

# Alan Wing

## List of Publications by Year in descending order

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87  
papers

6,876  
citations

66343

42  
h-index

60623

81  
g-index

90  
all docs

90  
docs citations

90  
times ranked

4010  
citing authors

#	ARTICLE	IF	CITATIONS
1	Response delays and the timing of discrete motor responses. Perception & Psychophysics, 1973, 14, 5-12.	2.3	787
2	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.	3.6	607
3	Grasp Size and Accuracy of Approach in Reaching. Journal of Motor Behavior, 1986, 18, 245-260.	0.9	459
4	The timing of interresponse intervals. Perception & Psychophysics, 1973, 13, 455-460.	2.3	369
5	Modulation of grip force with load force during point-to-point arm movements. Experimental Brain Research, 1993, 95, 131-43.	1.5	349
6	Coupling of grip force and load force during arm movements with grasped objects. Neuroscience Letters, 1993, 152, 53-56.	2.1	208
7	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.	1.6	199
8	The cutaneous contribution to adaptive precision grip. Trends in Neurosciences, 2004, 27, 637-643.	8.6	166
9	The dynamics of standing balance. Trends in Cognitive Sciences, 2002, 6, 531-536.	7.8	143
10	Voluntary Timing and Brain Function: An Information Processing Approach. Brain and Cognition, 2002, 48, 7-30.	1.8	137
11	Light touch contribution to balance in normal bipedal stance. Experimental Brain Research, 1999, 125, 521-524.	1.5	131
12	Coordination of aimed movements in a case of unilateral cerebellar damage. Neuropsychologia, 1994, 32, 827-846.	1.6	125
13	Coordinated responses following mechanical perturbation of the arm during prehension. Experimental Brain Research, 1995, 102, 483-94.	1.5	122
14	Chapter 4 Modeling variability and dependence in timing. Handbook of Perception and Action, 1996, 2, 181-262.	0.1	112
15	Effects of Sleep Deprivation on Short Duration Performance Measures Compared to the Wilkinson Auditory Vigilance Task. Sleep, 1978, 1, 169-176.	1.1	98
16	Optimal feedback correction in string quartet synchronization. Journal of the Royal Society Interface, 2014, 11, 20131125.	3.4	98
17	Agraphia and micrographia: Clinical manifestations of motor programming and performance disorders. Acta Psychologica, 1983, 54, 263-283.	1.5	95
18	A comparison of the rate of pinch grip force increases and decreases in Parkinsonian bradykinesia. Neuropsychologia, 1988, 26, 479-482.	1.6	95

#	ARTICLE	IF	CITATIONS
19	Effects of surface texture on weight perception when lifting objects with a precision grip. Perception & Psychophysics, 1995, 57, 282-290.	2.3	84
20	Motor control: Mechanisms of motor equivalence in handwriting. Current Biology, 2000, 10, R245-R248.	3.9	81
21	Keeping with the beat: movement trajectories contribute to movement timing. Experimental Brain Research, 2004, 159, 129-34.	1.5	81
22	Multisensory cues improve sensorimotor synchronisation. European Journal of Neuroscience, 2010, 31, 1828-1835.	2.6	76
23	Impaired anticipatory finger grip-force adjustments in a case of cerebellar degeneration. Experimental Brain Research, 1999, 128, 81-85.	1.5	74
24	Anticipatory postural adjustments in stance and grip. Experimental Brain Research, 1997, 116, 122-130.	1.5	73
25	Processes in handwriting: A case for case. Cognitive Neuropsychology, 1989, 6, 1-23.	1.1	71
26	Assessing and Reporting the Accuracy of Position Measurements Made With Optical Tracking Systems. Journal of Motor Behavior, 1990, 22, 315-321.	0.9	70
27	Perceptual judgement, grasp point selection and object symmetry. Experimental Brain Research, 2003, 152, 156-165.	1.5	70
28	Being discrete helps keep to the beat. Experimental Brain Research, 2009, 192, 731-737.	1.5	67
29	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.	3.8	65
30	Remote responses to perturbation in human prehension. Neuroscience Letters, 1991, 122, 103-108.	2.1	63
31	Changing patterns of postural hip muscle activity during recovery from stroke. Clinical Rehabilitation, 2000, 14, 618-626.	2.2	63
32	Hemiparetic Stepping to the Beat: Asymmetric Response to Metronome Phase Shift During Treadmill Gait. Neurorehabilitation and Neural Repair, 2010, 24, 428-434.	2.9	62
33	Neurophysiological correlates of error correction in sensorimotor-synchronization. NeuroImage, 2003, 20, 1283-1297.	4.2	60
34	Age-Related Changes in Grip Force and Dynamics of Hand Movement. Journal of Motor Behavior, 2003, 35, 79-85.	0.9	60
35	Effects of surface texture and grip force on the discrimination of hand-held loads. Perception & Psychophysics, 1997, 59, 111-118.	2.3	57
36	The coordination and consistency of rowers in a racing eight. Journal of Sports Sciences, 1995, 13, 187-197.	2.0	54

