

# C E Peper

## List of Publications by Year in descending order

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50  
papers

1,886  
citations

257450

24  
h-index

254184

43  
g-index

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all docs

50  
docs citations

50  
times ranked

1431  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Re-Appraisal of the Effect of Amplitude on the Stability of Interlimb Coordination Based on Tightened Normalization Procedures. <i>Brain Sciences</i> , 2020, 10, 724.	2.3	4
2	Intended and unintended (sensory) motor coupling between the affected and unaffected upper limb in complex regional pain syndrome. <i>European Journal of Pain</i> , 2015, 19, 1021-1034.	2.8	13
3	Unilateral and Bilateral Upper-Limb Training Interventions After Stroke Have Similar Effects on Bimanual Coupling Strength. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 255-267.	2.9	21
4	Does interpersonal movement synchronization differ from synchronization with a moving object?. <i>Neuroscience Letters</i> , 2015, 606, 177-181.	2.1	10
5	Evaluation of mirrored muscle activity in patients with Complex Regional Pain Syndrome. <i>Clinical Neurophysiology</i> , 2014, 125, 2100-2108.	1.5	4
6	Learning a New Bimanual Coordination Pattern: Interlimb Interactions, Attentional Focus, and Transfer. <i>Journal of Motor Behavior</i> , 2013, 45, 65-77.	0.9	11
7	Informational and Neuromuscular Contributions to Anchoring in Rhythmic Wrist Cycling. <i>Annals of Biomedical Engineering</i> , 2013, 41, 1726-1739.	2.5	16
8	Individual contributions to (re-)stabilizing interpersonal movement coordination. <i>Neuroscience Letters</i> , 2013, 557, 143-147.	2.1	8
9	Biases in rhythmic sensorimotor coordination: Effects of modality and intentionality. <i>Behavioural Brain Research</i> , 2013, 250, 334-342.	2.2	1
10	Motor Dysfunction of Complex Regional Pain Syndrome Is Related to Impaired Central Processing of Proprioceptive Information. <i>Journal of Pain</i> , 2013, 14, 1460-1474.	1.4	43
11	Deficient muscle activation in patients with Complex Regional Pain Syndrome and abnormal hand postures: An electromyographic evaluation. <i>Clinical Neurophysiology</i> , 2013, 124, 2025-2035.	1.5	11
12	Motor consequences of experimentally induced limb pain: A systematic review. <i>European Journal of Pain</i> , 2013, 17, 145-157.	2.8	103
13	Anchoring in Rhythmic In-Phase and Antiphase Visuomotor Tracking. <i>Motor Control</i> , 2013, 17, 176-189.	0.6	9
14	Phase Entrainment Strength Scales With Movement Amplitude Disparity. <i>Motor Control</i> , 2013, 17, 399-411.	0.6	4
15	A Systematic Review of Bilateral Upper Limb Training Devices for Poststroke Rehabilitation. <i>Stroke Research and Treatment</i> , 2012, 2012, 1-17.	0.8	65
16	Unilateral versus bilateral upper limb exercise therapy after stroke: A systematic review. <i>Journal of Rehabilitation Medicine</i> , 2012, 44, 106-117.	1.1	66
17	Development of Temporal and Spatial Bimanual Coordination During Childhood. <i>Motor Control</i> , 2012, 16, 537-559.	0.6	20
18	Attentional demands of cued walking in healthy young and elderly adults. <i>Gait and Posture</i> , 2012, 36, 378-382.	1.4	50

