

Andrea Faini

List of Publications by Year in descending order

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Version: 2024-02-01

137
papers

3,562
citations

159585

30
h-index

161849

54
g-index

140
all docs

140
docs citations

140
times ranked

4599
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Biology Research Meets Pathophysiology and Therapeutic Mechanisms: A Biomedical Perspective. <i>Quantum Reports</i> , 2022, 4, 148-172.	1.3	6
2	Heart Rate Variability from Wearable Photoplethysmography Systems: Implications in Sleep Studies at High Altitude. <i>Sensors</i> , 2022, 22, 2891.	3.8	6
3	Age matters: differences in exercise-induced cardiovascular remodelling in young and middle aged healthy sedentary individuals. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 738-746.	1.8	10
4	Impact of Sleep Apnea on Cardioembolic Risk in Patients With Atrial Fibrillation. <i>Stroke</i> , 2021, 52, 712-715.	2.0	10
5	Comment on "Modified multiscale fuzzy entropy: A robust method for short-term physiologic signals" [Chaos 30, 083135 (2020)]. <i>Chaos</i> , 2021, 31, 018103.	2.5	1
6	ESTIMATION OF MEAN ARTERIAL PRESSURE BY THE ANALYSIS OF BRACHIAL PULSE WAVEFORM RECORDED BY APPLANATION TONOMETRY AND COMPARISON WITH CURRENTLY USED ALGORITHMS. <i>Journal of Hypertension</i> , 2021, 39, e125-e126.	0.5	1
7	Current Limitations of Invasive Exercise Hemodynamics for the Diagnosis of Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2021, 14, e007555.	3.9	28
8	May Measurement Month 2019: an analysis of blood pressure screening results from Italy. <i>European Heart Journal Supplements</i> , 2021, 23, B77-B81.	0.1	4
9	Impact of COVID-19 on exercise pathophysiology: a combined cardiopulmonary and echocardiographic exercise study. <i>Journal of Applied Physiology</i> , 2021, 130, 1470-1478.	2.5	106
10	Blood Pressure Response in Miners Exposed to Chronic Intermittent Hypoxia in Chile. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 701961.	2.4	6
11	A Breathtaking Lift: Sex and Body Mass Index Differences in Cardiopulmonary Response in a Large Cohort of Unselected Subjects with Acute Exposure to High Altitude. <i>High Altitude Medicine and Biology</i> , 2021, 22, 379-385.	0.9	5
12	Multiscale assessment of the degree of multifractality for physiological time series. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200254.	3.4	6
13	Multifractal and Multiscale Detrended Fluctuation Analysis of Cardiovascular Signals: how the Estimation Bias Affects Short-Term Coefficients and a Way to mitigate this Error. , 2021, 2021, 257-260.		1
14	Effects of acute exposure to moderate altitude on blood pressure and sleep breathing patterns. <i>International Journal of Cardiology</i> , 2020, 301, 173-179.	1.7	17
15	Mean arterial pressure estimated by brachial pulse wave analysis and comparison with currently used algorithms. <i>Journal of Hypertension</i> , 2020, 38, 2161-2168.	0.5	26
16	May Measurement Month 2018: an analysis of blood pressure screening results from Italy. <i>European Heart Journal Supplements</i> , 2020, 22, H70-H73.	0.1	4
17	Haemodynamic characteristics of COVID-19 patients with acute respiratory distress syndrome requiring mechanical ventilation. An invasive assessment using right heart catheterization. <i>European Journal of Heart Failure</i> , 2020, 22, 2228-2237.	7.1	74
18	Nocturnal Arrhythmias and Heart Rate Swings in Patients With Obstructive Sleep Apnea Syndrome Treated With Beta Blockers. <i>Journal of the American Heart Association</i> , 2020, 9, e015926.	3.7	4

