

# 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	Binocular vision and the control of foot placement during walking in natural terrain. Scientific Reports, 2021, 11, 20881.	3.3	19
2	Atari-HEAD: Atari Human Eye-Tracking and Demonstration Dataset. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 6811-6820.	4.9	19
3	Introduction to special issue on "Prediction in Perception and Action". Journal of Vision, 2020, 20, 8.	0.3	0
4	Impact of Wet Macular Degeneration on the Execution of Natural Actions. , 2015, 56, 6832.		14
5	Predicting human visuomotor behaviour in a driving task. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130044.	4.0	53
6	Attention, Reward, and Information Seeking. Journal of Neuroscience, 2014, 34, 15497-15504.	3.6	131
7	Modeling Task Control of Eye Movements. Current Biology, 2014, 24, R622-R628.	3.9	85
8	Eye Movements, Visual Search and Scene Memory, in an Immersive Virtual Environment. PLoS ONE, 2014, 9, e94362.	2.5	48
9	Memory and prediction in natural gaze control. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130064.	4.0	44
10	Eye movements during natural actions in patients with schizophrenia. Journal of Psychiatry and Neuroscience, 2013, 38, 317-324.	2.4	7
11	Real-time recording and classification of eye movements in an immersive virtual environment. Journal of Vision, 2013, 13, 5-5.	0.3	28
12	The role of uncertainty and reward on eye movements in a virtual driving task. Journal of Vision, 2012, 12, 19-19.	0.3	52
13	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
14	Gaze patterns in navigation: Encoding information in large-scale environments. Journal of Vision, 2010, 10, 28-28.	0.3	23
15	Adaptive Gaze Control in Natural Environments. Journal of Neuroscience, 2009, 29, 6234-6238.	3.6	130
16	The role of binocular vision in walking. Visual Neuroscience, 2009, 26, 73-80.	1.0	58
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Visually-guided behavior of homonymous hemianopes in a naturalistic task. <i>Vision Research</i> , 2007, 47, 3434-3446.	1.4	35
20	Look-ahead fixations: anticipatory eye movements in natural tasks. <i>Experimental Brain Research</i> , 2007, 179, 427-442.	1.5	135
21	Control of attention and gaze in complex environments. <i>Journal of Vision</i> , 2006, 6, 9.	0.3	76
22	Use of gaze in natural tasks in Stargardt's disease: A preferred retinal region. <i>International Congress Series</i> , 2005, 1282, 608-612.	0.2	6
23	Eye movements in natural behavior. <i>Trends in Cognitive Sciences</i> , 2005, 9, 188-194.	7.8	998
24	In what ways do eye movements contribute to everyday activities?. <i>Vision Research</i> , 2001, 41, 3559-3565.	1.4	741
25	The coordination of eye, head, and hand movements in a natural task. <i>Experimental Brain Research</i> , 2001, 139, 266-277.	1.5	253
26	Vision Using Routines: A Functional Account of Vision. <i>Visual Cognition</i> , 2000, 7, 43-64.	1.6	229
27	Capacity Limitations in Memory for Visual Locations. <i>Perception</i> , 1995, 24, 1427-1441.	1.2	12
28	Task dependent spatial memory across saccades. <i>Behavioral and Brain Sciences</i> , 1994, 17, 267-268.	0.7	2
29	Integration of Form across Saccadic Eye Movements. <i>Perception</i> , 1991, 20, 393-402.	1.2	148