

Alan Murray

List of Publications by Year in descending order

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140
papers

4,132
citations

145106

33
h-index

156644

58
g-index

143
all docs

143
docs citations

143
times ranked

4519
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated oscillometric™ blood pressure measuring devices: how they work and what they measure. <i>Journal of Human Hypertension</i> , 2023, 37, 93-100.	1.0	10
2	Cuffless blood pressure measuring devices: review and statement by the European Society of Hypertension Working Group on Blood Pressure Monitoring and Cardiovascular Variability. <i>Journal of Hypertension</i> , 2022, 40, 1449-1460.	0.3	65
3	Influence of Finger Movement on the Stability of the Oscillometric Pulse Waveform for Blood Pressure Measurement. , 2021, , .		0
4	Age-related changes in pulse risetime measured by multi-site photoplethysmography. <i>Physiological Measurement</i> , 2020, 41, 074001.	1.2	19
5	A Novel Translational Ovine Pulmonary Adenocarcinoma Model for Human Lung Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 534.	1.3	11
6	Ovine Pulmonary Adenocarcinoma: A Unique Model to Improve Lung Cancer Research. <i>Frontiers in Oncology</i> , 2019, 9, 335.	1.3	21
7	Development and characterisation of acquired radioresistant breast cancer cell lines. <i>Radiation Oncology</i> , 2019, 14, 64.	1.2	72
8	Preclinical Organotypic Models for the Assessment of Novel Cancer Therapeutics and Treatment. <i>Current Topics in Microbiology and Immunology</i> , 2019, , 225.	0.7	1
9	Biocompatibility of common implantable sensor materials in a tumor xenograft model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1620-1633.	1.6	16
10	Effect of Ectopic Beats on Heart Rate Variability Indices in Heart Failure Patients. <i>IFMBE Proceedings</i> , 2019, , 361-365.	0.2	3
11	A universal standard for the validation of blood pressure measuring devices. <i>Journal of Hypertension</i> , 2018, 36, 472-478.	0.3	135
12	A Universal Standard for the Validation of Blood Pressure Measuring Devices. <i>Hypertension</i> , 2018, 71, 368-374.	1.3	257
13	Comparison of time-domain, frequency-domain and non-linear analysis for distinguishing congestive heart failure patients from normal sinus rhythm subjects. <i>Biomedical Signal Processing and Control</i> , 2018, 42, 30-36.	3.5	35
14	Effect of Respiration on the Characteristic Ratios of Oscillometric Pulse Amplitude Envelope in Blood Pressure Measurement. , 2018, 2018, 3646-3649.		2
15	Innovative multi-site photoplethysmography measurement and analysis demonstrating increased arterial stiffness in paediatric heart transplant recipients. <i>Physiological Measurement</i> , 2018, 39, 074007.	1.2	16
16	Heart sound classification from unsegmented phonocardiograms. <i>Physiological Measurement</i> , 2017, 38, 1658-1670.	1.2	54
17	Applications of Complexity Analysis in Clinical Heart Failure. , 2017, , 301-325.		5
18	Variation of the Korotkoff Stethoscope Sounds During Blood Pressure Measurement: Analysis Using a Convolutional Neural Network. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2017, 21, 1593-1598.	3.9	21