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19	Sex Differences in Heart Rate Nonlinearity by Multifractal Multiscale Detrended Fluctuation Analysis. , 2020, 2020, 710-713.		0
20	Comparing Multiscale Estimators of the Degree of Multifractality by Detrended Fluctuation Analysis. , 2020, , .		0
21	Day and Night Changes of Cardiovascular Complexity: A Multi-Fractal Multi-Scale Analysis. Entropy, 2020, 22, 462.	2.2	9
22	Sleep-induced HRV changes and OSA in the ESADA cohort. , 2020, , .		1
23	Exercise-induced changes in pulmonary artery wedge pressure: insights from heart failure with preserved ejection fraction. , 2020, , .		0
24	Information-Domain Analysis of Cardiovascular Complexity: Night and Day Modulations of Entropy and the Effects of Hypertension. Entropy, 2019, 21, 550.	2.2	21
25	A Fast DFA Algorithm for Multifractal Multiscale Analysis of Physiological Time Series. Frontiers in Physiology, 2019, 10, 115.	2.8	33
26	Closed-Loop Cardiovascular Interactions and the Baroreflex Cardiac Arm: Modulations Over the 24 h and the Effect of Hypertension. Frontiers in Physiology, 2019, 10, 477.	2.8	12
27	Decomposing the complexity of heart-rate variability by the multifractalâ€“multiscale approach to detrended fluctuation analysis: an application to low-level spinal cord injury. Physiological Measurement, 2019, 40, 084003.	2.1	9
28	Can the Detrended Fluctuation Analysis Reveal Nonlinear Components of Heart Rate Variability? , 2019, 2019, 6351-6354.		5
29	Noninvasive versus invasive pressureâ€“flow relationship of the pulmonary circulation: bias and error. European Respiratory Journal, 2019, 54, 1900881.	6.7	8
30	Assessment of Ultra-Short Heart Variability Indices Derived by Smartphone Accelerometers for Stress Detection. Sensors, 2019, 19, 3729.	3.8	22
31	Noninvasive Estimation of Aortic Stiffness Through Different Approaches. Hypertension, 2019, 74, 117-129.	2.7	89
32	Nation-wide hypertension screening in Italy: data from May Measurements Month 2017â€“Europe. European Heart Journal Supplements, 2019, 21, D66-D70.	0.1	16
33	Unreliable Estimation of Aortic Pulse Wave Velocity Provided by the Mobilâ€“Graph Algorithmâ€“Based System in Marfan Syndrome. Journal of the American Heart Association, 2019, 8, e04028.	3.7	23
34	Alterations of Cardiovascular Complexity during Acute Exposure to High Altitude: A Multiscale Entropy Approach. Entropy, 2019, 21, 1224.	2.2	6
35	RELATIONSHIP BETWEEN SLEEP BREATHING PATTERNS AND BLOOD PRESSURE CHANGES DURING ACUTE HIGH ALTITUDE EXPOSURE. DATA FROM HIGHCARE STUDIES. Journal of Hypertension, 2019, 37, e39-e40.	0.5	0
36	Reduction of 24-h blood pressure variability in extreme obese patients 10â€“days and 6â€“months after bariatric surgery depending on pre-existing hypertension. European Journal of Internal Medicine, 2019, 60, 39-45.	2.2	14

