Thomas A Stoffregen

List of Publications by Year
in descending order

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81	3,847	185998 28	133063 59
papers	citations	h-index	g-index

81	81	81	1818
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Perception of Affordances in Soccer: Kicking for Power Versus Kicking for Precision. Research Quarterly for Exercise and Sport, 2022, 93, 144-152.	0.8	6
2	Effects of physical driving experience on body movement and motion sickness among passengers in a virtual vehicle. Experimental Brain Research, 2021, 239, 491-500.	0.7	7
3	Structure of variability in scanning movement predicts braille reading performance in children. Scientific Reports, 2021, 11, 7182.	1.6	5
4	Control of a virtual vehicle influences postural activity and motion sickness in pre-adolescent children. Human Movement Science, 2021, 78, 102832.	0.6	7
5	The Role of Visual Feedback about Motion of the Ground on Postural Sway. Journal of Motor Behavior, 2020, 52, 352-359.	0.5	2
6	Effects of Linear Acceleration on Passenger Comfort During Physical Driving on an Urban Road. International Journal of Civil Engineering, 2020, 18, 1-8.	0.9	7
7	Identifying Causes of and Solutions for Cybersickness in Immersive Technology: Reformulation of a Research and Development Agenda. International Journal of Human-Computer Interaction, 2020, 36, 1783-1803.	3.3	86
8	Postural precursors of motion sickness in head-mounted displays: drivers and passengers, women and men. Ergonomics, 2020, 63, 1502-1511.	1.1	10
9	Perception of Affordances for Vertical and Horizontal Jumping in Children: Gymnasts Versus Non-Athletes. Research Quarterly for Exercise and Sport, 2020, 92, 1-9.	0.8	3
10	It doesnâ€™t add up: Nested affordances for reaching are perceived as a complex particular. Attention, Perception, and Psychophysics, 2020, 82, 3832-3841.	0.7	12
11	Postural Activity During Use of a Head-Mounted Display: Sex Differences in the â€œDriverâ€“Passengerâ€• Effect. Frontiers in Virtual Reality, 2020, 1, .	2.5	4
12	Social interaction in the emergence of toddlerâ€™s mealtime spoon use. Developmental Psychobiology, 2020, 62, 1124-1133.	0.9	10
13	Cybersickness in Virtual Reality Head-Mounted Displays: Examining the Influence of Sex Differences and Vehicle Control. International Journal of Human-Computer Interaction, 2020, 36, 1161-1167.	3.3	42
14	Higher order affordances for reaching: Perception and performance. Quarterly Journal of Experimental Psychology, 2019, 72, 1200-1211.	0.6	14
15	Unstable coupling of body sway with imposed motion precedes visually induced motion sickness. Human Movement Science, 2019, 64, 389-397.	0.6	18
16	Adaptive perception of changes in affordances for walking on a ship at sea. Human Movement Science, 2019, 64, 28-37.	0.6	11
17	Sensitivity to changes in dynamic affordances for walking on land and at sea. PLoS ONE, 2019, 14, e0221974.	1.1	5
18	Perceiving Nested Affordances for Another Person's Actions. Quarterly Journal of Experimental Psychology, 2018, 71, 17470218.2016.1.	0.6	4