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19	False alarms during patient monitoring in clinical intensive care units are highly related to poor quality of the monitored electrocardiogram signals. <i>Physiological Measurement</i> , 2016, 37, 1383-1391.	1.2	9
20	A method for extracting respiratory frequency during blood pressure measurement, from oscillometric cuff pressure pulses and Korotkoff sounds recorded during the measurement. , 2016, 2016, 4268-4271.		2
21	Respiratory modulation of oscillometric cuff pressure pulses and Korotkoff sounds during clinical blood pressure measurement in healthy adults. <i>BioMedical Engineering OnLine</i> , 2016, 15, 53.	1.3	9
22	Comparison of stethoscope bell and diaphragm, and of stethoscope tube length, for clinical blood pressure measurement. <i>Blood Pressure Monitoring</i> , 2016, 21, 178-183.	0.4	14
23	Effect of catheter ablation on quality of life in patients with atrial fibrillation and its correlation with arrhythmia outcome. <i>Open Heart</i> , 2015, 2, e000302.	0.9	19
24	Arteries Stiffen With Age, but Can Retain an Ability to Become More Elastic With Applied External Cuff Pressure. <i>Medicine (United States)</i> , 2015, 94, e1831.	0.4	8
25	The U wave in atrial fibrillation. , 2015, , .		2
26	Reliability of clinical alarm detection in intensive care units. , 2015, , .		5
27	Need for re-validation of automated blood pressure devices for use in unstable conditions. , 2015, , .		0
28	Comparison of repeatability of blood pressure measurements between oscillometric and auscultatory methods. , 2015, , .		6
29	Principal component analysis of atrial fibrillation: Inclusion of posterior ECG leads does not improve correlation with left atrial activity. <i>Medical Engineering and Physics</i> , 2015, 37, 251-255.	0.8	5
30	Cardiac Iodine-123-Meta-Iodo-Benzylguanidine Uptake in Carotid Sinus Hypersensitivity. <i>PLoS ONE</i> , 2015, 10, e0126241.	1.1	3
31	Extracting fetal heart beats from maternal abdominal recordings: selection of the optimal principal components. <i>Physiological Measurement</i> , 2014, 35, 1649-1664.	1.2	18
32	Does the Position or Contact Pressure of the Stethoscope Make Any Difference to Clinical Blood Pressure Measurements. <i>Medicine (United States)</i> , 2014, 93, e301.	0.4	11
33	In response. <i>Blood Pressure Monitoring</i> , 2014, 19, 120-121.	0.4	1
34	Electrocardiographic Reference Values for a Population of Older Adults in Sub-Saharan Africa. <i>Annals of Noninvasive Electrocardiology</i> , 2014, 19, 34-42.	0.5	10
35	Novel photoplethysmography cardiovascular assessments in patients with Raynaud's phenomenon and systemic sclerosis: a pilot study. <i>Rheumatology</i> , 2014, 53, 1855-1863.	0.9	29
36	Effect of respiration on Korotkoff sounds and oscillometric cuff pressure pulses during blood pressure measurement. <i>Medical and Biological Engineering and Computing</i> , 2014, 52, 467-73.	1.6	19

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37	Non-Invasive Estimation Of Left Atrial Dominant Frequency In Atrial Fibrillation From Different Electrode Sites: Insight From Body Surface Potential Mapping. Journal of Atrial Fibrillation, 2014, 7, 1131.	0.5	4
38	Design, Development, Training and Use of Medical Devices; with Practical Examples from Cardiovascular Medicine and Surgery. IFMBE Proceedings, 2014, , 3-6.	0.2	1
39	Elastic properties of peripheral arteries in heart failure patients in comparison with normal subjects. Journal of Physiological Sciences, 2013, 63, 195-201.	0.9	11
40	Modeling carotid and radial artery pulse pressure waveforms by curve fitting with Gaussian functions. Biomedical Signal Processing and Control, 2013, 8, 449-454.	3.5	61
41	Effect of mechanical behaviour of the brachial artery on blood pressure measurement during both cuff inflation and cuff deflation. Blood Pressure Monitoring, 2013, 18, 265-271.	0.4	16
42	Comparison of Body Surface and Intracardiac ECG Recordings in Patients with Atrial Fibrillation during Electrophysiological Studies. IFMBE Proceedings, 2013, , 612-615.	0.2	0
43	Cardiovascular System Modeling. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-2.	0.7	3
44	Chronic fatigue syndrome and impaired peripheral pulse characteristics on orthostasisâ€“a new potential diagnostic biomarker. Physiological Measurement, 2012, 33, 231-241.	1.2	30
45	Laser Doppler assessment of dermal circulatory changes in people with coronary artery disease. Microvascular Research, 2012, 84, 55-59.	1.1	34
46	Evaluation of an algorithm based on single-condition decision rules for binary classification of 12-lead ambulatory ECG recording quality. Physiological Measurement, 2012, 33, 1435-1448.	1.2	31
47	Spatial Pattern of P Waves in Paroxysmal Atrial Fibrillation Patients in Sinus Rhythm and Controls. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 819-826.	0.5	4
48	An Implementation of a Spike-Response Model With Escape Noise Using an Avalanche Diode. IEEE Transactions on Biomedical Circuits and Systems, 2011, 5, 231-243.	2.7	5
49	How Important is the Recommended Slow Cuff Pressure Deflation Rate for Blood Pressure Measurement?. Annals of Biomedical Engineering, 2011, 39, 2584-2591.	1.3	23
50	Estimation of mean arterial pressure from the oscillometric cuff pressure: comparison of different techniques. Medical and Biological Engineering and Computing, 2011, 49, 33-39.	1.6	31
51	Heart rate and blood pressure interactions during attempts to consciously raise or lower heart rate and blood pressure in normotensive subjects. Physiological Measurement, 2011, 32, 359-367.	1.2	5
52	Peripheral arterial volume distensibility: significant differences with age and blood pressure measured using an applied external pressure. Physiological Measurement, 2011, 32, 499-512.	1.2	23
53	Principal Component Analysis as a Tool for Analyzing Beat-to-Beat Changes in ECG Features: Application to ECG-Derived Respiration. IEEE Transactions on Biomedical Engineering, 2010, 57, 821-829.	2.5	140
54	Circadian variation of human ventricular fibrillation dominant frequency. Resuscitation, 2010, 81, 950-955.	1.3	1