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37	Sexuality and intimacy in ALS: systematic literature review and future perspectives. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 712-719.	1.9	10
38	Impact of obstructive sleep apnea on cardiac organ damage in patients with acute ischemic stroke. <i>Journal of Hypertension</i> , 2018, 36, 1351-1359.	0.5	7
39	Short-Term Repeatability of Noninvasive Aortic Pulse Wave Velocity Assessment: Comparison Between Methods and Devices. <i>American Journal of Hypertension</i> , 2018, 31, 80-88.	2.0	50
40	CENTRAL SLEEP APNEAS AND BLOOD PRESSURE DURING ACUTE EXPOSURE TO MODERATE ALTITUDE. <i>Journal of Hypertension</i> , 2018, 36, e82.	0.5	0
41	P48 COMPARISON BETWEEN INVASIVE AND NON-INVASIVE METHODS: TO EVALUATE AORTIC STIFFNESS BY PULSE WAVE VELOCITY. <i>Artery Research</i> , 2018, 24, 92.	0.6	0
42	Psychological Profile in Coronary Artery By-Pass Graft Patients vs. Valve Replacement Patients Entering Cardiac Rehabilitation after Surgery. <i>Scientific Reports</i> , 2018, 8, 14381.	3.3	12
43	The Arrows and Colors Cognitive Test (ACCT): A new verbal-motor free cognitive measure for executive functions in ALS. <i>PLoS ONE</i> , 2018, 13, e0200953.	2.5	15
44	Effects on 24-hour blood pressure variability of ace-inhibition and calcium channel blockade as monotherapy or in combination. <i>Scientific Reports</i> , 2018, 8, 13779.	3.3	8
45	Increase in slow-wave vasomotion by hypoxia and ischemia in lowlanders and highlanders. <i>Journal of Applied Physiology</i> , 2018, 125, 780-789.	2.5	15
46	Heart failure and sleep related breathing disorders: Data from PROMISES (Progetto Multicentrico) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	8
47	Cognitive-behavioral longitudinal assessment in ALS: the Italian Edinburgh Cognitive and Behavioral ALS screen (ECAS). <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2018, 19, 387-395.	1.7	34
48	Corrigendum to "Multifractal-Multiscale Analysis of Cardiovascular Signals: A DFA-Based Characterization of Blood Pressure and Heart-Rate Complexity by Gender" Complexity, 2018, 2018, 1-1.	1.6	3
49	Multifractal-Multiscale Analysis of Cardiovascular Signals: A DFA-Based Characterization of Blood Pressure and Heart-Rate Complexity by Gender. <i>Complexity</i> , 2018, 2018, 1-14.	1.6	20
50	The Complex Interplay Between Depression/Anxiety and Executive Functioning: Insights From the ECAS in a Large ALS Population. <i>Frontiers in Psychology</i> , 2018, 9, 450.	2.1	14
51	Systolic time intervals assessed from analysis of the carotid pressure waveform. <i>Physiological Measurement</i> , 2018, 39, 084002.	2.1	9
52	COMPARISON BETWEEN AORTIC PULSE WAVE VELOCITY MEASURED INVASIVELY AND NON-INVASIVELY BY EIGHT DIFFERENT DEVICES. <i>Journal of Hypertension</i> , 2018, 36, e199-e200.	0.5	1
53	Role of T1 mapping as a complementary tool to T2* for non-invasive cardiac iron overload assessment. <i>PLoS ONE</i> , 2018, 13, e0192890.	2.5	51
54	NON-INVASIVE MEASUREMENT OF AORTIC PULSE WAVE VELOCITY. <i>Journal of Hypertension</i> , 2018, 36, e199.	0.5	1

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55	Upward Shift and Steepening of the Blood Pressure Response to Exercise in Hypertensive Subjects at High Altitude. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	8
56	Clinical phenotypes and outcomes of pulmonary hypertension due to left heart disease: Role of the pre-capillary component. <i>PLoS ONE</i> , 2018, 13, e0199164.	2.5	29
57	Awareness of hypertension consequences is less than awareness of risk factors for hypertension. <i>Journal of Cardiovascular Medicine</i> , 2017, 18, 563-565.	1.5	5
58	Impact of cuff positioning on blood pressure measurement accuracy: may a specially designed cuff make a difference?. <i>Hypertension Research</i> , 2017, 40, 573-580.	2.7	31
59	An eye-tracking controlled neuropsychological battery for cognitive assessment in neurological diseases. <i>Neurological Sciences</i> , 2017, 38, 595-603.	1.9	17
60	An eye-tracker controlled cognitive battery: overcoming verbal-motor limitations in ALS. <i>Journal of Neurology</i> , 2017, 264, 1136-1145.	3.6	27
61	Improvement in aerobic capacity during cardiac rehabilitation in coronary artery disease patients: Is there a role for autonomic adaptations?. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 357-364.	1.8	18
62	Renin-“Angiotensin”-Aldosterone System Is Not Involved in the Arterial Stiffening Induced by Acute and Prolonged Exposure to High Altitude. <i>Hypertension</i> , 2017, 70, 75-84.	2.7	12
63	Influence of carotid atherosclerotic plaques on pulse wave assessment with arterial tonometry. <i>Journal of Hypertension</i> , 2017, 35, 1609-1617.	0.5	9
64	Cardiovascular risk and hypertension control in Italy. Data from the 2015 World Hypertension Day. <i>International Journal of Cardiology</i> , 2017, 243, 529-532.	1.7	17
65	Pulmonary hypertension and ventilation during exercise: Role of the pre-capillary component. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 754-762.	0.6	49
66	Self-Similarity and Detrended Fluctuation Analysis of Cardiovascular Signals. , 2017, , 197-232.		8
67	P129 SHORT-TERM REPEATABILITY OF NON-INVASIVE AORTIC PULSE WAVE VELOCITY MEASURES. <i>Artery Research</i> , 2017, 20, 81.	0.6	0
68	Impaired Central Pulsatile Hemodynamics in Children and Adolescents With Marfan Syndrome. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	10
69	006...Role of T1 mapping as a complementary tool to T2* for non-invasive cardiac iron overload assessment. <i>Heart</i> , 2017, 103, A6.1-A6.	2.9	1
70	Multifractal multiscale dfa of cardiovascular time series: Differences in complex dynamics of systolic blood pressure, diastolic blood pressure and heart rate. , 2017, 2017, 3477-3480.		2
71	Multiscale sample entropy of heart rate and blood pressure: Methodological aspects. , 2017, 2017, 3134-3137.		1
72	Cognitive-constructivist Approach in Medical Settings: The Use of Personal Meaning Questionnaire for Neurological Patients”™ Personality Investigation. <i>Frontiers in Psychology</i> , 2017, 08, 582.	2.1	4