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37	Coordination of hand aperture with the spatial path of hand transport. <i>Experimental Brain Research</i> , 1998, 118, 286-292.	1.5	51
38	Proprioception-Related Evoked Potentials: Origin and Sensitivity to Movement Parameters. <i>NeuroImage</i> , 2002, 17, 461-468.	4.2	48
39	On the Hand Transport Component of Prehensile Movements. <i>Journal of Motor Behavior</i> , 1997, 29, 282-287.	0.9	46
40	Grip force dynamics in the approach to a collision. <i>Experimental Brain Research</i> , 1999, 128, 86-91.	1.5	46
41	Lateral balance organisation in human stance in response to a random or predictable perturbation. <i>Experimental Brain Research</i> , 1999, 124, 137-144.	1.5	45
42	Force related activations in rhythmic sequence production. <i>NeuroImage</i> , 2005, 27, 909-918.	4.2	45
43	Synchronization and leadership in string quartet performance: a case study of auditory and visual cues. <i>Frontiers in Psychology</i> , 2014, 5, 645.	2.1	43
44	Effects of type of movement on the temporal precision of response sequences. <i>British Journal of Mathematical and Statistical Psychology</i> , 1977, 30, 60-72.	1.4	42
45	Motor fluency deficits in the sequencing of actions in schizophrenia.. <i>Journal of Abnormal Psychology</i> , 2007, 116, 56-64.	1.9	41
46	Predictive and reactive co-ordination of grip and load forces in bimanual lifting in man. <i>European Journal of Neuroscience</i> , 2003, 18, 2396-2402.	2.6	40
47	Somatosensory driven interpersonal synchrony during rhythmic sway. <i>Human Movement Science</i> , 2012, 31, 553-566.	1.4	40
48	Effects of Maintaining Touch Contact on Predictive and Reactive Balance. <i>Journal of Neurophysiology</i> , 2007, 97, 2686-2695.	1.8	39
49	Contribution of the motor system to the perception of reachable space: an fMRI study. <i>European Journal of Neuroscience</i> , 2014, 40, 3807-3817.	2.6	39
50	Variability in the timing of responses during repetitive tapping with alternate hands. <i>Psychological Research</i> , 1989, 51, 28-37.	1.7	38
51	Ground reaction force after a sideways push as a measure of balance in recovery from stroke. <i>Clinical Rehabilitation</i> , 2000, 14, 88-95.	2.2	38
52	Timing and aging: Slowing of fastest regular tapping rate with preserved timing error detection and correction.. <i>Psychology and Aging</i> , 2011, 26, 150-161.	1.6	38
53	The height of handwriting. <i>Acta Psychologica</i> , 1980, 46, 141-151.	1.5	37
54	Attentional focus of feedback for improving performance of reach-to-grasp after stroke: a randomised crossover study. <i>Physiotherapy</i> , 2014, 100, 108-115.	0.4	37