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55	Neuromorphic Circuit Implementation of Isotropic Sequence Order Learning. , 2010, , .		0
56	Comparative reproducibility of dermal microvascular blood flow changes in response to acetylcholine iontophoresis, hyperthermia and reactive hyperaemia. <i>Physiological Measurement</i> , 2010, 31, 1-11.	1.2	136
57	Results of carotid sinus massage in a tertiary referral unit—is carotid sinus syndrome still relevant?. <i>Age and Ageing</i> , 2009, 38, 680-686.	0.7	22
58	Microvascular optical assessment confirms the presence of peripheral autonomic dysfunction in primary biliary cirrhosis. <i>Liver International</i> , 2009, 29, 1467-1472.	1.9	15
59	Non-invasive quantification of peripheral arterial volume distensibility and its non-linear relationship with arterial pressure. <i>Journal of Biomechanics</i> , 2009, 42, 1032-1037.	0.9	37
60	Increased Pulse Wave Velocity and Blood Pressure in Children Who Have Undergone Cardiac Transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2009, 28, 21-25.	0.3	23
61	A prospective comparison of bilateral photoplethysmography versus the ankle-brachial pressure index for detecting and quantifying lower limb peripheral arterial disease. <i>Journal of Vascular Surgery</i> , 2008, 47, 794-802.	0.6	92
62	Determination of aortic valve opening time and left ventricular peak filling rate from the peripheral pulse amplitude in patients with ectopic beats. <i>Physiological Measurement</i> , 2008, 29, 1411-1419.	1.2	8
63	Automatic blood pressure measurement: the oscillometric waveform shape is a potential contributor to differences between oscillometric and auscultatory pressure measurements. <i>Journal of Hypertension</i> , 2008, 26, 35-43.	0.3	48
64	We need to develop wider vision to reduce errors. <i>BMJ: British Medical Journal</i> , 2008, 337, a1500-a1500.	2.4	1
65	Non-invasive in vivo assessment of changes in peripheral arterial properties with estimation of arterial volume compliance. <i>Physiological Measurement</i> , 2007, 28, 1317-1327.	1.2	17
66	Validation of oscillometric noninvasive blood pressure measurement devices using simulators. <i>Blood Pressure Monitoring</i> , 2007, 12, 251-253.	0.4	18
67	Effect of the shapes of the oscillometric pulse amplitude envelopes and their characteristic ratios on the differences between auscultatory and oscillometric blood pressure measurements. <i>Blood Pressure Monitoring</i> , 2007, 12, 297-305.	0.4	32
68	Photoplethysmography Assessments in Cardiovascular Disease. <i>Measurement and Control</i> , 2006, 39, 80-83.	0.9	26
69	Can a simulator that regenerates physiological waveforms evaluate oscillometric non-invasive blood pressure devices?. <i>Blood Pressure Monitoring</i> , 2006, 11, 63-67.	0.4	24
70	Comparison of Atrial Signal Extraction Algorithms in 12-Lead ECGs With Atrial Fibrillation. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, 53, 343-346.	2.5	61
71	Comparison of magnetocardiography and electrocardiography: a study of automatic measurement of dispersion of ventricular repolarization. <i>Europace</i> , 2006, 8, 887-893.	0.7	29
72	Analysis of surface electrocardiograms in atrial fibrillation: techniques, research, and clinical applications. <i>Europace</i> , 2006, 8, 911-926.	0.7	175

