

Nonlinear time series analysis of normal and pathologic

Chaos

10, 848

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Slower speeds in patients with diabetic neuropathy lead to improved local dynamic stability of continuous overground walking. <i>Journal of Biomechanics</i> , 2000, 33, 1269-1277.	0.9	215
2	Increased variability of continuous overground walking in neuropathic patients is only indirectly related to sensory loss. <i>Gait and Posture</i> , 2001, 14, 1-10.	0.6	138
3	Local Dynamic Stability Versus Kinematic Variability of Continuous Overground and Treadmill Walking. <i>Journal of Biomechanical Engineering</i> , 2001, 123, 27-32.	0.6	536
4	Quantifying Dynamic Stability and Maneuverability in Legged Locomotion. <i>Integrative and Comparative Biology</i> , 2002, 42, 149-157.	0.9	188
5	Variability and Determinism in Motor Behavior. <i>Journal of Motor Behavior</i> , 2002, 34, 99-125.	0.5	317
6	Nonlinear analysis of the development of sitting postural control. <i>Developmental Psychobiology</i> , 2003, 42, 368-377.	0.9	176
7	Stratification of the phase clouds and statistical effects of the non-Markovity in chaotic time series of human gait for healthy people and Parkinson patients. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003, 319, 432-446.	1.2	18
8	Nonlinear dynamics indicates aging affects variability during gait. <i>Clinical Biomechanics</i> , 2003, 18, 435-443.	0.5	300
9	INTEGRATION OF A SYSTEM FOR CONTINUOUS MEASUREMENT OF DYNAMIC FOOT PRESSURE DURING TREADMILL WALKING. <i>Biomedizinische Technik</i> , 2003, 48, 412-413.	0.9	1
10	Bifurcation and stability analysis in musculoskeletal systems: a study in human stance. <i>Biological Cybernetics</i> , 2004, 91, 48-62.	0.6	19
11	Step width variability, but not step length variability or step time variability, discriminates gait of healthy young and older adults during treadmill locomotion. <i>Journal of Biomechanics</i> , 2004, 37, 935-938.	0.9	208
12	Effect of prolonged free-walking fatigue on gait and physiological rhythm. <i>Journal of Biomechanics</i> , 2004, 37, 1271-1280.	0.9	83
13	The effect of the walking speed on the stability of the anterior cruciate ligament deficient knee. <i>Clinical Biomechanics</i> , 2004, 19, 957-963.	0.5	118
14	Dynamic Stability of Gait Cycles as a Function of Speed and System Constraints. <i>Motor Control</i> , 2004, 8, 241-254.	0.3	59
15	Stability and variability may respond differently to changes in walking speed. <i>Human Movement Science</i> , 2005, 24, 257-267.	0.6	55
17	Fusion of Chaotic Measure Into a New Hybrid Face-Gait System for Human Recognition. , 2006, , .		9
18	Frontal View-Based Gait Identification Using Largest Lyapunov Exponents. , 0, , .		2
19	Scaling Behavior in Mitochondrial Redox Fluctuations. <i>Biophysical Journal</i> , 2006, 90, L70-L72.	0.2	21

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20	Effects of Visual Environment on Quiet Standing by Young and Old Adults. <i>Journal of Motor Behavior</i> , 2006, 38, 251-264.	0.5	39
21	Intra-session reliability of local dynamic stability of walking. <i>Gait and Posture</i> , 2006, 24, 386-390.	0.6	61
22	Stability of Dynamic Trunk Movement. <i>Spine</i> , 2006, 31, E271-E276.	1.0	112
23	Regular and stochastic behavior of Parkinsonian pathological tremor signals. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 369, 655-678.	1.2	32
24	Kinematic variability and local dynamic stability of upper body motions when walking at different speeds. <i>Journal of Biomechanics</i> , 2006, 39, 444-452.	0.9	512
25	An improved surrogate method for detecting the presence of chaos in gait. <i>Journal of Biomechanics</i> , 2006, 39, 2873-2876.	0.9	60
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27	Body-goal Variability Mapping in an Aiming Task. <i>Biological Cybernetics</i> , 2006, 94, 367-379.	0.6	136
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29	Describing gait as a sequence of states. <i>Journal of Biomechanics</i> , 2006, 39, 948-957.	0.9	47
30	From diagnostics to therapy – conceptual basis for real-time movement feedback in rehabilitation medicine. <i>Biomedizinische Technik</i> , 2006, 51, 299-304.	0.9	4
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32	Differences Between Local and Orbital Dynamic Stability During Human Walking. <i>Journal of Biomechanical Engineering</i> , 2007, 129, 586-593.	0.6	151
33	Effect of Load Carrying on Local Dynamic Stability. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2007, 51, 909-913.	0.2	2
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43	Characterization of Surface EMG Signal Based on Fuzzy Entropy. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2007, 15, 266-272.	2.7	742
44	Establishing the stochastic nature of intracellular calcium oscillations from experimental data. <i>Biophysical Chemistry</i> , 2008, 132, 33-38.	1.5	86
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57	An Instance-Based Algorithm With Auxiliary Similarity Information for the Estimation of Gait Kinematics From Wearable Sensors. <i>IEEE Transactions on Neural Networks</i> , 2008, 19, 1574-1582.	4.8	29
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