Alan Wing

List of Publications by Year
in descending order

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87	6,876	66234	60497
papers	citations	42 h-index	81 g-index

90	90	90	4010
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PrendoSim: Proxy-Hand-Based Robot Grasp Generator. , 2021, , .		2
2	Humans adjust their grip force when passing an object according to the observed speed of the partnerâ€™s reaching out movement. Experimental Brain Research, 2018, 236, 3363-3377.	0.7	23
3	Functional strength training versus movement performance therapy for upper limb motor recovery early after stroke: a RCT. Efficacy and Mechanism Evaluation, 2018, 5, 1-112.	0.9	12
4	Coaching through smart objects. , 2017, , .		1
5	Creating Affording Situations: Coaching through Animate Objects. Sensors, 2017, 17, 2308.	2.1	7
6	A Pilot Study Using Tactile Cueing for Gait Rehabilitation Following Stroke. Communications in Computer and Information Science, 2015, , 222-233.	0.4	4
7	Feasibility and Preliminary Efficacy of Visual Cue Training to Improve Adaptability of Walking after Stroke: Multi-Centre, Single-Blind Randomised Control Pilot Trial. PLoS ONE, 2015, 10, e0139261.	1.1	36
8	Preliminary Evaluation of a Personal Healthcare System Prototype for Cognitive eRehabilitation in a Living Assistance Domain. Sensors, 2014, 14, 10213-10233.	2.1	15
9	Synchronization and leadership in string quartet performance: a case study of auditory and visual cues. Frontiers in Psychology, 2014, 5, 645.	1.1	43
10	Contribution of the motor system to the perception of reachable space: an fMRI study. European Journal of Neuroscience, 2014, 40, 3807-3817.	1.2	39
11	Optimal feedback correction in string quartet synchronization. Journal of the Royal Society Interface, 2014, 11, 20131125.	1.5	98
12	FAST INdiCATE Trial Protocol. Clinical Efficacy of Functional Strength Training for Upper Limb Motor Recovery Early after Stroke: Neural Correlates and Prognostic Indicators. International Journal of Stroke, 2014, 9, 240-245.	2.9	5
13	Attentional focus of feedback for improving performance of reach-to-grasp after stroke: a randomised crossover study. Physiotherapy, 2014, 100, 108-115.	0.2	37
14	Vision-Based Tracking of Human Body Motion. Conference Proceedings of the Society for Experimental Mechanics, 2014, , 171-174.	0.3	2
15	A Gait Rehabilitation pilot study using tactile cueing following Hemiparetic Stroke. , 2014, , .		14
16	Neuroscience Findings on Coordination of Reaching to Grasp an Object. Neurorehabilitation and Neural Repair, 2013, 27, 622-635.	1.4	29
17	Effect of Sensory Stimuli on Dynamic Loading Induced by People Bouncing. Conference Proceedings of the Society for Experimental Mechanics, 2013, , 365-369.	0.3	1
18	Handmade Task Tracking Applied to Cognitive Rehabilitation. Sensors, 2012, 12, 14214-14231.	2.1	21