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73	Thermography and colour duplex ultrasound assessments of arterio-venous fistula function in renal patients. <i>Physiological Measurement</i> , 2006, 27, 51-60.	1.2	18
74	Recommendations for blood pressure measuring devices for office/clinic use in low resource settings. <i>Blood Pressure Monitoring</i> , 2005, 10, 3-10.	0.4	48
75	Automated non-invasive blood pressure devices: are they suitable for use?. <i>Blood Pressure Monitoring</i> , 2005, 10, 275-281.	0.4	21
76	Surface Atrial Frequency Analysis in Patients with Atrial Fibrillation: Assessing the Effects of Linear Left Atrial Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2005, 16, 838-844.	0.8	29
77	Effects of External Pressure on Arteries Distal to the Cuff During Sphygmomanometry. <i>IEEE Transactions on Biomedical Engineering</i> , 2005, 52, 1120-1127.	2.5	17
78	Time for reflection. <i>Medical and Biological Engineering and Computing</i> , 2005, 43, 1-1.	1.6	11
79	Time for change. <i>Medical and Biological Engineering and Computing</i> , 2005, 43, 693-693.	1.6	0
80	Photoplethysmography detection of lower limb peripheral arterial occlusive disease: a comparison of pulse timing, amplitude and shape characteristics. <i>Physiological Measurement</i> , 2005, 26, 811-821.	1.2	95
81	Autonomic Function Is Impaired in Elderly Stroke Survivors. <i>Stroke</i> , 2005, 36, 1026-1030.	1.0	96
82	Assessment of a technique to determine the mechanical properties of coronary arteries using mock arteries. <i>Physiological Measurement</i> , 2004, 25, 997-1011.	1.2	4
83	Characterization of the Korotkoff sounds using joint time-frequency analysis. <i>Physiological Measurement</i> , 2004, 25, 107-117.	1.2	32
84	Effect of premature ventricular beats on manual and automatic repolarization measurements. <i>Journal of Electrocardiology</i> , 2004, 37, 181-189.	0.4	3
85	Magnetocardiography for pharmacology safety studies requiring high patient throughput and reliability. <i>Journal of Electrocardiology</i> , 2004, 37, 187-192.	0.4	20
86	Interaction between cardiac beat-to-beat interval changes and systolic blood pressure changes. <i>Clinical Autonomic Research</i> , 2004, 14, 92-98.	1.4	10
87	Editorial: In praise of referees. <i>Medical and Biological Engineering and Computing</i> , 2004, 42, 1-1.	1.6	0
88	Surface Atrial Frequency Analysis in Patients with Atrial Fibrillation: A Tool For Evaluating the Effects of Intervention. <i>Journal of Cardiovascular Electrophysiology</i> , 2004, 15, 1021-1026.	0.8	54
89	Effects on baroreflex sensitivity measurements when different protocols are used to induce regular changes in beat-to-beat intervals and systolic pressure. <i>Physiological Measurement</i> , 2004, 25, 523-538.	1.2	7
90	Comparison of Automatic Repolarization Measurement Techniques in the Normal Magnetocardiogram. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2003, 26, 2096-2102.	0.5	7

