

Thomas A Stoffregen

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

3,847
citations

186265
28
h-index

133252
59
g-index

81
all docs

81
docs citations

81
times ranked

1818
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Perception of Affordances in Soccer: Kicking for Power Versus Kicking for Precision. <i>Research Quarterly for Exercise and Sport</i> , 2022, 93, 144-152. | 1.4 | 6 |
| 2 | Effects of physical driving experience on body movement and motion sickness among passengers in a virtual vehicle. <i>Experimental Brain Research</i> , 2021, 239, 491-500. | 1.5 | 7 |
| 3 | Structure of variability in scanning movement predicts braille reading performance in children. <i>Scientific Reports</i> , 2021, 11, 7182. | 3.3 | 5 |
| 4 | Control of a virtual vehicle influences postural activity and motion sickness in pre-adolescent children. <i>Human Movement Science</i> , 2021, 78, 102832. | 1.4 | 7 |
| 5 | The Role of Visual Feedback about Motion of the Ground on Postural Sway. <i>Journal of Motor Behavior</i> , 2020, 52, 352-359. | 0.9 | 2 |
| 6 | Effects of Linear Acceleration on Passenger Comfort During Physical Driving on an Urban Road. <i>International Journal of Civil Engineering</i> , 2020, 18, 1-8. | 2.0 | 7 |
| 7 | Identifying Causes of and Solutions for Cybersickness in Immersive Technology: Reformulation of a Research and Development Agenda. <i>International Journal of Human-Computer Interaction</i> , 2020, 36, 1783-1803. | 4.8 | 86 |
| 8 | Postural precursors of motion sickness in head-mounted displays: drivers and passengers, women and men. <i>Ergonomics</i> , 2020, 63, 1502-1511. | 2.1 | 10 |
| 9 | Perception of Affordances for Vertical and Horizontal Jumping in Children: Gymnasts Versus Non-Athletes. <i>Research Quarterly for Exercise and Sport</i> , 2020, 92, 1-9. | 1.4 | 3 |
| 10 | It doesn't add up: Nested affordances for reaching are perceived as a complex particular. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 3832-3841. | 1.3 | 12 |
| 11 | Postural Activity During Use of a Head-Mounted Display: Sex Differences in the "Driver" "Passenger" Effect. <i>Frontiers in Virtual Reality</i> , 2020, 1, . | 3.7 | 4 |
| 12 | Social interaction in the emergence of toddler's mealtime spoon use. <i>Developmental Psychobiology</i> , 2020, 62, 1124-1133. | 1.6 | 10 |
| 13 | Cybersickness in Virtual Reality Head-Mounted Displays: Examining the Influence of Sex Differences and Vehicle Control. <i>International Journal of Human-Computer Interaction</i> , 2020, 36, 1161-1167. | 4.8 | 42 |
| 14 | Higher order affordances for reaching: Perception and performance. <i>Quarterly Journal of Experimental Psychology</i> , 2019, 72, 1200-1211. | 1.1 | 14 |
| 15 | Unstable coupling of body sway with imposed motion precedes visually induced motion sickness. <i>Human Movement Science</i> , 2019, 64, 389-397. | 1.4 | 18 |
| 16 | Adaptive perception of changes in affordances for walking on a ship at sea. <i>Human Movement Science</i> , 2019, 64, 28-37. | 1.4 | 11 |
| 17 | Sensitivity to changes in dynamic affordances for walking on land and at sea. <i>PLoS ONE</i> , 2019, 14, e0221974. | 2.5 | 5 |
| 18 | Perceiving Nested Affordances for Another Person's Actions. <i>Quarterly Journal of Experimental Psychology</i> , 2018, 71, 17470218.2016.1. | 1.1 | 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. <i>Human Movement Science</i> , 2018, 59, 56-65. | 1.4 | 9 |
| 20 | Postural time-to-contact as a precursor of visually induced motion sickness. <i>Experimental Brain Research</i> , 2018, 236, 1631-1641. | 1.5 | 19 |
| 21 | Real-time visual feedback about postural activity increases postural instability and visually induced motion sickness. <i>Gait and Posture</i> , 2018, 65, 251-255. | 1.4 | 9 |
| 22 | The virtual reality head-mounted display Oculus Rift induces motion sickness and is sexist in its effects. <i>Experimental Brain Research</i> , 2017, 235, 889-901. | 1.5 | 353 |
| 23 | The Senses Considered as One Perceptual System. <i>Ecological Psychology</i> , 2017, 29, 165-197. | 1.1 | 50 |
| 24 | Dynamic perception of dynamic affordances: walking on a ship at sea. <i>Experimental Brain Research</i> , 2017, 235, 517-524. | 1.5 | 14 |
| 25 | Effects of Physical Driving Experience on Body Movement and Motion Sickness During Virtual Driving. <i>Aerospace Medicine and Human Performance</i> , 2017, 88, 985-992. | 0.4 | 17 |
| 26 | Passive restraint reduces visually induced motion sickness in older adults.. <i>Journal of Experimental Psychology: Applied</i> , 2017, 23, 85-99. | 1.2 | 28 |
| 27 | Effects of decades of physical driving on body movement and motion sickness during virtual driving. <i>PLoS ONE</i> , 2017, 12, e0187120. | 2.5 | 34 |
| 28 | The Rim and the Ancient Mariner: The Nautical Horizon Affects Postural Sway in Older Adults. <i>PLoS ONE</i> , 2016, 11, e0166900. | 2.5 | 7 |
| 29 | Letter to the Editor: On "Advantages and disadvantages of stiffness instructions when studying postural control" by C.T. Bonnet: Quiet stance and the real world. <i>Gait and Posture</i> , 2016, 46, 210-212. | 1.4 | 0 |
| 30 | The distance of visual targets affects the spatial magnitude and multifractal scaling of standing body sway in younger and older adults. <i>Experimental Brain Research</i> , 2016, 234, 2721-2730. | 1.5 | 33 |
| 31 | Postural sway in men and women during nauseogenic motion of the illuminated environment. <i>Experimental Brain Research</i> , 2016, 234, 2709-2720. | 1.5 | 46 |
| 32 | Sex differences in visual performance and postural sway precede sex differences in visually induced motion sickness. <i>Experimental Brain Research</i> , 2016, 234, 313-322. | 1.5 | 54 |
| 33 | Perception of Object Length Via Manual Wielding in Children With and Without Developmental Coordination Disorder. <i>Journal of Motor Behavior</i> , 2016, 48, 13-19. | 0.9 | 5 |
| 34 | Hierarchical nesting of affordances in a tool use task.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2016, 42, 1627-1642. | 0.9 | 28 |
| 35 | Exploratory movement and affordances in design. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM</i> , 2015, 29, 257-265. | 1.1 | 9 |
| 36 | The role of age and postural stability for visually induced motion sickness in a simulated driving task. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2015, 59, 770-770. | 0.3 | 2 |

