

Luca Mainardi

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

869
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

963
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of surface electrocardiograms in atrial fibrillation: techniques, research, and clinical applications. <i>Europace</i> , 2006, 8, 911-926.	1.7	175
2	Cardiac Autonomic Patterns Preceding Occasional Vasovagal Reactions in Healthy Humans. <i>Circulation</i> , 1998, 98, 1756-1761.	1.6	133
3	Postural control in patients with Down syndrome. <i>Disability and Rehabilitation</i> , 2008, 30, 1274-1278.	1.8	109
4	Postural control in children, teenagers and adults with Down syndrome. <i>Research in Developmental Disabilities</i> , 2011, 32, 170-175.	2.2	101
5	A method for continuously assessing the autonomic response to music-induced emotions through HRV analysis. <i>Medical and Biological Engineering and Computing</i> , 2010, 48, 423-433.	2.8	96
6	Measuring regularity of human postural sway using approximate entropy and sample entropy in patients with Ehlers-Danlos syndrome hypermobility type. <i>Research in Developmental Disabilities</i> , 2013, 34, 840-846.	2.2	47
7	Analysis of Heart Rate Variability Using Time-Varying Frequency Bands Based on Respiratory Frequency. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 6675-8.	0.5	44
8	Postural analysis in time and frequency domains in patients with Ehlers-Danlos syndrome. <i>Research in Developmental Disabilities</i> , 2011, 32, 322-325.	2.2	42
9	Analysis of heart rate variability during exercise stress testing using respiratory information. <i>Biomedical Signal Processing and Control</i> , 2010, 5, 299-310.	5.7	41
10	Fractal dimension approach in postural control of subjects with Prader-Willi Syndrome. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2011, 8, 45.	4.6	23
11	Synthesis of HRV signals characterized by predetermined time-frequency structure by means of time-varying ARMA models. <i>Biomedical Signal Processing and Control</i> , 2012, 7, 141-150.	5.7	23
12	Understanding Atrial Fibrillation: The Signal Processing Contribution, Part II. <i>Synthesis Lectures on Biomedical Engineering</i> , 2008, 3, 1-139.	0.1	17
13	The fractal dimension approach in posture: a comparison between Down and Prader-Willi syndrome patients. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2014, 17, 1535-1541.	1.6	9
14	Biomedical Signal and Image Processing. <i>IEEE Pulse</i> , 2011, 2, 41-54.	0.3	8