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73	Multiscale Sample Entropy of Cardiovascular Signals: Does the Choice between Fixed- or Varying-Tolerance among Scales Influence Its Evaluation and Interpretation?. <i>Entropy</i> , 2017, 19, 590.	2.2	19
74	Brain-Computer Interface for Clinical Purposes: Cognitive Assessment and Rehabilitation. <i>BioMed Research International</i> , 2017, 2017, 1-11.	1.9	83
75	Clinical phenotypes and outcomes of pulmonary hypertension due to left heart disease: role of the pre-capillary component. , 2017, , .		0
76	Cognitive assessment in Amyotrophic Lateral Sclerosis by means of P300-Brain Computer Interface: a preliminary study. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2016, 17, 473-481.	1.7	12
77	Role of acetazolamide and telmisartan/nifedipine-GITS combination in antagonizing the blood pressure rise induced by high altitude exposure. <i>International Journal of Cardiology</i> , 2016, 225, 324-326.	1.7	4
78	Hemodynamic and Autonomic Response to Different Salt Intakes in Normotensive Individuals. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	20
79	An ICT and mobile health integrated approach to optimize patients' education on hypertension and its management by physicians: The Patients Optimal Strategy of Treatment(POST) pilot study. , 2016, 2016, 517-520.		24
80	[OP.8B.01] PERIODIC LIMB MOVEMENT DURING SLEEP, SLEEP RELATED BREATHING DISORDERS AND HYPERTENSION IN THE ESADA COHORT. <i>Journal of Hypertension</i> , 2016, 34, e100.	0.5	0
81	[PP.LB02.01] DETERMINANTS OF DIFFERENT BLOOD PRESSURE VARIABILITY INDICES IN UNTREATED HYPERTENSIVE PATIENTS. DATA FROM THE DUBLIN STUDY. <i>Journal of Hypertension</i> , 2016, 34, e280.	0.5	0
82	[PP.LB02.03] IMPACT OF CUFF POSITIONING ON BLOOD PRESSURE MEASUREMENT ACCURACY. MAY A SPECIALLY DESIGNED CUFF MAKE A DIFFERENCE?. <i>Journal of Hypertension</i> , 2016, 34, e280-e281.	0.5	0
83	[PP.LB02.04] PREVALENCE OF HYPERTENSION AND CARDIOVASCULAR RISK FACTORS IN CHINESE MIGRATING TO MILAN AS COMPARED TO A NORTHERN ITALIAN POPULATION. <i>Journal of Hypertension</i> , 2016, 34, e281.	0.5	0
84	Blood pressure response to six-minute walk test in hypertensive subjects exposed to high altitude: effects of antihypertensive combination treatment. <i>International Journal of Cardiology</i> , 2016, 219, 27-32.	1.7	16
85	The validation of the Italian Edinburgh Cognitive and Behavioural ALS Screen (ECAS). <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2016, 17, 489-498.	1.7	125
86	Effects of hypobaric hypoxia exposure at high altitude on left ventricular twist in healthy subjects: data from HIGHCARE study on Mount Everest. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 635-643.	1.2	27
87	Role of T1 Mapping As a Complementary Tool to T2* for Cardiac Iron Overload Assessment. <i>Blood</i> , 2016, 128, 3624-3624.	1.4	0
88	Sex and Acetazolamide Effects on Chemoreflex and Periodic Breathing During Sleep at Altitude. <i>Chest</i> , 2015, 147, 120-131.	0.8	46
89	5C.02. <i>Journal of Hypertension</i> , 2015, 33, e68.	0.5	1
90	PP.LB03.23. <i>Journal of Hypertension</i> , 2015, 33, e523.	0.5	0

