Howard N Zelaznik

List of Publications by Year
in descending order

64	4,225	147566 31	118652 62
papers	citations	h-index	g-index

64	64	64	2545
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Disrupted Timing of Discontinuous But Not Continuous Movements by Cerebellar Lesions. Science, 2003, 300, 1437-1439.	6.0	427
2	The Cerebellum and Event Timing. Annals of the New York Academy of Sciences, 2002, 978, 302-317.	1.8	404
3	Rapid Visual Feedback Processing in Single-Aiming Movements. Journal of Motor Behavior, 1983, 15, 217-236.	0.5	300
4	Development of functional synergies for speech motor coordination in childhood and adolescence. Developmental Psychobiology, 2004, 45, 22-33.	0.9	284
5	Spatial topological constraints in a bimanual task. Acta Psychologica, 1991, 77, 137-151.	0.7	252
6	Spatiotemporal stability and patterning of speech movement sequences. Experimental Brain Research, 1995, 104, 493-501.	0.7	194
7	Kinematic Properties of Rapid Aimed Hand Movements. Journal of Motor Behavior, 1986, 18, 353-372.	0.5	159
8	Dissociation of explicit and implicit timing in repetitive tapping and drawing movements.. Journal of Experimental Psychology: Human Perception and Performance, 2002, 28, 575-588.	0.7	157
9	Correlations for timing consistency among tapping and drawing tasks: Evidence against a single timing process for motor control.. Journal of Experimental Psychology: Human Perception and Performance, 1999, 25, 1316-1330.	0.7	135
10	Spatial Conceptual Influences on the Coordination of Bimanual Actions: When a Dual Task Becomes a Single Task. Journal of Motor Behavior, 2001, 33, 103-112.	0.5	127
11	Dissociation of explicit and implicit timing in repetitive tapping and drawing movements. Journal of Experimental Psychology: Human Perception and Performance, 2002, 28, 575-88.	0.7	122
12	Distinct Timing Mechanisms Produce Discrete and Continuous Movements. PLoS Computational Biology, 2008, 4, e1000061.	1.5	108
13	Role of temporal and spatial precision in determining the nature of the speed-accuracy trade-off in aimed-hand movements.. Journal of Experimental Psychology: Human Perception and Performance, 1988, 14, 221-230.	0.7	88
14	Generalized Motor Abilities and Timing Behavior in Children With Specific Language Impairment. Journal of Speech, Language, and Hearing Research, 2010, 53, 383-393.	0.7	80
15	Evidence of Common Timing Processes in the Control of Manual, Orofacial, and Speech Movements. Journal of Motor Behavior, 1992, 24, 281-287.	0.5	72
16	Multiple timescales in postural dynamics associated with vision and a secondary task are revealed by wavelet analysis. Experimental Brain Research, 2009, 197, 297-310.	0.7	72
17	Role of the cerebellum in movements: control of timing or movement transitions?. Experimental Brain Research, 2005, 161, 383-396.	0.7	69
18	Temporal Precision in Tapping and Circle Drawing Movements at Preferred Rates is Not Correlated: Further Evidence Against Timing as a General-Purpose Ability. Journal of Motor Behavior, 2000, 32, 193-199.	0.5	68

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19	Timing Variability in Circle Drawing and Tapping: Probing the Relationship Between Event and Emergent Timing. Journal of Motor Behavior, 2005, 37, 395-403.	0.5	68
20	Evidence That a Motor Timing Deficit Is a Factor in the Development of Stuttering. Journal of Speech, Language, and Hearing Research, 2010, 53, 876-886.	0.7	61
21	Effects of a secondary task on the accuracy of single aiming movements.. Journal of Experimental Psychology: Human Perception and Performance, 1981, 7, 1007-1018.	0.7	59
22	The Specification of Digit and Duration During Motor Programming. Journal of Motor Behavior, 1982, 14, 57-68.	0.5	55
23	Differences in bimanual coordination associated with stuttering. Acta Psychologica, 1997, 96, 229-243.	0.7	53
24	Reaction Time Methods in the Study of Motor Programming. Journal of Motor Behavior, 1985, 17, 190-218.	0.5	51
25	Weber (Slope) Analyses of Timing Variability in Tapping and Drawing Tasks. Journal of Motor Behavior, 2003, 35, 371-381.	0.5	47
26	Target-Size Influences on Reaction Time with Movement Time Controlled. Journal of Motor Behavior, 1980, 12, 239-261.	0.5	45
27	The Acquisition of Time Properties Associated with a Sequential Motor Skill. Journal of Motor Behavior, 1984, 16, 275-301.	0.5	39
28	Motor timing deficits in children with Attention-Deficit/Hyperactivity disorder. Human Movement Science, 2012, 31, 255-265.	0.6	38
29	The role of vision in repetitive circle drawing. Acta Psychologica, 1996, 92, 105-118.	0.7	37
30	Limit cycle oscillations in standing human posture. Journal of Biomechanics, 2016, 49, 1170-1179.	0.9	35
31	Long-range correlation properties in motor timing are individual and task specific. Psychonomic Bulletin and Review, 2011, 18, 339-346.	1.4	33
32	The Distinction between Tapping and Circle Drawing with and without Tactile Feedback: An Examination of the Sources of Timing Variance. Quarterly Journal of Experimental Psychology, 2012, 65, 1086-1100.	0.6	32
33	Precueing Response Factors in Choice Reaction Time. Journal of Motor Behavior, 1978, 10, 77-79.	0.5	31
34	The influence of dominant versus non-dominant hand on event and emergent motor timing. Human Movement Science, 2008, 27, 29-52.	0.6	31
35	Deficits in Coordinative Bimanual Timing Precision in Children With Specific Language Impairment. Journal of Speech, Language, and Hearing Research, 2017, 60, 393-405.	0.7	31
36	Feedback in Response Recognition and Production. Journal of Motor Behavior, 1976, 8, 309-312.	0.5	30

