

Timothy N Welsh

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

1,905
citations

257450

24
h-index

330143

37
g-index

106
all docs

106
docs citations

106
times ranked

1177
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | No one knows what attention is. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 2288-2303. | 1.3 | 149 |
| 2 | Movement Trajectories in the Presence of a Distracting Stimulus: Evidence for a Response Activation Model of Selective Reaching. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2004, 57, 1031-1057. | 2.3 | 120 |
| 3 | Does Joe influence Fred's action?. <i>Neuroscience Letters</i> , 2005, 385, 99-104. | 2.1 | 85 |
| 4 | Catching Eyes. <i>Psychological Science</i> , 2014, 25, 720-727. | 3.3 | 67 |
| 5 | Seeing vs. believing: Is believing sufficient to activate the processes of response co-representation?. <i>Human Movement Science</i> , 2007, 26, 853-866. | 1.4 | 64 |
| 6 | Are there age-related differences in learning to optimize speed, accuracy, and energy expenditure?. <i>Human Movement Science</i> , 2007, 26, 892-912. | 1.4 | 57 |
| 7 | Within- and between-nervous-system inhibition of return: Observation is as good as performance. <i>Psychonomic Bulletin and Review</i> , 2007, 14, 950-956. | 2.8 | 49 |
| 8 | Response Selection During a Joint Action Task. <i>Journal of Motor Behavior</i> , 2011, 43, 329-332. | 0.9 | 49 |
| 9 | The effects of response priming on the planning and execution of goal-directed movements in the presence of a distracting stimulus. <i>Acta Psychologica</i> , 2005, 119, 123-142. | 1.5 | 43 |
| 10 | I before U: Temporal order judgements reveal bias for self-owned objects. <i>Quarterly Journal of Experimental Psychology</i> , 2019, 72, 589-598. | 1.1 | 41 |
| 11 | The effect of the Müller-Lyer illusion on the planning and control of manual aiming movements.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2006, 32, 413-422. | 0.9 | 40 |
| 12 | Gender differences in a dichotic listening and movement task: lateralization or strategy?. <i>Neuropsychologia</i> , 2001, 39, 25-35. | 1.6 | 36 |
| 13 | Activity of human motor system during action observation is modulated by object presence. <i>Experimental Brain Research</i> , 2011, 209, 85-93. | 1.5 | 34 |
| 14 | Saccadic Trajectories Receive Online Correction: Evidence for a Feedback-Based System of Oculomotor Control. <i>Journal of Motor Behavior</i> , 2009, 41, 117-127. | 0.9 | 32 |
| 15 | The relationship between attentional capture and deviations in movement trajectories in a selective reaching task. <i>Acta Psychologica</i> , 2011, 137, 300-308. | 1.5 | 32 |
| 16 | The Visual Regulation of Goal-Directed Reaching Movements in Adults with Williams Syndrome, Down Syndrome, and Other Developmental Delays. <i>Motor Control</i> , 2006, 10, 34-54. | 0.6 | 31 |
| 17 | When 1+1=1: The unification of independent actors revealed through joint Simon effects in crossed and uncrossed effector conditions. <i>Human Movement Science</i> , 2009, 28, 726-737. | 1.4 | 31 |
| 18 | Does Joe influence Fred's action? Not if Fred has autism spectrum disorder. <i>Brain Research</i> , 2009, 1248, 141-148. | 2.2 | 30 |