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19	Contrasting effects of finger and shoulder interpersonal light touch on standing balance. Journal of Neurophysiology, 2012, 107, 216-225.	0.9	27
20	Somatosensory driven interpersonal synchrony during rhythmic sway. Human Movement Science, 2012, 31, 553-566.	0.6	40
21	Timing and aging: Slowing of fastest regular tapping rate with preserved timing error detection and correction.. Psychology and Aging, 2011, 26, 150-161.	1.4	38
22	Combining multisensory temporal information for movement synchronisation. Experimental Brain Research, 2010, 200, 277-282.	0.7	36
23	Stroke-related differences in axial body segment coordination during preplanned and reactive changes in walking direction. Experimental Brain Research, 2010, 202, 591-604.	0.7	27
24	Multisensory cues improve sensorimotor synchronisation. European Journal of Neuroscience, 2010, 31, 1828-1835.	1.2	76
25	Hemiparetic Stepping to the Beat: Asymmetric Response to Metronome Phase Shift During Treadmill Gait. Neurorehabilitation and Neural Repair, 2010, 24, 428-434.	1.4	62
26	Seated Bilateral Leg Exercise Effects on Hemiparetic Lower Extremity Function in Chronic Stroke. Neurorehabilitation and Neural Repair, 2010, 24, 243-253.	1.4	22
27	The Contribution of Proprioceptive and Cutaneous Cues in Weight Perception: Early Evidence for Maximum-Likelihood Integration. Lecture Notes in Computer Science, 2010, , 11-16.	1.0	15
28	The Effect of Bimanual Lifting on Grip Force and Weight Perception. Lecture Notes in Computer Science, 2010, , 131-135.	1.0	1
29	Interpersonal Light Touch Assists Balance in the Elderly. Journal of Motor Behavior, 2009, 41, 397-399.	0.5	33
30	Being discrete helps keep to the beat. Experimental Brain Research, 2009, 192, 731-737.	0.7	67
31	Evaluation of weight perception during unimanual and bimanual manipulation of virtual objects. , 2009, , .		17
32	Unimanual and Bimanual Weight Discrimination in a Desktop Setup. Lecture Notes in Computer Science, 2008, , 378-382.	1.0	10
33	2-DOF fMRI-Compatible Haptic Interface for Bimanual Motor Tasks with Grip/Load Force Measurement. Springer Tracts in Advanced Robotics, 2008, , 109-129.	0.3	6
34	Effects of Maintaining Touch Contact on Predictive and Reactive Balance. Journal of Neurophysiology, 2007, 97, 2686-2695.	0.9	39
35	Timing and trajectory in rhythm production.. Journal of Experimental Psychology: Human Perception and Performance, 2007, 33, 442-455.	0.7	34
36	Motor fluency deficits in the sequencing of actions in schizophrenia.. Journal of Abnormal Psychology, 2007, 116, 56-64.	2.0	41

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37	Action-perception dissociation; preserved reactive grip force despite tactile extinction due to cortical stroke. Neuropsychologia, 2007, 45, 2402-2406.	0.7	1
38	The synchronisation of lower limb responses with a variable metronome: The effect of biomechanical constraints on timing. Gait and Posture, 2006, 23, 307-314.	0.6	35
39	Bodies Meet Minds: Choreography and Cognition. Leonardo, 2006, 39, 475-478.	0.2	14
40	Force related activations in rhythmic sequence production. NeuroImage, 2005, 27, 909-918.	2.1	45
41	Action modulates object-based selection. Vision Research, 2005, 45, 2268-2286.	0.7	33
42	Brain activity correlates differentially with increasing temporal complexity of rhythms during initialisation, synchronisation, and continuation phases of paced finger tapping. Neuropsychologia, 2004, 42, 1301-1312.	0.7	199
43	Multiple time scales in serial production of force: A tutorial on power spectral analysis of motor variability. Human Movement Science, 2004, 23, 569-590.	0.6	30
44	Keeping with the beat: movement trajectories contribute to movement timing. Experimental Brain Research, 2004, 159, 129-34.	0.7	81
45	The cutaneous contribution to adaptive precision grip. Trends in Neurosciences, 2004, 27, 637-643.	4.2	166
46	Perceptual judgement, grasp point selection and object symmetry. Experimental Brain Research, 2003, 152, 156-165.	0.7	70
47	Predictive and reactive co-ordination of grip and load forces in bimanual lifting in man. European Journal of Neuroscience, 2003, 18, 2396-2402.	1.2	40
48	Neurophysiological correlates of error correction in sensorimotor-synchronization. NeuroImage, 2003, 20, 1283-1297.	2.1	60
49	Age-Related Changes in Grip Force and Dynamics of Hand Movement. Journal of Motor Behavior, 2003, 35, 79-85.	0.5	60
50	Voluntary Timing and Brain Function: An Information Processing Approach. Brain and Cognition, 2002, 48, 7-30.	0.8	137
51	Proprioception-Related Evoked Potentials: Origin and Sensitivity to Movement Parameters. NeuroImage, 2002, 17, 461-468.	2.1	48
52	The dynamics of standing balance. Trends in Cognitive Sciences, 2002, 6, 531-536.	4.0	143
53	Topics in rhythm perception and production. Psychological Research, 2002, 66, 1-2.	1.0	2
54	Motor control: Mechanisms of motor equivalence in handwriting. Current Biology, 2000, 10, R245-R248.	1.8	81