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|----|---|-----|-----------|
| 37 | Subjective Reports and Postural Performance Among Older Adult Passengers on a Sea Voyage. <i>Ecological Psychology</i> , 2015, 27, 127-143. | 1.1 | 10 |
| 38 | Walking Before and During a Sea Voyage. <i>Ecological Psychology</i> , 2015, 27, 87-101. | 1.1 | 3 |
| 39 | Postural Precursors of Postboxing Motion Sickness in a Manual Aiming Task. <i>Ecological Psychology</i> , 2015, 27, 26-42. | 1.1 | 2 |
| 40 | Dementia alters standing postural adaptation during a visual search task in older adult men. <i>Neuroscience Letters</i> , 2015, 593, 101-106. | 2.1 | 10 |
| 41 | Coupling of postural activity with motion of a ship at sea. <i>Experimental Brain Research</i> , 2015, 233, 1607-1616. | 1.5 | 24 |
| 42 | Just the sight of you: Postural effects of interpersonal visual contact at sea.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2014, 40, 2310-2318. | 0.9 | 20 |
| 43 | Body load and the postural precursors of motion sickness. <i>Gait and Posture</i> , 2014, 39, 606-610. | 1.4 | 29 |
| 44 | When the WBB is useful, and when it isn't. <i>Gait and Posture</i> , 2014, 39, 1154. | 1.4 | 2 |
| 45 | Motion control, motion sickness, and the postural dynamics of mobile devices. <i>Experimental Brain Research</i> , 2014, 232, 1389-1397. | 1.5 | 57 |
| 46 | Precursors of post-bout motion sickness in adolescent female boxers. <i>Experimental Brain Research</i> , 2014, 232, 2571-2579. | 1.5 | 5 |
| 47 | Standing body sway in women with and without morning sickness in pregnancy. <i>Gait and Posture</i> , 2013, 37, 103-107. | 1.4 | 32 |
| 48 | Getting Your Sea Legs. <i>PLoS ONE</i> , 2013, 8, e66949. | 2.5 | 81 |
| 49 | Control of a Virtual Avatar Influences Postural Activity and Motion Sickness. <i>Ecological Psychology</i> , 2012, 24, 279-299. | 1.1 | 34 |
| 50 | Nintendo Wii Balance Board is sensitive to effects of visual tasks on standing sway in healthy elderly adults. <i>Gait and Posture</i> , 2012, 36, 605-608. | 1.4 | 62 |
| 51 | Pre-Bout Standing Body Sway Differs between Adult Boxers Who Do and Do Not Report Post-Bout Motion Sickness. <i>PLoS ONE</i> , 2012, 7, e46136. | 2.5 | 7 |
| 52 | Postural activity and motion sickness during video game play in children and adults. <i>Experimental Brain Research</i> , 2012, 217, 299-309. | 1.5 | 73 |
| 53 | Standing Posture on Land and at Sea. <i>Ecological Psychology</i> , 2011, 23, 19-36. | 1.1 | 21 |
| 54 | Postural responses to a moving room in children with and without developmental coordination disorder. <i>Research in Developmental Disabilities</i> , 2011, 32, 2571-2576. | 2.2 | 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. | 1.2 | 84 |
| 56 | Multimodal Perception of Reachability Expressed Through Locomotion. Ecological Psychology, 2010, 22, 192-211. | 1.1 | 11 |
| 57 | Stance Width Influences Postural Stability and Motion Sickness. Ecological Psychology, 2010, 22, 169-191. | 1.1 | 77 |
| 58 | Movement in the Perception of an Affordance for Wheelchair Locomotion. Ecological Psychology, 2009, 21, 1-36. | 1.1 | 51 |
| 59 | Body Sway at Sea for Two Visual Tasks and Three Stance Widths. Aviation, Space, and Environmental Medicine, 2009, 80, 1039-1043. | 0.5 | 25 |
| 60 | Stance Width and Angle at Sea: Effects of Sea State and Body Orientation. Aviation, Space, and Environmental Medicine, 2009, 80, 845-849. | 0.5 | 14 |
| 61 | Interpersonal Postural Coordination on Rigid and Non-Rigid Surfaces. Motor Control, 2009, 13, 471-483. | 0.6 | 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. | 0.9 | 23 |
| 63 | Self-Induced Motion Sickness and Body Movement During Passive Restraint. Ecological Psychology, 2008, 20, 121-145. | 1.1 | 18 |
| 64 | Motion Sickness and Postural Sway in Console Video Games. Human Factors, 2008, 50, 322-331. | 3.5 | 111 |
| 65 | Postural Instability and Motion Sickness in a Virtual Moving Room. Human Factors, 2008, 50, 332-345. | 3.5 | 100 |
| 66 | Motion Sickness, Console Video Games, and Head-Mounted Displays. Human Factors, 2007, 49, 920-934. | 3.5 | 188 |
| 67 | Postural Stabilization of Perceptual But Not Cognitive Performance. Journal of Motor Behavior, 2007, 39, 126-138. | 0.9 | 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. | 0.3 | 7 |
| 69 | Motion sickness, body movement, and claustrophobia during passive restraint. Experimental Brain Research, 2007, 177, 520-532. | 1.5 | 40 |
| 70 | Voluntary and Involuntary Postural Responses to Imposed Optic Flow. Motor Control, 2006, 10, 24-33. | 0.6 | 36 |
| 71 | Affordances in the design of enactive systems. Virtual Reality, 2006, 10, 4-10. | 6.1 | 26 |
| 72 | Motion sickness preceded by unstable displacements of the center of pressure. Human Movement Science, 2006, 25, 800-820. | 1.4 | 77 |