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|----|---|-----|-----------|
| 19 | The processes of facilitation and inhibition in a cueâ€target paradigm: Insight from movement trajectory deviations. <i>Acta Psychologica</i> , 2012, 139, 159-165. | 1.5 | 30 |
| 20 | Inhibition of return in cueâ€target and targetâ€target tasks. <i>Experimental Brain Research</i> , 2006, 174, 167-175. | 1.5 | 28 |
| 21 | Joint Simon Effects in Extrapersonal Space. <i>Journal of Motor Behavior</i> , 2013, 45, 1-5. | 0.9 | 28 |
| 22 | On the relationship between the execution, perception, and imagination of action. <i>Behavioural Brain Research</i> , 2013, 257, 242-252. | 2.2 | 27 |
| 23 | The Processing Speed of Visual and Verbal Movement Information by Adults with and Without Down Syndrome. <i>Adapted Physical Activity Quarterly</i> , 2001, 18, 156-167. | 0.8 | 26 |
| 24 | Effects of Response Priming and Inhibition on Movement Planning and Execution. <i>Journal of Motor Behavior</i> , 2004, 36, 200-211. | 0.9 | 25 |
| 25 | The performance and observation of action shape future behaviour. <i>Brain and Cognition</i> , 2009, 71, 64-71. | 1.8 | 25 |
| 26 | Vector inversion diminishes the online control of antisaccades. <i>Experimental Brain Research</i> , 2011, 209, 117-127. | 1.5 | 23 |
| 27 | Inverting the joint Simon effect by intention. <i>Psychonomic Bulletin and Review</i> , 2012, 19, 914-920. | 2.8 | 23 |
| 28 | Between-trial inhibition and facilitation in goal-directed aiming: manual and spatial asymmetries. <i>Experimental Brain Research</i> , 2005, 160, 79-88. | 1.5 | 22 |
| 29 | Actions modulate attentional capture. <i>Quarterly Journal of Experimental Psychology</i> , 2008, 61, 968-976. | 1.1 | 22 |
| 30 | Reach across the boundary. , 2013, , . | | 22 |
| 31 | Starting with the â€rightâ€foot minimizes sprint start time. <i>Acta Psychologica</i> , 2008, 127, 495-500. | 1.5 | 21 |
| 32 | The relationship between the motor system activation during action observation and adaptation in the motor system following repeated action observation. <i>Human Movement Science</i> , 2013, 32, 400-411. | 1.4 | 21 |
| 33 | Optimal weighting of costs and probabilities in a risky motor decision-making task requires experience.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013, 39, 638-645. | 0.9 | 19 |
| 34 | Eyes only? Perceiving eye contact is neither sufficient nor necessary for attentional capture by face direction. <i>Acta Psychologica</i> , 2015, 160, 134-140. | 1.5 | 19 |
| 35 | An optimal velocity for online limb-target regulation processes?. <i>Experimental Brain Research</i> , 2017, 235, 29-40. | 1.5 | 19 |
| 36 | Mental attribution is not sufficient or necessary to trigger attentional orienting to gaze. <i>Cognition</i> , 2019, 189, 35-40. | 2.2 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | The personification of animals: Coding of human and nonhuman body parts based on posture and function. <i>Cognition</i> , 2014, 132, 398-415. | 2.2 | 16 |
| 38 | The limb-specific embodiment of a tool following experience. <i>Experimental Brain Research</i> , 2015, 233, 2685-2694. | 1.5 | 16 |
| 39 | Motor system activation during motor imagery is positively related to the magnitude of cortical plastic changes following motor imagery training. <i>Behavioural Brain Research</i> , 2020, 390, 112685. | 2.2 | 16 |
| 40 | Speech Production Errors in Adults With and Without Down Syndrome Following Verbal, Written, and Pictorial Cues. <i>Developmental Neuropsychology</i> , 2002, 21, 157-172. | 1.4 | 15 |
| 41 | Cerebral specialization and verbal-motor integration in adults with and without Down syndrome. <i>Brain and Language</i> , 2003, 84, 152-169. | 1.6 | 15 |
| 42 | Rapid motor cortical plasticity can be induced by motor imagery training. <i>Neuropsychologia</i> , 2019, 134, 107206. | 1.6 | 15 |
| 43 | Effect of task-specific execution on accuracy of imagined aiming movements. <i>Neuroscience Letters</i> , 2015, 585, 72-76. | 2.1 | 14 |
| 44 | Ownership Status Influences the Degree of Joint Facilitatory Behavior. <i>Psychological Science</i> , 2016, 27, 1371-1378. | 3.3 | 14 |
| 45 | Factors that affect action possibility judgements: Recent experience with the action and the current body state. <i>Quarterly Journal of Experimental Psychology</i> , 2012, 65, 976-993. | 1.1 | 13 |
| 46 | How one breaks Fitts's Law and gets away with it: Moving further and faster involves more efficient online control. <i>Human Movement Science</i> , 2015, 39, 163-176. | 1.4 | 13 |
| 47 | Refining the time course of facilitation and inhibition in attention and action. <i>Neuroscience Letters</i> , 2013, 554, 6-10. | 2.1 | 12 |
| 48 | The modulation of motor contagion by intrapersonal sensorimotor experience. <i>Neuroscience Letters</i> , 2016, 624, 42-46. | 2.1 | 12 |
| 49 | The association between gender role stereotypes, resistance training motivation, and participation. <i>Psychology of Sport and Exercise</i> , 2017, 33, 123-130. | 2.1 | 12 |
| 50 | Relative Processing Demands Influence Cerebral Laterality for Verbal-Motor Integration in Persons with Down Syndrome. <i>Cortex</i> , 2005, 41, 61-66. | 2.4 | 10 |
| 51 | Fitts's Law in a Selective Reaching Task: The Proximity-to-Hand Effect of Action-Centered Attention Revisited. <i>Motor Control</i> , 2009, 13, 100-112. | 0.6 | 10 |
| 52 | People are better at maximizing expected gain in a manual aiming task with rapidly changing probabilities than with rapidly changing payoffs. <i>Journal of Neurophysiology</i> , 2014, 111, 1016-1026. | 1.8 | 10 |
| 53 | Responses of the human motor system to observing actions across species: A transcranial magnetic stimulation study. <i>Brain and Cognition</i> , 2014, 92, 11-18. | 1.8 | 10 |
| 54 | Hand position influences perceptual grouping. <i>Experimental Brain Research</i> , 2015, 233, 2627-2634. | 1.5 | 10 |