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91	Age-related changes in the characteristics of the photoplethysmographic pulse shape at various body sites. <i>Physiological Measurement</i> , 2003, 24, 297-307.	1.2	154
92	Effect of changes in heart rate and in action potential duration on the electrocardiogram T wave shape. <i>Physiological Measurement</i> , 2002, 23, 355-364.	1.2	22
93	Microvascular blood flow and skin temperature changes in the fingers following a deep inspiratory gasp. <i>Physiological Measurement</i> , 2002, 23, 365-373.	1.2	67
94	The forgotten Korotkoff phases: How often are phases II and III present, and how do they relate to the other Korotkoff phases?. <i>American Journal of Hypertension</i> , 2002, 15, 264-268.	1.0	14
95	Origin on the electrocardiogram of U-waves and abnormal U-wave inversion. <i>Cardiovascular Research</i> , 2002, 53, 202-208.	1.8	35
96	Fractal analysis in the detection of colonic cancer images. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2002, 6, 54-58.	3.6	140
97	Modelling cardiac repolarisation for the study of the T wave: effect of repolarisation sequence. <i>Chaos, Solitons and Fractals</i> , 2002, 13, 1743-1748.	2.5	3
98	Cardiac repolarisation can be detected as an ordered spatial process on the body surface. <i>Chaos, Solitons and Fractals</i> , 2002, 13, 1749-1753.	2.5	0
99	Errors in Repolarization Measurement Using Magnetocardiography. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2002, 25, 1223-1229.	0.5	8
100	Quantification of T Wave Shape Changes Following Exercise. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2002, 25, 1230-1234.	0.5	22
101	T-Wave Shape in Clinical Research. <i>Circulation</i> , 2001, 104, .	1.6	2
102	Effect of Lead Exclusion for the Manual Measurement of QT Dispersion. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2001, 24, 75-81.	0.5	9
103	Assessment of computer-controlled inflation/deflation for determining the properties of PTCA balloon catheters with pressure-volume curves. <i>Physiological Measurement</i> , 2001, 22, 299-308.	1.2	9
104	Relation between heart rate and pulse transit time during paced respiration. <i>Physiological Measurement</i> , 2001, 22, 425-432.	1.2	132
105	Relationship of baroreflex sensitivity and blood pressure in an older population. <i>Journal of Hypertension</i> , 2000, 18, 1629-1633.	0.3	31
106	Explaining the T-wave shape in the ECG. <i>Nature</i> , 2000, 403, 40-40.	13.7	45
107	Dispersion of QT Intervals: A Measure of Dispersion of Repolarization or Simply a Projection Effect?. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2000, 23, 1392-1396.	0.5	15
108	Computer Model for Study of Cardiac Repolarization. <i>Journal of Cardiovascular Electrophysiology</i> , 2000, 11, 895-899.	0.8	26

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109	Heart rate and blood pressure variability in normal subjects compared with data from beat-to-beat models developed from de Boer's model of the cardiovascular system. <i>Physiological Measurement</i> , 2000, 21, 305-318.	1.2	24
110	Similarity in bilateral photoplethysmographic peripheral pulse wave characteristics at the ears, thumbs and toes. <i>Physiological Measurement</i> , 2000, 21, 369-377.	1.2	83
111	Coherence between body surface ECG leads and intracardiac signals increases during the first 10 s of ventricular fibrillation in the human heart. <i>Physiological Measurement</i> , 1999, 20, 159-166.	1.2	3
112	Modelling the relationship between peripheral blood pressure and blood volume pulses using linear and neural network system identification techniques. <i>Physiological Measurement</i> , 1999, 20, 287-301.	1.2	65
113	Repeatability of body sway measurements; day-to-day variation measured by sway magnetometry. <i>Physiological Measurement</i> , 1998, 19, 159-164.	1.2	17
114	Postural stability of normal subjects measured by sway magnetometry: pathlength and area for the age range 15 to 64 years. <i>Physiological Measurement</i> , 1998, 19, 103-109.	1.2	17
115	Interobserver Variability in Recognizing Arousal in Respiratory Sleep Disorders. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998, 158, 358-362.	2.5	101
116	Measurement of angioplasty lumen volume and wall compliance: a laboratory study. <i>Physiological Measurement</i> , 1997, 18, 39-47.	1.2	5
117	Baroreflex function in sedentary and endurance-trained elderly people. <i>Age and Ageing</i> , 1997, 26, 289-294.	0.7	18
118	Identification of non-organic instability by sway magnetometry. <i>International Journal of Audiology</i> , 1997, 31, 275-282.	0.7	4
119	Assessing ECG signal quality on a coronary care unit. <i>Physiological Measurement</i> , 1996, 17, 249-258.	1.2	46
120	Measurement of the vestibulo-ocular reflex by magnetometry during active head movement. <i>International Journal of Audiology</i> , 1996, 30, 325-331.	0.7	0
121	Comparison of Lower Limb Arterial Assessments Using Color-Duplex Ultrasound and Ankle/Brachial Pressure Index Measurements. <i>Angiology</i> , 1996, 47, 225-232.	0.8	35
122	Evidence for Electrical Organization During Ventricular Fibrillation in the Human Heart. <i>Journal of Cardiovascular Electrophysiology</i> , 1995, 6, 616-624.	0.8	15
123	Analysis of the Body Surface ECG Measured in Independent Leads During Ventricular Fibrillation in Humans. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1995, 18, 1876-1881.	0.5	25
124	A Randomized Controlled Clinical Study to Quantify the Effect of Small Changes in the Design of Pacing Electrodes on Threshold Voltages. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1995, 18, 2150-2154.	0.5	2
125	Biomedical engineering and electrophysiology. <i>Medical and Biological Engineering and Computing</i> , 1995, 33, 361-361.	1.6	0
126	Monitoring oxygenator gas exchange performance. <i>Perfusion (United Kingdom)</i> , 1994, 9, 163-171.	0.5	2