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|----|--|-----|-----------|
| 73 | There may not be an A-not-B error. Behavioral and Brain Sciences, 2004, 27, 708-709. | 0.7 | 0 |
| 74 | Theory testing and the global array. Behavioral and Brain Sciences, 2004, 27, 892-900. | 0.7 | 3 |
| 75 | On specification and the senses. Behavioral and Brain Sciences, 2001, 24, 195-213. | 0.7 | 235 |
| 76 | Postural Control Supports Visual Perceptual but not Cognitive Performance. Proceedings of the Human Factors and Ergonomics Society, 2001, 45, 1420-1423. | 0.3 | 1 |
| 77 | Modulation of Postural Sway during Manual Aiming. Proceedings of the Human Factors and Ergonomics Society, 2001, 45, 1931-1934. | 0.3 | 0 |
| 78 | Postural Instability and Motion Sickness in a Fixed-Base Flight Simulator. Human Factors, 2000, 42, 458-469. | 3.5 | 143 |
| 79 | Postural instability precedes motion sickness. Brain Research Bulletin, 1998, 47, 437-448. | 3.0 | 306 |
| 80 | An ecological Theory of Motion Sickness and Postural Instability. Ecological Psychology, 1991, 3, 195-240. | 1.1 | 559 |
| 81 | An Ecological Critique of the Sensory Conflict Theory of Motion Sickness. Ecological Psychology, 1991, 3, 159-194. | 1.1 | 144 |