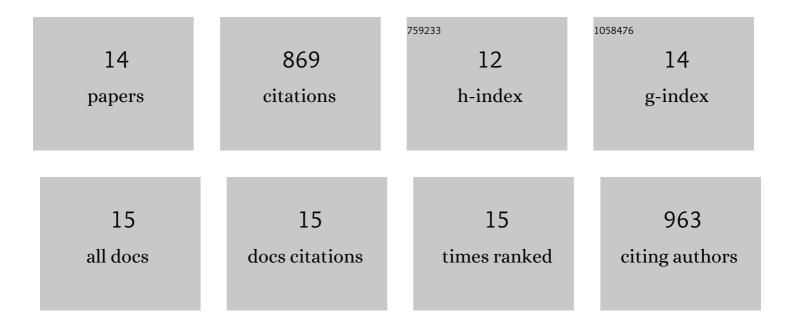
Luca Mainardi

List of Publications by Year in descending order

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