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91	PP.17.19. Journal of Hypertension, 2015, 33, e286-e287.	0.5	0
92	3A.01. Journal of Hypertension, 2015, 33, e31.	0.5	3
93	Blood Pressure Response to Exercise in Hypertensive Subjects Exposed to High Altitude and Treatment Effects. Journal of the American College of Cardiology, 2015, 66, 2806-2807.	2.8	12
94	Ambulatory Blood Pressure in Untreated and Treated Hypertensive Patients at High Altitude. Hypertension, 2015, 65, 1266-1272.	2.7	60
95	Diastolic dysfunction in controlled hypertensive patients with mild to moderate obstructive sleep apnea. International Journal of Cardiology, 2015, 187, 686-692.	1.7	19
96	Cardiac index assessment: Validation of a new non-invasive very low current thoracic bioimpedance device by thermodilution. Blood Pressure, 2014, 23, 102-108.	1.5	16
97	Assessing the convolutedness of multivariate physiological time series. , 2014, 2014, 6024-7.		0
98	Characterization of apnea events in sleep breathing disorder by local assessment of the fractal dimension of heart rate. , 2014, , .		0
99	Fractal characteristics of blood pressure and heart rate from ambulatory blood pressure monitored over 24 hours. , 2014, , .		1
100	Ischemic changes in exercise ECG in a hypertensive subject acutely exposed to high altitude. Possible role of a high-altitude induced imbalance in myocardial oxygen supply to demand. International Journal of Cardiology, 2014, 171, e100-e102.	1.7	25
101	Changes in 24 h ambulatory blood pressure and effects of angiotensin II receptor blockade during acute and prolonged high-altitude exposure: a randomized clinical trial. European Heart Journal, 2014, 35, 3113-3122.	2.2	97
102	Fractal analysis of cardiorespiratory signals for sleep stage classification. , 2014, , .		2
103	Acute high-altitude exposure reduces lung diffusion: Data from the HIGHCARE Alps project. Respiratory Physiology and Neurobiology, 2013, 188, 223-228.	1.6	42
104	Wearable seismocardiography: Towards a beat-by-beat assessment of cardiac mechanics in ambulant subjects. Autonomic Neuroscience: Basic and Clinical, 2013, 178, 50-59.	2.8	134
105	Effects of acetazolamide on central blood pressure, peripheral blood pressure, and arterial distensibility at acute high altitude exposure. European Heart Journal, 2013, 34, 759-766.	2.2	74
106	Changes in Subendocardial Viability Ratio With Acute High-Altitude Exposure and Protective Role of Acetazolamide. Hypertension, 2013, 61, 793-799.	2.7	38
107	High-altitude hypoxia and periodic breathing during sleep: gender-related differences. Journal of Sleep Research, 2013, 22, 322-330.	3.2	82
108	Glucose Tolerance and Weight Loss in Obese Women with Obstructive Sleep Apnea. PLoS ONE, 2013, 8, e61382.	2.5	11