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127	Comparison of Body Sway Analysis Techniques: Assessment with Subjects Standing on a Stable Surface. <i>Acta Oto-Laryngologica</i> , 1994, 114, 115-119.	0.3	34
128	Addendum to the penumbra of a 6-MV x-ray beam as measured by thermoluminescent dosimetry and evaluated using an inverse square root function [<i>Med. Phys.</i> 20 , 1429-1438 (1993)]. <i>Medical Physics</i> , 1994, 21, 1261-1261.	1.6	0
129	Editorial: Contributions of medical engineering to advances in cardiology and cardiovascular diagnosis and therapy. <i>Medical and Biological Engineering and Computing</i> , 1994, 32, S1-S2.	1.6	1
130	Clinical thermoluminescence dosimetry: how do expectations and results compare?. <i>Radiotherapy and Oncology</i> , 1993, 26, 151-161.	0.3	25
131	Monitoring brain function during cardiothoracic surgery in children and adults at two levels of hypothermia. <i>Electroencephalography and Clinical Neurophysiology</i> , 1990, 76, 268-270.	0.3	3
132	Do Electrode and Lead Design Differences for Permanent Cardiac Pacing Translate into Clinically Demonstrable Differences? (Comparison of Sintered Platinum and Activated Vitreous and Porous) <i>Tj ETQq0 0 0 rgBT, Overlook 10 Tf 50</i>		
133	Accuracy and Repeatability of Bladder Volume Measurement Using Ultrasonic Imaging. <i>Journal of Urology</i> , 1986, 136, 808-812.	0.2	119
134	Stability of the human body investigated by sway magnetometry. <i>Journal of Medical Engineering and Technology</i> , 1986, 10, 126-130.	0.8	23
135	Comparison of EEG monitoring techniques: An evaluation during cardiac surgery. <i>Electroencephalography and Clinical Neurophysiology</i> , 1985, 61, 323-330.	0.3	22
136	Coronary care unit ECG monitoring. <i>Journal of Medical Engineering and Technology</i> , 1982, 6, 53-61.	0.8	3
137	Mexiletine in the Prophylaxis of Ventricular Arrhythmias During Acute Myocardial Infarction. <i>Journal of Cardiovascular Pharmacology</i> , 1979, 1, 43-52.	0.8	54
138	Analysis in Cardiac Stability over Thirty Minute Periods. , 0, , .		2
139	Pulse Interval Modulation-based Method to Extract the Respiratory Rate from Oscillometric Cuff Pressure Waveform During Blood Pressure Measurement. , 0, , .		0
140	Abnormal Heart Sounds Detected from Short Duration Unsegmented Phonocardiograms by Wavelet Entropy. , 0, , .		13