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55	Combining multisensory temporal information for movement synchronisation. <i>Experimental Brain Research</i> , 2010, 200, 277-282.	1.5	36
56	Feasibility and Preliminary Efficacy of Visual Cue Training to Improve Adaptability of Walking after Stroke: Multi-Centre, Single-Blind Randomised Control Pilot Trial. <i>PLoS ONE</i> , 2015, 10, e0139261.	2.5	36
57	The synchronisation of lower limb responses with a variable metronome: The effect of biomechanical constraints on timing. <i>Gait and Posture</i> , 2006, 23, 307-314.	1.4	35
58	Timing and trajectory in rhythm production.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2007, 33, 442-455.	0.9	34
59	Action modulates object-based selection. <i>Vision Research</i> , 2005, 45, 2268-2286.	1.4	33
60	Interpersonal Light Touch Assists Balance in the Elderly. <i>Journal of Motor Behavior</i> , 2009, 41, 397-399.	0.9	33
61	Multidimensional encoding of visual form. <i>Perception &amp; Psychophysics</i> , 1972, 12, 474-476.	2.3	32
62	Multiple time scales in serial production of force: A tutorial on power spectral analysis of motor variability. <i>Human Movement Science</i> , 2004, 23, 569-590.	1.4	30
63	Neuroscience Findings on Coordination of Reaching to Grasp an Object. <i>Neurorehabilitation and Neural Repair</i> , 2013, 27, 622-635.	2.9	29
64	Stroke-related differences in axial body segment coordination during preplanned and reactive changes in walking direction. <i>Experimental Brain Research</i> , 2010, 202, 591-604.	1.5	27
65	Contrasting effects of finger and shoulder interpersonal light touch on standing balance. <i>Journal of Neurophysiology</i> , 2012, 107, 216-225.	1.8	27
66	Humans adjust their grip force when passing an object according to the observed speed of the partner's reaching out movement. <i>Experimental Brain Research</i> , 2018, 236, 3363-3377.	1.5	23
67	Seated Bilateral Leg Exercise Effects on Hemiparetic Lower Extremity Function in Chronic Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2010, 24, 243-253.	2.9	22
68	Handmade Task Tracking Applied to Cognitive Rehabilitation. <i>Sensors</i> , 2012, 12, 14214-14231.	3.8	21
69	Evaluation of weight perception during unimanual and bimanual manipulation of virtual objects. , 2009, , .		17
70	Preliminary Evaluation of a Personal Healthcare System Prototype for Cognitive eRehabilitation in a Living Assistance Domain. <i>Sensors</i> , 2014, 14, 10213-10233.	3.8	15
71	The Contribution of Proprioceptive and Cutaneous Cues in Weight Perception: Early Evidence for Maximum-Likelihood Integration. <i>Lecture Notes in Computer Science</i> , 2010, , 11-16.	1.3	15
72	Bodies Meet Minds: Choreography and Cognition. <i>Leonardo</i> , 2006, 39, 475-478.	0.3	14

#	ARTICLE	IF	CITATIONS
73	A Gait Rehabilitation pilot study using tactile cueing following Hemiparetic Stroke. , 2014, , .		14
74	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.	0.7	12
75	Unimanual and Bimanual Weight Discrimination in a Desktop Setup. Lecture Notes in Computer Science, 2008, , 378-382.	1.3	10
76	Creating Affording Situations: Coaching through Animate Objects. Sensors, 2017, 17, 2308.	3.8	7
77	2-DOF fMRI-Compatible Haptic Interface for Bimanual Motor Tasks with Grip/Load Force Measurement. Springer Tracts in Advanced Robotics, 2008, , 109-129.	0.4	6
78	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.	5.9	5
79	A Pilot Study Using Tactile Cueing for Gait Rehabilitation Following Stroke. Communications in Computer and Information Science, 2015, , 222-233.	0.5	4
80	Topics in rhythm perception and production. Psychological Research, 2002, 66, 1-2.	1.7	2
81	PrendoSim: Proxy-Hand-Based Robot Grasp Generator. , 2021, , .		2
82	Vision-Based Tracking of Human Body Motion. Conference Proceedings of the Society for Experimental Mechanics, 2014, , 171-174.	0.5	2
83	Preface: Modeling the Control of Upper Limb Movement. Journal of Motor Behavior, 1993, 25, 130-130.	0.9	1
84	Action-perception dissociation; preserved reactive grip force despite tactile extinction due to cortical stroke. Neuropsychologia, 2007, 45, 2402-2406.	1.6	1
85	Coaching through smart objects. , 2017, , .		1
86	Effect of Sensory Stimuli on Dynamic Loading Induced by People Bouncing. Conference Proceedings of the Society for Experimental Mechanics, 2013, , 365-369.	0.5	1
87	The Effect of Bimanual Lifting on Grip Force and Weight Perception. Lecture Notes in Computer Science, 2010, , 131-135.	1.3	1