as critical features in action discrimination: evidence from a classification image method. <i>Journal of Vision</i> , 2015 , 15, 15.1.20	0.4	14
43	The glare effect does not give rise to a longer-lasting afterimage. <i>Perception</i> , 2006 , 35, 701-7	1.2	11

42	Individual differences in spontaneous analogical transfer. <i>Memory and Cognition</i> , 2017 , 45, 576-588	2.2	10
41	The discovery and comparison of symbolic magnitudes. <i>Cognitive Psychology</i> , 2014 , 71, 27-54	3.1	10
40	Shape recognition alters sensitivity in stereoscopic depth discrimination. <i>Journal of Vision</i> , 2006 , 6, 75-86	0.4	10
39	Causal Action: A Fundamental Constraint on Perception and Inference About Body Movements. <i>Psychological Science</i> , 2017 , 28, 798-807	7.9	9
38	Revisiting the importance of common body motion in human action perception. <i>Attention, Perception, and Psychophysics</i> , 2016 , 78, 30-6	2	9
37	Computing dynamic classification images from correlation maps. <i>Journal of Vision</i> , 2006 , 6, 475-83	0.4	8
36	Verbal analogy problem sets: An inventory of testing materials. <i>Behavior Research Methods</i> , 2020 , 52, 1803-1816	6.1	8
35	A Bayesian Theory of Sequential Causal Learning and Abstract Transfer. <i>Cognitive Science</i> , 2016 , 40, 404-39	3.9	8
34	Perception of Human Interaction Based on Motion Trajectories: From Aerial Videos to Decontextualized Animations. <i>Topics in Cognitive Science</i> , 2018 , 10, 225-241	2.5	8
33	Generative Inferences Based on Learned Relations. <i>Cognitive Science</i> , 2017 , 41 Suppl 5, 1062-1092	2.2	7
32	Role of gamma-band synchronization in priming of form discrimination for multiobject displays. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2006 , 32, 610-7	2.6	7
31	Causal competition based on generic priors. <i>Cognitive Psychology</i> , 2016 , 86, 62-86	3.1	5
30	Predicting patterns of similarity among abstract semantic relations. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2021 ,	2.2	4
29	The Impact of Autistic Traits on Self-Recognition of Body Movements. <i>Frontiers in Psychology</i> , 2018 , 9, 2687	3.4	3
28	Classification Images Reveal that Deep Learning Networks Fail to Perceive Illusory Contours. <i>Journal of Vision</i> , 2017 , 17, 569	0.4	3
27	Understanding the visual perception of awkward body movements: How interactions go awry. <i>Attention, Perception, and Psychophysics</i> , 2020 , 82, 2544-2557	2	3
26	Causal actions enhance perception of continuous body movements. <i>Cognition</i> , 2020 , 194, 104060	3.5	3
25	Flash-lag effects in biological motion interact with body orientation and action familiarity. <i>Vision Research</i> , 2017 , 140, 13-24	2.1	2

24	Categorizing coordination from the perception of joint actions. <i>Attention, Perception, and Psychophysics</i> , 2018 , 80, 7-13	2	2
23	When a never-seen but less-occluded image is better recognized: evidence from old-new memory experiments. <i>Journal of Vision</i> , 2008 , 8, 31.1-9	0.4	2
22	Intact perception of coherent motion, dynamic rigid form, and biological motion in chronic schizophrenia. <i>Psychiatry Research</i> , 2018 , 268, 53-59	9.9	1
21	When a never-seen but less-occluded image is better recognized: evidence from same-different matching experiments and a model. <i>Journal of Vision</i> , 2009 , 9, 4.1-12	0.4	1
20	Individual Differences in Self-recognition from Body Movements. <i>Journal of Vision</i> , 2018 , 18, 1039	0.4	1
19	Evidence that low IQ, but not schizophrenia, impairs motion integration. <i>Journal of Vision</i> , 2018 , 18, 51	0.4	1
18	Exploring biological motion perception in two-stream convolutional neural networks. <i>Vision Research</i> , 2021 , 178, 28-40	2.1	1
17	Parts beget parts: Bootstrapping hierarchical object representations through visual statistical learning. <i>Cognition</i> , 2021 , 209, 104515	3.5	0
16	A unified psychological space for human perception of physical and social events. <i>Cognitive Psychology</i> , 2021 , 128, 101398	3.1	0
15	Human efficiency in detecting and discriminating biological motion. <i>Journal of Vision</i> , 2017 , 17, 4	0.4	
14	What the Bayesian framework has contributed to understanding cognition: Causal learning as a case study. <i>Behavioral and Brain Sciences</i> , 2011 , 34, 203-204	0.9	
13	Show Me What You Can Do: Capability Calibration on Reachable Workspace for Human-Robot Collaboration. <i>IEEE Robotics and Automation Letters</i> , 2022 , 7, 2644-2651	4.2	
12	That was awkward! How greetings go awry. <i>Journal of Vision</i> , 2018 , 18, 670	0.4	
11	Behavioral oscillations reveal hierarchical representation of biological motion. <i>Journal of Vision</i> , 2018 , 18, 54	0.4	
10	Social Threat Perception from Body Movements. <i>Journal of Vision</i> , 2019 , 19, 191b	0.4	
9	Temporal Boundary Extension in the Representation of Actions. <i>Journal of Vision</i> , 2019 , 19, 38b	0.4	
8	Recursive Networks Reveal Illusory Contour Classification Images. <i>Journal of Vision</i> , 2019 , 19, 241a	0.4	
7	Can two-stream convolutional neural networks emulate human perception of biological movements?. <i>Journal of Vision</i> , 2019 , 19, 192a	0.4	

- 6 Enhancement of Representational Sparsity in Deep Neural Networks Can Improve Generalization. *Journal of Vision*, **2019**, 19, 209b 0.4
- 5 Seeing illusory body movements in human causal interactions. *Journal of Vision*, **2017**, 17, 68 0.4
- 4 The importance of gaze coherence of CCTV operators in facilitating the ability to recognise harmful intentions. *Journal of Vision*, **2017**, 17, 546 0.4
- 3 Features derived from a deep neural network distinguish visual cues used by CCTV experts versus novices. *Journal of Vision*, **2021**, 21, 1965 0.4
- 2 Aesthetic experience is influenced by causality in biological movements. *Journal of Vision*, **2021**, 21, 1916 0.4
- 1 Aesthetic preferences for causality in biological movements arise from visual processes.. *Psychonomic Bulletin and Review*, **2022**, 1 4.1