Behrang Keshavarz

List of Publications by Year
in descending order

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Version: 2024-02-01

42 papers	1,638 citations	331670 21 h-index	302126 39 g-index
46 all docs	46 docs citations	46 times ranked	953 citing authors

#	Article	IF	Citations
1	Validating an Efficient Method to Quantify Motion Sickness. Human Factors, 2011, 53, 415-426.	3.5	344
2	Vection and visually induced motion sickness: how are they related?. Frontiers in Psychology, 2015, 6, 472.	2.1	212
3	Comparing simulator sickness in younger and older adults during simulated driving under different multisensory conditions. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 54, 47-62.	3.7	80
4	Pleasant music as a countermeasure against visually induced motion sickness. Applied Ergonomics, 2014, 45, 521-527.	3.1	78
5	The efficacy of airflow and seat vibration on reducing visually induced motion sickness. Experimental Brain Research, 2017, 235, 2811-2820.	1.5	69
6	Combined effects of auditory and visual cues on the perception of vection. Experimental Brain Research, 2014, 232, 827-836.	1.5	59
7	Visually induced motion sickness can be alleviated by pleasant odors. Experimental Brain Research, 2015, 233, 1353-1364.	1.5	57
8	The effect of visual motion stimulus characteristics on vection and visually induced motion sickness. Displays, 2019, 58, 71-81.	3.7	50
9	Intra-visual conflict in visually induced motion sickness. Displays, 2011, 32, 181-188.	3.7	49
10	Stereoscopic Viewing Enhances Visually Induced Motion Sickness but Sound Does Not. Presence: Teleoperators and Virtual Environments, 2012, 21, 213-228.	0.6	48
11	Motion sickness diagnostic criteria: Consensus Document of the Classification Committee of the BÃ¡rÃ¡ny Society. Journal of Vestibular Research: Equilibrium and Orientation, 2021, 31, 327-344.	2.0	46
12	Axis Rotation and Visually Induced Motion Sickness: The Role of Combined Roll, Pitch, and Yaw Motion. Aviation, Space, and Environmental Medicine, 2011, 82, 1023-1029.	0.5	40
13	Motion sickness: current concepts and management. Current Opinion in Neurology, 2022, 35, 107-112.	3.6	35
14	Integration of sensory information precedes the sensation of vection: A combined behavioral and event-related brain potential (ERP) study. Behavioural Brain Research, 2014, 259, 131-136.	2.2	33
15	Predicting Individual Susceptibility to Visually Induced Motion Sickness by Questionnaire. Frontiers in Virtual Reality, 2021, 2, .	3.7	28
16	Passive restraint reduces visually induced motion sickness in older adults.. Journal of Experimental Psychology: Applied, 2017, 23, 85-99.	1.2	28
17	Illusory Self-Motion in Virtual Environments. Human Factors and Ergonomics, 2014, , 435-465.	0.0	28
18	The Visually Induced Motion Sickness Susceptibility Questionnaire (VIMSSQ): Estimating Individual Susceptibility to Motion Sickness-Like Symptoms When Using Visual Devices. Human Factors, 2023, 65, 107-124.	3.5	27

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19	Effect of Different Display Types on Vection and Its Interaction With Motion Direction and Field Dependence. I-Perception, 2017, 8, 204166951770776.	1.4	25
20	Visually induced motion sickness and presence in videogames: The role of sound. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 1763-1767.	0.3	24
21	Demonstrating the Potential for Dynamic Auditory Stimulation to Contribute to Motion Sickness. PLoS ONE, 2014, 9, e101016.	2.5	24
22	Vection lies in the brain of the beholder: EEG parameters as an objective measurement of vection. Frontiers in Psychology, 2015, 6, 1581.	2.1	23
23	Exploring Behavioral Methods to Reduce Visually Induced Motion Sickness in Virtual Environments. Lecture Notes in Computer Science, 2016, , 147-155.	1.3	22
24	Estimating the relative weights of visual and auditory tau versus heuristic-based cues for time-to-contact judgments in realistic, familiar scenes by older and younger adults. Attention, Perception, and Psychophysics, 2017, 79, 929-944.	1.3	22
25	Detecting and predicting visually induced motion sickness with physiological measures in combination with machine learning techniques. International Journal of Psychophysiology, 2022, 176, 14-26.	1.0	21
26	Neuropsychological Approaches to Visually-Induced Vection: an Overview and Evaluation of Neuroimaging and Neurophysiological Studies. Multisensory Research, 2020, 34, 153-186.	1.1	18
27	Introducing the VIMSSQ: Measuring susceptibility to visually induced motion sickness. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 2267-2271.	0.3	17
28	Visually Induced Motion Sickness on the Horizon. Frontiers in Virtual Reality, 2020, 1, .	3.7	17
29	Examining potential effects of arousal, valence, and likability of music on visually induced motion sickness. Experimental Brain Research, 2020, 238, 2347-2358.	1.5	16
30	Age Differences in Visual-Auditory Self-Motion Perception during a Simulated Driving Task. Frontiers in Psychology, 2016, 7, 595.	2.1	15
31	Examining the Effect of Age on Visualâ€“Vestibular Self-Motion Perception Using a Driving Paradigm. Perception, 2017, 46, 566-585.	1.2	15
32	The Rubber Hand Illusion in Healthy Younger and Older Adults. Multisensory Research, 2018, 31, 537-555.	1.1	15
33	The role of cognitive factors and personality traits in the perception of illusory self-motion (vection). Attention, Perception, and Psychophysics, 2021, 83, 1804-1817.	1.3	15
34	Multisensory Effects on Illusory Self-Motion (Vection): the Role of Visual, Auditory, and Tactile Cues. Multisensory Research, 2021, 34, 869-890.	1.1	15
35	Early cortical processing of vection-inducing visual stimulation as measured by event-related brain potentials (ERP). Displays, 2019, 58, 56-65.	3.7	9
36	Age-Correlated Incremental Consideration of Velocity Information in Relative Time-to-Arrival Judgments. Ecological Psychology, 2010, 22, 212-221.	1.1	8

#	Article	IF	Citations
37	The role of age and postural stability for visually induced motion sickness in a simulated driving task. Proceedings of the Human Factors and Ergonomics Society, 2015, 59, 770-770.	0.3	2
38	Discussion Panel: Motion Sickness in Virtual Environments. Proceedings of the Human Factors and Ergonomics Society, 2018, 62, 2043-2046.	0.3	1
39	Virtual Hand Illusion in younger and older adults. Journal of Rehabilitation and Assistive Technologies Engineering, 2021, 8, 205566832110593.	0.9	1
40	The effect of airflow on (visually induced) motion sickness during a simulated driving task. Journal of Vision, 2021, 21, 2786.	0.3	0
41	The Effects of Prescribed Analgesics on Driving. Canadian Journal of Pain, 0, , .	1.7	0
42	Comparing the Effect of Airflow Direction on Simulator Sickness and User Comfort in a High-Fidelity Driving Simulator. Lecture Notes in Computer Science, 2022, , 208-220.	1.3	0