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19	Visual tasks and stance width influence the spatial magnitude and temporal dynamics of standing body sway in 6- to 12-year old children. Human Movement Science, 2018, 59, 56-65.	0.6	9
20	Postural time-to-contact as a precursor of visually induced motion sickness. Experimental Brain Research, 2018, 236, 1631-1641.	0.7	19
21	Real-time visual feedback about postural activity increases postural instability and visually induced motion sickness. Gait and Posture, 2018, 65, 251-255.	0.6	9
22	The virtual reality head-mounted display Oculus Rift induces motion sickness and is sexist in its effects. Experimental Brain Research, 2017, 235, 889-901.	0.7	353
23	The Senses Considered as One Perceptual System. Ecological Psychology, 2017, 29, 165-197.	0.7	50
24	Dynamic perception of dynamic affordances: walking on a ship at sea. Experimental Brain Research, 2017, 235, 517-524.	0.7	14
25	Effects of Physical Driving Experience on Body Movement and Motion Sickness During Virtual Driving. Aerospace Medicine and Human Performance, 2017, 88, 985-992.	0.2	17
26	Passive restraint reduces visually induced motion sickness in older adults.. Journal of Experimental Psychology: Applied, 2017, 23, 85-99.	0.9	28
27	Effects of decades of physical driving on body movement and motion sickness during virtual driving. PLoS ONE, 2017, 12, e0187120.	1.1	34
28	The Rim and the Ancient Mariner: The Nautical Horizon Affects Postural Sway in Older Adults. PLoS ONE, 2016, 11, e0166900.	1.1	7
29	Letter to the Editor: On â€œAdvantages and disadvantages of stiffness instructions when studying postural controlâ€•by C.T. Bonnet: Quiet stance and the real world. Gait and Posture, 2016, 46, 210-212.	0.6	0
30	The distance of visual targets affects the spatial magnitude and multifractal scaling of standing body sway in younger and older adults. Experimental Brain Research, 2016, 234, 2721-2730.	0.7	33
31	Postural sway in men and women during nauseogenic motion of the illuminated environment. Experimental Brain Research, 2016, 234, 2709-2720.	0.7	46
32	Sex differences in visual performance and postural sway precede sex differences in visually induced motion sickness. Experimental Brain Research, 2016, 234, 313-322.	0.7	54
33	Perception of Object Length Via Manual Wielding in Children With and Without Developmental Coordination Disorder. Journal of Motor Behavior, 2016, 48, 13-19.	0.5	5
34	Hierarchical nesting of affordances in a tool use task.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 1627-1642.	0.7	28
35	Exploratory movement and affordances in design. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2015, 29, 257-265.	0.7	9
36	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.	0.2	2

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37	Subjective Reports and Postural Performance Among Older Adult Passengers on a Sea Voyage. Ecological Psychology, 2015, 27, 127-143.	0.7	10
38	Walking Before and During a Sea Voyage. Ecological Psychology, 2015, 27, 87-101.	0.7	3
39	Postural Precursors of Postboxing Motion Sickness in a Manual Aiming Task. Ecological Psychology, 2015, 27, 26-42.	0.7	2
40	Dementia alters standing postural adaptation during a visual search task in older adult men. Neuroscience Letters, 2015, 593, 101-106.	1.0	10
41	Coupling of postural activity with motion of a ship at sea. Experimental Brain Research, 2015, 233, 1607-1616.	0.7	24
42	Just the sight of you: Postural effects of interpersonal visual contact at sea.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 2310-2318.	0.7	20
43	Body load and the postural precursors of motion sickness. Gait and Posture, 2014, 39, 606-610.	0.6	29
44	When the WBB is useful, and when it isnâ€™t. Gait and Posture, 2014, 39, 1154.	0.6	2
45	Motion control, motion sickness, and the postural dynamics of mobile devices. Experimental Brain Research, 2014, 232, 1389-1397.	0.7	57
46	Precursors of post-bout motion sickness in adolescent female boxers. Experimental Brain Research, 2014, 232, 2571-2579.	0.7	5
47	Standing body sway in women with and without morning sickness in pregnancy. Gait and Posture, 2013, 37, 103-107.	0.6	32
48	Getting Your Sea Legs. PLoS ONE, 2013, 8, e66949.	1.1	81
49	Control of a Virtual Avatar Influences Postural Activity and Motion Sickness. Ecological Psychology, 2012, 24, 279-299.	0.7	34
50	Nintendo Wii Balance Board is sensitive to effects of visual tasks on standing sway in healthy elderly adults. Gait and Posture, 2012, 36, 605-608.	0.6	62
51	Pre-Bout Standing Body Sway Differs between Adult Boxers Who Do and Do Not Report Post-Bout Motion Sickness. PLoS ONE, 2012, 7, e46136.	1.1	7
52	Postural activity and motion sickness during video game play in children and adults. Experimental Brain Research, 2012, 217, 299-309.	0.7	73
53	Standing Posture on Land and at Sea. Ecological Psychology, 2011, 23, 19-36.	0.7	21
54	Postural responses to a moving room in children with and without developmental coordination disorder. Research in Developmental Disabilities, 2011, 32, 2571-2576.	1.2	9