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109	Relationship Between Short-Term Blood Pressure Variability and Large-Artery Stiffness in Human Hypertension. <i>Hypertension</i> , 2012, 60, 369-377.	2.7	236
110	Seismocardiography while sleeping at high altitude. , 2012, 2012, 3793-6.		8
111	Effects of Beta-Blockade on Exercise Performance at High Altitude: A Randomized, Placebo-Controlled Trial Comparing the Efficacy of Nebivolol versus Carvedilol in Healthy Subjects. <i>Cardiovascular Therapeutics</i> , 2012, 30, 240-248.	2.5	30
112	Effects of Slow Deep Breathing at High Altitude on Oxygen Saturation, Pulmonary and Systemic Hemodynamics. <i>PLoS ONE</i> , 2012, 7, e49074.	2.5	51
113	Effects of selective and nonselective beta-blockade on 24-h ambulatory blood pressure under hypobaric hypoxia at altitude. <i>Journal of Hypertension</i> , 2011, 29, 380-387.	0.5	41
114	Modulation of hepcidin production during hypoxia-induced erythropoiesis in humans in vivo: data from the HIGHCARE project. <i>Blood</i> , 2011, 117, 2953-2959.	1.4	128
115	Cardiac sounds from a wearable device for sternal seismocardiography. , 2011, 2011, 4283-6.		31
116	A wearable system for the seismocardiogram assessment in daily life conditions. , 2011, 2011, 4263-6.		37
117	High-altitude exposure of three weeks duration increases lung diffusing capacity in humans. <i>Journal of Applied Physiology</i> , 2011, 110, 1564-1571.	2.5	45
118	Linear and Fractal Heart Rate Dynamics during Sleep at High Altitude. <i>Methods of Information in Medicine</i> , 2010, 49, 521-525.	1.2	14
119	A New Solar-Powered Blood Pressure Measuring Device for Low-Resource Settings. <i>Hypertension</i> , 2010, 56, 1047-1053.	2.7	29
120	Continuous positive airway pressure increases haemoglobin O2 saturation after acute but not prolonged altitude exposure. <i>European Heart Journal</i> , 2010, 31, 457-463.	2.2	26
121	Aberrant GM-CSF signal transduction pathway in juvenile myelomonocytic leukemia assayed by flow cytometric intracellular STAT5 phosphorylation measurement. <i>Leukemia</i> , 2009, 23, 791-793.	7.2	25
122	Prednisone induces immunophenotypic modulation of CD10 and CD34 in nonapoptotic B-cell precursor acute lymphoblastic leukemia cells. <i>Cytometry Part B - Clinical Cytometry</i> , 2008, 74B, 150-155.	1.5	51
123	Heart Rate Monitoring and Control in Altered Gravity Conditions. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 6682-5.	0.5	6
124	Wearable Seismocardiography. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 3954-7.	0.5	116
125	Accuracy of blood pressure measurement: sphygmomanometer calibration and beyond. <i>Journal of Hypertension</i> , 2006, 24, 1915-1918.	0.5	11
126	Blood pressure variability: Its measurement and significance in hypertension. <i>Current Hypertension Reports</i> , 2006, 8, 199-204.	3.5	105

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127	Drug-induced immunophenotypic modulation in childhood ALL: implications for minimal residual disease detection. <i>Leukemia</i> , 2005, 19, 49-56.	7.2	129
128	Prevalence of Atrial Fibrillation and Associated Factors in a Population of Long-Term Hemodialysis Patients. <i>American Journal of Kidney Diseases</i> , 2005, 46, 897-902.	1.9	233
129	Maternal perception of excess weight in children: A survey conducted by paediatricians in the province of Milan. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2005, 94, 747-752.	1.5	57
130	Endothelial cells as early sensors of pulmonary interstitial edema. <i>Journal of Applied Physiology</i> , 2004, 97, 1575-1583.	2.5	49
131	Respiratory Frequency Estimation from Accelerometric Signals Acquired by Mobile Phone in a Controlled Breathing Protocol. , 0, , .		1
132	The Heart Rate Variability Multifractality Spectrum and not the Power Spectrum is Altered in Paraplegic Individuals With Low-Level Lesion. , 0, , .		0
133	Effects of ECG Sampling Frequency on the Multiscale Entropy of Heart Rate Variability. , 0, , .		0
134	Are Inter-Beat Intervals from Blood Pressure a Valid Alternative to R-R Intervals for the Multiscale Entropy Analysis of Heart Rate Variability?. , 0, , .		0
135	Cepstral Analysis for Scoring the Quality of Electrocardiograms for Heart Rate Variability. <i>Frontiers in Physiology</i> , 0, 13, .	2.8	0
136	Heart Rate Variability for the Early Detection of Cardiac Autonomic Dysfunction in Type 1 Diabetes. <i>Frontiers in Physiology</i> , 0, 13, .	2.8	5
137	Smartwatch-Based Blood Pressure Measurement Demonstrates Insufficient Accuracy. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	13