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|----|---|-----|-----------|
| 55 | Index of difficulty and side of space are accommodated during the selection and planning of a joint action. <i>Human Movement Science</i> , 2017, 54, 197-209. | 1.4 | 10 |
| 56 | Barbie™s new look: Exploring cognitive body representation among female children and adolescents. <i>PLoS ONE</i> , 2019, 14, e0218315. | 2.5 | 10 |
| 57 | Factors that affect action possibility judgments: The assumed abilities of other people. <i>Acta Psychologica</i> , 2013, 143, 235-244. | 1.5 | 9 |
| 58 | Knowledge of response location alone is not sufficient to generate social inhibition of return. <i>Acta Psychologica</i> , 2014, 153, 153-159. | 1.5 | 9 |
| 59 | Do you see what I see? Co-actor posture modulates visual processing in joint tasks. <i>Visual Cognition</i> , 2015, 23, 699-719. | 1.6 | 9 |
| 60 | Eye movements may cause motor contagion effects. <i>Psychonomic Bulletin and Review</i> , 2017, 24, 835-841. | 2.8 | 9 |
| 61 | It is not in the details: Self-related shapes are rapidly classified but their features are not better remembered. <i>Memory and Cognition</i> , 2019, 47, 1145-1157. | 1.6 | 9 |
| 62 | Dichotic ear advantages in adults with Down's syndrome predict speech production errors.. <i>Neuropsychology</i> , 2003, 17, 32-38. | 1.3 | 8 |
| 63 | Experience and Net Worth Affects Optimality in a Motor Decision Task. <i>Motor Control</i> , 2015, 19, 75-89. | 0.6 | 8 |
| 64 | A role of goals for social inhibition of return?. <i>Quarterly Journal of Experimental Psychology</i> , 2016, 69, 2402-2418. | 1.1 | 8 |
| 65 | Examining the equivalence between imagery and execution – Do imagined and executed movements code relative environmental features?. <i>Behavioural Brain Research</i> , 2019, 370, 111951. | 2.2 | 8 |
| 66 | Increased preparation time reduces, but does not abolish, action history bias of saccadic eye movements. <i>Journal of Neurophysiology</i> , 2019, 121, 1478-1490. | 1.8 | 8 |
| 67 | A comparative analysis of lumbar spine mechanics during barbell- and crate-lifting: implications for occupational lifting task assessments. <i>International Journal of Occupational Safety and Ergonomics</i> , 2020, 26, 1-8. | 1.9 | 8 |
| 68 | The action-specific effect of execution on imagination of reciprocal aiming movements. <i>Human Movement Science</i> , 2017, 54, 51-62. | 1.4 | 7 |
| 69 | Body-part compatibility effects are modulated by the tendency for women to experience negative social comparative emotions and the body-type of the model. <i>PLoS ONE</i> , 2017, 12, e0179552. | 2.5 | 7 |
| 70 | “Two Minds Don’t Blink Alike”: The Attentional Blink Does Not Occur in a Joint Context. <i>Frontiers in Psychology</i> , 2018, 9, 1714. | 2.1 | 7 |
| 71 | Are goal states represented during kinematic imitation?. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018, 44, 226-242. | 0.9 | 7 |
| 72 | Action Possibility Judgments of People with Varying Motor Abilities Due to Spinal Cord Injury. <i>PLoS ONE</i> , 2014, 9, e110250. | 2.5 | 7 |