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37	Motor Performance of Stutterers and Nonstutterers on Timing and Force Control Tasks. Journal of Motor Behavior, 1994, 26, 340-347.	0.5	29
38	Timing processes are correlated when tasks share a salient event.. Journal of Experimental Psychology: Human Perception and Performance, 2010, 36, 1565-1575.	0.7	26
39	Physically coupling two objects in a bimanual task alters kinematics but not end-state comfort. Experimental Brain Research, 2011, 211, 219-229.	0.7	24
40	Synchronization in repetitive smooth movement requires perceptible events. Acta Psychologica, 2011, 136, 432-441.	0.7	23
41	The Effects of Force and Direction Uncertainty on Choice Reaction Time in an Isometric Force Production Task. Journal of Motor Behavior, 1981, 13, 18-32.	0.5	18
42	Motor Learning in Sign Language Students. Sign Language Studies, 1990, 67, 153-174.	0.1	18
43	Distinct timing mechanisms are implicated in distinct circle drawing tasks. Neuroscience Letters, 2010, 472, 24-28.	1.0	18
44	Circle Drawing Does Not Exhibit Auditoryâ€“Motor Synchronization. Journal of Motor Behavior, 2011, 43, 185-191.	0.5	18
45	An active balance board system with real-time control of stiffness and time-delay to assess mechanisms of postural stability. Journal of Biomechanics, 2017, 60, 48-56.	0.9	18
46	Evidence That Bimanual Motor Timing Performance Is Not a Significant Factor in Developmental Stuttering. Journal of Speech, Language, and Hearing Research, 2016, 59, 674-685.	0.7	17
47	The relationship between intermittent limit cycles and postural instability associated with Parkinson's disease. Journal of Sport and Health Science, 2016, 5, 14-24.	3.3	15
48	Visual salience, not the graspable part of a pictured eating utensil, grabs attention. Attention, Perception, and Psychophysics, 2019, 81, 1454-1463.	0.7	14
49	The effects of movement distance and movement time on visual feedback processing in aimed hand movements. Acta Psychologica, 1987, 65, 181-191.	0.7	12
50	Timing Precision in Circle Drawing Does Not Depend on Spatial Precision of the Timing Target. Journal of Motor Behavior, 2005, 37, 447-453.	0.5	10
51	Human Trajectory Formation: Taxonomy of Movement Based on Phase Flow Topology. , 2008, , 77-92.		10
52	The visual control of aimed hand movements to stationary and moving targets. Acta Psychologica, 1992, 79, 59-78.	0.7	9
53	The efficacy of the Microsoft KinectTM to assess human bimanual coordination. Behavior Research Methods, 2017, 49, 1030-1047.	2.3	9
54	The Modification of an Already-Programmed Response: A New Interpretation of Henry and Harrison (1961). Journal of Motor Behavior, 1991, 23, 221-223.	0.5	7

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55	Chapter 4 The Role of Motor Development in Infancy Reactions to Mounoud and Bremner. Advances in Psychology, 1993, , 79-88.	0.1	6
56	Human Motor Transfer Is Determined by the Scaling of Size and Accuracy of Movement. Journal of Motor Behavior, 2010, 43, 15-26.	0.5	6
57	Chapter 19 Comparative Investigations of Speech and other Neuromotor Systems. Advances in Psychology, 1990, , 575-594.	0.1	5
58	Stimulus-Response Compatibility and the Programming of Motor Activity: Pitfalls and Possible New Directions. Advances in Psychology, 1990, 65, 279-295.	0.1	4
59	The Past and Future of Clock-Like Timing in Motor Performance. Kinesiology Review, 2018, 7, 36-41.	0.4	4
60	Attentional and Reaction Time Analysis of Performance: Implications For Research With Mentally Handicapped Individuals. Advances in Psychology, 1986, , 131-153.	0.1	3
61	Skill and Physical Activity: A Central Dogma for Kinesiology. Quest, 2007, 59, 163-169.	0.8	3
62	Action-specific judgment, not perception: Fittsâ€™ law performance is related to estimates of target width only when participants are given a performance score. Attention, Perception, and Psychophysics, 2016, 78, 1744-1754.	0.7	3
63	Does the Cerebellum Preferentially Control Discrete and Not Continuous Movements?. Annals of the New York Academy of Sciences, 2002, 978, 542-544.	1.8	2
64	Can one explanation serve two laws?. Behavioral and Brain Sciences, 1997, 20, 325-325.	0.4	0