

Mary Hayhoe

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

3,388
citations

430874

18
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

2488
citing authors

#	ARTICLE	IF	CITATIONS
1	Eye movements in natural behavior. Trends in Cognitive Sciences, 2005, 9, 188-194.	7.8	998
2	In what ways do eye movements contribute to everyday activities?. Vision Research, 2001, 41, 3559-3565.	1.4	741
3	The coordination of eye, head, and hand movements in a natural task. Experimental Brain Research, 2001, 139, 266-277.	1.5	253
4	Vision Using Routines: A Functional Account of Vision. Visual Cognition, 2000, 7, 43-64.	1.6	229
5	Integration of Form across Saccadic Eye Movements. Perception, 1991, 20, 393-402.	1.2	148
6	Look-ahead fixations: anticipatory eye movements in natural tasks. Experimental Brain Research, 2007, 179, 427-442.	1.5	135
7	Attention, Reward, and Information Seeking. Journal of Neuroscience, 2014, 34, 15497-15504.	3.6	131
8	Adaptive Gaze Control in Natural Environments. Journal of Neuroscience, 2009, 29, 6234-6238.	3.6	130
9	Modeling Task Control of Eye Movements. Current Biology, 2014, 24, R622-R628.	3.9	85
10	Control of attention and gaze in complex environments. Journal of Vision, 2006, 6, 9.	0.3	76
11	The role of binocular vision in walking. Visual Neuroscience, 2009, 26, 73-80.	1.0	58
12	Predicting human visuomotor behaviour in a driving task. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130044.	4.0	53
13	The role of uncertainty and reward on eye movements in a virtual driving task. Journal of Vision, 2012, 12, 19-19.	0.3	52
14	Eye Movements, Visual Search and Scene Memory, in an Immersive Virtual Environment. PLoS ONE, 2014, 9, e94362.	2.5	48
15	Memory and prediction in natural gaze control. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130064.	4.0	44
16	Visually-guided behavior of homonymous hemianopes in a naturalistic task. Vision Research, 2007, 47, 3434-3446.	1.4	35
17	Real-time recording and classification of eye movements in an immersive virtual environment. Journal of Vision, 2013, 13, 5-5.	0.3	28
18	Differential impact of partial cortical blindness on gaze strategies when sitting and walking " An immersive virtual reality study. Vision Research, 2011, 51, 1173-1184.	1.4	25

#	ARTICLE	IF	CITATIONS
19	Gaze patterns in navigation: Encoding information in large-scale environments. Journal of Vision, 2010, 10, 28-28.	0.3	23
20	Atari-HEAD: Atari Human Eye-Tracking and Demonstration Dataset. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 6811-6820.	4.9	19
21	Binocular vision and the control of foot placement during walking in natural terrain. Scientific Reports, 2021, 11, 20881.	3.3	19
22	Use of multiple preferred retinal loci in Stargardt's disease during natural tasks: a case study*. Ophthalmic and Physiological Optics, 2008, 28, 168-177.	2.0	17
23	Impact of Wet Macular Degeneration on the Execution of Natural Actions. , 2015, 56, 6832.		14
24	Capacity Limitations in Memory for Visual Locations. Perception, 1995, 24, 1427-1441.	1.2	12
25	Eye movements during natural actions in patients with schizophrenia. Journal of Psychiatry and Neuroscience, 2013, 38, 317-324.	2.4	7
26	Use of gaze in natural tasks in Stargardt's disease: A preferred retinal region. International Congress Series, 2005, 1282, 608-612.	0.2	6
27	Task dependent spatial memory across saccades. Behavioral and Brain Sciences, 1994, 17, 267-268.	0.7	2
28	47.1: <i>Invited Paper</i> : Human Vision in Complex Environments. Digest of Technical Papers SID International Symposium, 2009, 40, 699-701.	0.3	0
29	Introduction to special issue on "Prediction in Perception and Action": Journal of Vision, 2020, 20, 8.	0.3	0