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|----|--|-----|-----------|
| 73 | The violation of Fitts's Law: an examination of displacement biases and corrective submovements. <i>Experimental Brain Research</i> , 2016, 234, 2151-2163. | 1.5 | 6 |
| 74 | The processing of visual and auditory information for reaching movements. <i>Psychological Research</i> , 2016, 80, 757-773. | 1.7 | 6 |
| 75 | A comparison of augmented feedback and didactic training approaches to reduce spine motion during occupational lifting tasks. <i>Applied Ergonomics</i> , 2022, 99, 103612. | 3.1 | 6 |
| 76 | Behavioural indexes of movement imagery ability are associated with the magnitude of corticospinal adaptation following movement imagery training. <i>Brain Research</i> , 2022, 1777, 147764. | 2.2 | 6 |
| 77 | The effect of postural stability and spatial orientation of the upper limbs on interlimb coordination. <i>Experimental Brain Research</i> , 2005, 161, 265-275. | 1.5 | 5 |
| 78 | On Mechanisms, Methods, and Measures: A Response to Guagnano, Rusconi, and Umiltà. <i>Journal of Motor Behavior</i> , 2013, 45, 9-14. | 0.9 | 5 |
| 79 | Abnormal surround inhibition does not affect asymptomatic limbs in people with cervical dystonia. <i>Neuroscience Letters</i> , 2015, 604, 7-11. | 2.1 | 5 |
| 80 | Embodying animals: Body-part compatibility in mammalian, reptile and aves classes. <i>Acta Psychologica</i> , 2015, 160, 117-126. | 1.5 | 5 |
| 81 | Corrections in saccade endpoints scale to the amplitude of target displacements in a double-step paradigm. <i>Neuroscience Letters</i> , 2016, 611, 46-50. | 2.1 | 5 |
| 82 | Response-specific effects in a joint action task: social inhibition of return effects do not emerge when observed and executed actions are different. <i>Psychological Research</i> , 2017, 81, 1059-1071. | 1.7 | 5 |
| 83 | Body schema activation for self-other matching in youth. <i>Cognitive Development</i> , 2018, 48, 155-166. | 1.3 | 5 |
| 84 | Probing the time course of facilitation and inhibition in gaze cueing of attention in an upper-limb reaching task. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 2410-2423. | 1.3 | 5 |
| 85 | The role of transients in action observation. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 2177-2191. | 1.3 | 5 |
| 86 | Multimodal Inhibition of Return Effects in Adults With and Without Down Syndrome. <i>Developmental Neuropsychology</i> , 2004, 25, 281-297. | 1.4 | 4 |
| 87 | Trajectory deviations in spatial compatibility tasks with peripheral and central stimuli. <i>Psychological Research</i> , 2015, 79, 650-657. | 1.7 | 4 |
| 88 | The preference of probability over negative values in action selection. <i>Quarterly Journal of Experimental Psychology</i> , 2015, 68, 261-283. | 1.1 | 4 |
| 89 | Hand, but not foot, cues generate increases in salience at the pointed-at location. <i>Acta Psychologica</i> , 2020, 210, 103165. | 1.5 | 4 |
| 90 | Susceptibility to the fusion illusion is modulated during both action execution and action observation. <i>Acta Psychologica</i> , 2020, 204, 103028. | 1.5 | 4 |

