Frans Steenbrink

List of Publications by Year
in descending order

12 papers	952 citations	933447 10 h-index
12 all docs	12 docs citations	12 times ranked

1281871 11 g-index	1076 citing authors

#	Article	IF	Citations
1	A real-time system for biomechanical analysis of human movement and muscle function. Medical and Biological Engineering and Computing, 2013, 51, 1069-1077.	2.8	299
2	Speeding up or slowing down?: Gait adaptations to preserve gait stability in response to balance perturbations. Gait and Posture, 2012, 36, 260-264.	1.4	184
3	The efficacy of functional gait training in children and young adults with cerebral palsy: a systematic review and meta‐analysis. Developmental Medicine and Child Neurology, 2018, 60, 866-883.	2.1	113
4	Stepping strategies for regulating gait adaptability and stability. Journal of Biomechanics, 2013, 46, 905-911.	2.1	92
5	Real-time visual feedback for gait retraining: toward application in knee osteoarthritis. Medical and Biological Engineering and Computing, 2015, 53, 275-286.	2.8	54
6	Immediate Effects of Immersive Biofeedback on Gait in Children With Cerebral Palsy. Archives of Physical Medicine and Rehabilitation, 2019, 100, 598-605.	0.9	39
7	Teres major muscle activation relates to clinical outcome in tendon transfer surgery. Clinical Biomechanics, 2010, 25, 187-193.	1.2	38
8	D-flow. , 2011, , .		34
9	OpenSim Versus Human Body Model: A Comparison Study for the Lower Limbs During Gait. Journal of Applied Biomechanics, 2018, 34, 496-502.	0.8	33
10	Gamification as a Sustainable Source of Enjoyment During Balance and Gait Exercises. Frontiers in Psychology, 2019, 10, 294.	2.1	32
11	The relation between increased deltoid activation and adductor muscle activation due to glenohumeral cuff tears. Journal of Biomechanics, 2010, 43, 2049-2054.	2.1	27
12	Arm load magnitude affects selective shoulder muscle activation. Medical and Biological Engineering and Computing, 2009, 47, 565-572.	2.8	7