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55	Changing patterns of postural hip muscle activity during recovery from stroke. Clinical Rehabilitation, 2000, 14, 618-626.	1.0	63
56	Ground reaction force after a sideways push as a measure of balance in recovery from stroke. Clinical Rehabilitation, 2000, 14, 88-95.	1.0	38
57	Lateral balance organisation in human stance in response to a random or predictable perturbation. Experimental Brain Research, 1999, 124, 137-144.	0.7	45
58	Light touch contribution to balance in normal bipedal stance. Experimental Brain Research, 1999, 125, 521-524.	0.7	131
59	Impaired anticipatory finger grip-force adjustments in a case of cerebellar degeneration. Experimental Brain Research, 1999, 128, 81-85.	0.7	74
60	Grip force dynamics in the approach to a collision. Experimental Brain Research, 1999, 128, 86-91.	0.7	46
61	Coordination of hand aperture with the spatial path of hand transport. Experimental Brain Research, 1998, 118, 286-292.	0.7	51
62	The Role of Internal Models in Motion Planning and Control: Evidence from Grip Force Adjustments during Movements of Hand-Held Loads. Journal of Neuroscience, 1997, 17, 1519-1528.	1.7	607
63	On the Hand Transport Component of Prehensile Movements. Journal of Motor Behavior, 1997, 29, 282-287.	0.5	46
64	Effects of surface texture and grip force on the discrimination of hand-held loads. Perception & Psychophysics, 1997, 59, 111-118.	2.3	57
65	Anticipatory postural adjustments in stance and grip. Experimental Brain Research, 1997, 116, 122-130.	0.7	73
66	Chapter 4 Modeling variability and dependence in timing. Handbook of Perception and Action, 1996, 2, 181-262.	0.1	112
67	Effects of surface texture on weight perception when lifting objects with a precision grip. Perception & Psychophysics, 1995, 57, 282-290.	2.3	84
68	Coordinated responses following mechanical perturbation of the arm during prehension. Experimental Brain Research, 1995, 102, 483-94.	0.7	122
69	The coordination and consistency of rowers in a racing eight. Journal of Sports Sciences, 1995, 13, 187-197.	1.0	54
70	Coordination of aimed movements in a case of unilateral cerebellar damage. Neuropsychologia, 1994, 32, 827-846.	0.7	125
71	Modulation of grip force with load force during point-to-point arm movements. Experimental Brain Research, 1993, 95, 131-43.	0.7	349
72	Coupling of grip force and load force during arm movements with grasped objects. Neuroscience Letters, 1993, 152, 53-56.	1.0	208

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73	Preface: Modeling the Control of Upper Limb Movement. Journal of Motor Behavior, 1993, 25, 130-130.	0.5	1
74	Remote responses to perturbation in human prehension. Neuroscience Letters, 1991, 122, 103-108.	1.0	63
75	A recruitment theory of force-time relations in the production of brief force pulses: The parallel force unit model.. Psychological Review, 1991, 98, 268-294.	2.7	65
76	Assessing and Reporting the Accuracy of Position Measurements Made With Optical Tracking Systems. Journal of Motor Behavior, 1990, 22, 315-321.	0.5	70
77	Processes in handwriting: A case for case. Cognitive Neuropsychology, 1989, 6, 1-23.	0.4	71
78	Variability in the timing of responses during repetitive tapping with alternate hands. Psychological Research, 1989, 51, 28-37.	1.0	38
79	A comparison of the rate of pinch grip force increases and decreases in Parkinsonian bradykinesia. Neuropsychologia, 1988, 26, 479-482.	0.7	95
80	Grasp Size and Accuracy of Approach in Reaching. Journal of Motor Behavior, 1986, 18, 245-260.	0.5	459
81	Agraphia and micrographia: Clinical manifestations of motor programming and performance disorders. Acta Psychologica, 1983, 54, 263-283.	0.7	95
82	The height of handwriting. Acta Psychologica, 1980, 46, 141-151.	0.7	37
83	Effects of Sleep Deprivation on Short Duration Performance Measures Compared to the Wilkinson Auditory Vigilance Task. Sleep, 1978, 1, 169-176.	0.6	98
84	Effects of type of movement on the temporal precision of response sequences. British Journal of Mathematical and Statistical Psychology, 1977, 30, 60-72.	1.0	42
85	Response delays and the timing of discrete motor responses. Perception & Psychophysics, 1973, 14, 5-12.	2.3	787
86	The timing of interresponse intervals. Perception & Psychophysics, 1973, 13, 455-460.	2.3	369
87	Multidimensional encoding of visual form. Perception & Psychophysics, 1972, 12, 474-476.	2.3	32