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|-----|---|-----|-----------|
| 91 | Does high state anxiety exacerbate distractor interference?. <i>Human Movement Science</i> , 2021, 76, 102773. | 1.4 | 4 |
| 92 | Negative Priming in a Joint Selection Task. <i>PLoS ONE</i> , 2012, 7, e42963. | 2.5 | 4 |
| 93 | The influence of environmental context in interpersonal observationâ€œexecution. <i>Quarterly Journal of Experimental Psychology</i> , 2017, 70, 154-162. | 1.1 | 3 |
| 94 | The influence of intrapersonal sensorimotor experiences on the corticospinal responses during actionâ€œobservation. <i>Social Neuroscience</i> , 2018, 13, 246-256. | 1.3 | 3 |
| 95 | Multiple Frames of Reference Are Used During the Selection and Planning of a Sequential Joint Action. <i>Frontiers in Psychology</i> , 2018, 9, 542. | 2.1 | 3 |
| 96 | The impact of athletic clothing style and body awareness on motor performance in women. <i>Psychonomic Bulletin and Review</i> , 2020, 27, 1025-1035. | 2.8 | 2 |
| 97 | Using visual aids to influence manual lifting techniques: acute effects of viewing static images on spine motion. <i>International Journal of Occupational Safety and Ergonomics</i> , 2021, 27, 605-612. | 1.9 | 2 |
| 98 | IOR Effects in a Social Free-Choice Task. <i>Journal of Motor Behavior</i> , 2013, 45, 307-311. | 0.9 | 1 |
| 99 | Distractor Interference during a Choice Limb Reaching Task. <i>PLoS ONE</i> , 2014, 9, e85961. | 2.5 | 1 |
| 100 | Editorial: What's Shared in Sharing Tasks and Actions? Processes and Representations Underlying Joint Performance. <i>Frontiers in Psychology</i> , 2019, 10, 659. | 2.1 | 1 |
| 101 | Choices in a key press decision-making task are more optimal after gaining both aiming and reward experience. <i>Quarterly Journal of Experimental Psychology</i> , 2020, 73, 2197-2216. | 1.1 | 1 |
| 102 | Body Image and Voluntary Gaze Behaviors towards Physique-Salient Images. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2549. | 2.6 | 1 |
| 103 | Detecting Endpoint Error of an Ongoing Reaching Movement: the Role of Vision, Proprioception, and Efference. <i>Journal of Motor Behavior</i> , 2021, , 1-9. | 0.9 | 1 |
| 104 | A fast ventral stream or early dorsal-ventral interactions?. <i>Behavioral and Brain Sciences</i> , 2002, 25, 105-105. | 0.7 | 0 |
| 105 | Response to Visual Stimuli by Adults with Developmental Disabilities. <i>Perceptual and Motor Skills</i> , 2003, 96, 867-874. | 1.3 | 0 |
| 106 | Independent Development of Imagination and Perception of Fitts' Law in Late Childhood and Adolescence. <i>Journal of Motor Behavior</i> , 2018, 50, 166-176. | 0.9 | 0 |