#	ARTICLE	IF	CITATIONS
19	Walking to the beat of different drums: Practical implications for the use of acoustic rhythms in gait rehabilitation. <i>Gait and Posture</i> , 2011, 33, 690-694.	1.4	91
20	Frequency-induced changes in interlimb interactions: Increasing manifestations of closed-loop control. <i>Behavioural Brain Research</i> , 2011, 220, 202-214.	2.2	9
21	Comparing the efficacy of metronome beeps and stepping stones to adjust gait: steps to follow!. <i>Experimental Brain Research</i> , 2011, 209, 159-169.	1.5	49
22	Comparing unilateral and bilateral upper limb training: The ULTRA-stroke program design. <i>BMC Neurology</i> , 2009, 9, 57.	1.8	26
23	Disentangling the effects of attentional and amplitude asymmetries on relative phase dynamics.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2009, 35, 762-777.	0.9	16
24	Laterally focused attention modulates asymmetric coupling in rhythmic interlimb coordination. <i>Psychological Research</i> , 2008, 72, 123-137.	1.7	31
25	Attentional loads associated with interlimb interactions underlying rhythmic bimanual coordination. <i>Cognition</i> , 2008, 109, 372-388.	2.2	15
26	Interlimb coupling strength scales with movement amplitude. <i>Neuroscience Letters</i> , 2008, 437, 10-14.	2.1	35
27	Pattern Stability and Error Correction During In-Phase and Antiphase Four-Ball Juggling. <i>Journal of Motor Behavior</i> , 2007, 39, 433-446.	0.9	8
28	Handedness-related asymmetry in coupling strength in bimanual coordination: Furthering theory and evidence. <i>Acta Psychologica</i> , 2007, 124, 209-237.	1.5	65
29	Error correction in bimanual coordination benefits from bilateral muscle activity: evidence from kinesthetic tracking. <i>Experimental Brain Research</i> , 2007, 181, 31-48.	1.5	15
30	Visual and musculoskeletal underpinnings of anchoring in rhythmic visuo-motor tracking. <i>Experimental Brain Research</i> , 2007, 184, 143-156.	1.5	41
31	Bilateral phase entrainment by movement-elicited afference contributes equally to the stability of in-phase and antiphase coordination. <i>Neuroscience Letters</i> , 2006, 399, 71-75.	2.1	23
32	Effects of correct and transformed visual feedback on rhythmic visuo-motor tracking: Tracking performance and visual search behavior. <i>Human Movement Science</i> , 2005, 24, 379-402.	1.4	61
33	Stabilization of bimanual coordination due to active interhemispheric inhibition: a dynamical account. <i>Biological Cybernetics</i> , 2005, 92, 101-109.	1.3	74
34	Unraveling Interlimb Interactions Underlying Bimanual Coordination. <i>Journal of Neurophysiology</i> , 2005, 94, 3112-3125.	1.8	73
35	Mirrored EMG activity during unimanual rhythmic movements. <i>Neuroscience Letters</i> , 2005, 381, 228-233.	2.1	24
36	Mass Perturbation of a Body Segment: 2. Effects on Interlimb Coordination. <i>Journal of Motor Behavior</i> , 2004, 36, 425-441.	0.9	16

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37	Effector dynamics of rhythmic wrist activity and its implications for (modeling) bimanual coordination. <i>Human Movement Science</i> , 2004, 23, 285-313.	1.4	13
38	Explanatory limitations of the HKB model: Incentives for a two-tiered model of rhythmic interlimb coordination. <i>Human Movement Science</i> , 2004, 23, 673-697.	1.4	20
39	Effects of Visual Information and Task Constraints on Intersegmental Coordination in Playground Swinging. <i>Journal of Motor Behavior</i> , 2003, 35, 64-78.	0.9	8
40	Modeling Rhythmic Interlimb Coordination: Beyond the Haken-Kelso-Bunz Model. <i>Brain and Cognition</i> , 2002, 48, 149-165.	1.8	95
41	Relative phase dynamics in perturbed interlimb coordination: stability and stochasticity. <i>Biological Cybernetics</i> , 2000, 83, 443-459.	1.3	46
42	Relative phase dynamics in perturbed interlimb coordination: the effects of frequency and amplitude. <i>Biological Cybernetics</i> , 2000, 83, 529-542.	1.3	34
43	Dynamic, Stochastic, and Topological Aspects of Polyrhythmic Performance. <i>Journal of Motor Behavior</i> , 2000, 32, 323-336.	0.9	11
44	Bimanual coordination between isometric contractions and rhythmic movements: an asymmetric coupling. <i>Experimental Brain Research</i> , 1999, 129, 0417-0432.	1.5	19
45	Modeling rhythmic interlimb coordination: The roles of movement amplitude and time delays. <i>Human Movement Science</i> , 1999, 18, 263-280.	1.4	33
46	Are frequency-induced transitions in rhythmic coordination mediated by a drop in amplitude?. <i>Biological Cybernetics</i> , 1998, 79, 291-300.	1.3	71
47	Distinguishing between the effects of frequency and amplitude on interlimb coupling in tapping a 2:3 polyrhythm. <i>Experimental Brain Research</i> , 1998, 118, 78-92.	1.5	56
48	Multifrequency coordination in bimanual tapping: Asymmetrical coupling and signs of supercriticality.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1995, 21, 1117-1138.	0.9	179
49	Frequency-induced phase transitions in bimanual tapping. <i>Biological Cybernetics</i> , 1995, 73, 301-309.	1.3	107
50	Coupling strength in tapping a 2:3 polyrhythm. <i>Human Movement Science</i> , 1995, 14, 217-245.	1.4	63