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55	Control of a virtual vehicle influences postural activity and motion sickness.. Journal of Experimental Psychology: Applied, 2011, 17, 128-138.	0.9	84
56	Multimodal Perception of Reachability Expressed Through Locomotion. Ecological Psychology, 2010, 22, 192-211.	0.7	11
57	Stance Width Influences Postural Stability and Motion Sickness. Ecological Psychology, 2010, 22, 169-191.	0.7	77
58	Movement in the Perception of an Affordance for Wheelchair Locomotion. Ecological Psychology, 2009, 21, 1-36.	0.7	51
59	Body Sway at Sea for Two Visual Tasks and Three Stance Widths. Aviation, Space, and Environmental Medicine, 2009, 80, 1039-1043.	0.6	25
60	Stance Width and Angle at Sea: Effects of Sea State and Body Orientation. Aviation, Space, and Environmental Medicine, 2009, 80, 845-849.	0.6	14
61	Interpersonal Postural Coordination on Rigid and Non-Rigid Surfaces. Motor Control, 2009, 13, 471-483.	0.3	20
62	Coupling of head and body movement with motion of the audible environment.. Journal of Experimental Psychology: Human Perception and Performance, 2009, 35, 1221-1231.	0.7	23
63	Self-Induced Motion Sickness and Body Movement During Passive Restraint. Ecological Psychology, 2008, 20, 121-145.	0.7	18
64	Motion Sickness and Postural Sway in Console Video Games. Human Factors, 2008, 50, 322-331.	2.1	111
65	Postural Instability and Motion Sickness in a Virtual Moving Room. Human Factors, 2008, 50, 332-345.	2.1	100
66	Motion Sickness, Console Video Games, and Head-Mounted Displays. Human Factors, 2007, 49, 920-934.	2.1	188
67	Postural Stabilization of Perceptual But Not Cognitive Performance. Journal of Motor Behavior, 2007, 39, 126-138.	0.5	97
68	It's Turtles all the Way Down: A Comparative Analysis of Visually Induced Motion Sickness. Proceedings of the Human Factors and Ergonomics Society, 2007, 51, 1631-1634.	0.2	7
69	Motion sickness, body movement, and claustrophobia during passive restraint. Experimental Brain Research, 2007, 177, 520-532.	0.7	40
70	Voluntary and Involuntary Postural Responses to Imposed Optic Flow. Motor Control, 2006, 10, 24-33.	0.3	36
71	Affordances in the design of enactive systems. Virtual Reality, 2006, 10, 4-10.	4.1	26
72	Motion sickness preceded by unstable displacements of the center of pressure. Human Movement Science, 2006, 25, 800-820.	0.6	77

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73	There may not be an A-not-B error. Behavioral and Brain Sciences, 2004, 27, 708-709.	0.4	0
74	Theory testing and the global array. Behavioral and Brain Sciences, 2004, 27, 892-900.	0.4	3
75	On specification and the senses. Behavioral and Brain Sciences, 2001, 24, 195-213.	0.4	235
76	Postural Control Supports Visual Perceptual but not Cognitive Performance. Proceedings of the Human Factors and Ergonomics Society, 2001, 45, 1420-1423.	0.2	1
77	Modulation of Postural Sway during Manual Aiming. Proceedings of the Human Factors and Ergonomics Society, 2001, 45, 1931-1934.	0.2	0
78	Postural Instability and Motion Sickness in a Fixed-Base Flight Simulator. Human Factors, 2000, 42, 458-469.	2.1	143
79	Postural instability precedes motion sickness. Brain Research Bulletin, 1998, 47, 437-448.	1.4	306
80	An ecological Theory of Motion Sickness and Postural Instability. Ecological Psychology, 1991, 3, 195-240.	0.7	559
81	An Ecological Critique of the Sensory Conflict Theory of Motion Sickness. Ecological Psychology, 1991, 3, 159-194.	0.7	144