

Raymond Bond

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2911355/publications.pdf>

Version: 2024-02-01

177
papers

2,595
citations

331670

21
h-index

289244

40
g-index

190
all docs

190
docs citations

190
times ranked

3052
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability of Addenbrooke's Cognitive Examination III in differentiating between dementia, mild cognitive impairment and older adults who have not reported cognitive problems. <i>European Journal of Ageing</i> , 2022, 19, 495-507.	2.8	4
2	The role of automated 12-lead ECG interpretation in the diagnosis and risk stratification of cardiovascular disease. , 2022, , 45-87.		1
3	Pediatric defibrillation shocks alone do not cause heart damage in a porcine model. <i>Resuscitation Plus</i> , 2022, 9, 100203.	1.7	0
4	Using latent class analysis to identify clinical features of patients with occlusive myocardial infarction: Preangiogram prediction remains difficult. <i>Clinical Cardiology</i> , 2022, , .	1.8	2
5	The impact of the <scp>COVID</scp>â€19 pandemic on grocery shopper behaviour: Analysis of shopper behaviour change using store transaction data. <i>Journal of Consumer Behaviour</i> , 2022, 21, 259-271.	4.2	12
6	WaSP-ECG: A Wave Segmentation Pretraining Toolkit for Electrocardiogram Analysis. <i>Frontiers in Physiology</i> , 2022, 13, 760000.	2.8	1
7	What can machines learn about heart failure? A systematic literature review. <i>International Journal of Data Science and Analytics</i> , 2022, 13, 163-183.	4.1	3
8	A clinicianâ€™s guide to understanding and critically appraising machine learning studies: a checklist for Ruling Out Bias Using Standard Tools in Machine Learning (ROBUST-ML). <i>European Heart Journal Digital Health</i> , 2022, 3, 125-140.	1.7	17
9	A nurse-led pre-hospital triage service for identifying patients with occlusive myocardial infarction: a service evaluation. <i>British Journal of Cardiac Nursing</i> , 2022, 17, 1-10.	0.1	0
10	How Machine Learning Classification Accuracy Changes in a Happiness Dataset with Different Demographic Groups. <i>Computers</i> , 2022, 11, 83.	3.3	5
11	An insight into the current perceptions of UK radiographers on the future impact of AI on the profession: A cross-sectional survey. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2022, 53, 347-361.	0.3	6
12	Exploring decision making â€noiseâ€™ when interpreting the electrocardiogram in the context of cardiac cath lab activation. <i>Journal of Electrocardiology</i> , 2022, 73, 157-161.	0.9	1
13	UK reporting radiographersâ€™ perceptions of AI in radiographic image interpretation â€ Current perspectives and future developments. <i>Radiography</i> , 2022, 28, 881-888.	2.1	8
14	The effect of a digital training tool to aid chest image interpretation: Hybridising eye tracking technology and a decision support tool. <i>Radiography</i> , 2021, 27, 505-511.	2.1	6
15	Towards Explainable Artificial Intelligence and Explanation User Interfaces to Open the â€Black Boxâ€™ of Automated ECG Interpretation. <i>Lecture Notes in Computer Science</i> , 2021, , 96-108.	1.3	0
16	An analysis of the impact of suicide prevention messages and memorials on motorway bridges. <i>Suicide and Life-Threatening Behavior</i> , 2021, 51, 657-664.	1.9	0
17	Sensitivity analysis of the infection transmissibility in the UK during the COVID-19 pandemic. <i>PeerJ</i> , 2021, 9, e10992.	2.0	5
18	Towards a digital health future. <i>European Heart Journal Digital Health</i> , 2021, 2, 60-61.	1.7	3

#	ARTICLE	IF	CITATIONS
19	The effect of confounding data features on a deep learning algorithm to predict complete coronary occlusion in a retrospective observational setting. <i>European Heart Journal Digital Health</i> , 2021, 2, 127-134.	1.7	11
20	Human-Computer Agreement of Electrocardiogram Interpretation for Patients Referred to and Declined for Primary Percutaneous Coronary Intervention: Retrospective Data Analysis Study. <i>JMIR Medical Informatics</i> , 2021, 9, e24188.	2.6	0
21	Ethical Issues in Democratizing Digital Phenotypes and Machine Learning in the Next Generation of Digital Health Technologies. <i>Philosophy and Technology</i> , 2021, 34, 1945-1960.	4.3	19
22	An Oil Well Dataset Derived from Satellite-Based Remote Sensing. <i>Remote Sensing</i> , 2021, 13, 1132.	4.0	19
23	Reliable Deep Learning-Based Detection of Misplaced Chest Electrodes During Electrocardiogram Recording: Algorithm Development and Validation. <i>JMIR Medical Informatics</i> , 2021, 9, e25347.	2.6	6
24	Comparing Single-Page, Multipage, and Conversational Digital Forms in Health Care: Usability Study. <i>JMIR Human Factors</i> , 2021, 8, e25787.	2.0	3
25	The Effect Of Crowding On The Reading Of Program Code For Programmers With Dyslexia. , 2021, , .		0
26	Eye Tracking Analysis of Code Layout, Crowding and Dyslexia - An Open Data Set. , 2021, , .		1
27	Prediction of chemical compounds properties using a deep learning model. <i>Neural Computing and Applications</i> , 2021, 33, 13345-13366.	5.6	18
28	Digital reminiscence app co-created by people living with dementia and carers: Usability and eye gaze analysis. <i>Health Expectations</i> , 2021, 24, 1207-1219.	2.6	10
29	Machine learning with electrocardiograms: A call for guidelines and best practices for stress testing algorithms. <i>Journal of Electrocardiology</i> , 2021, 69, 1-6.	0.9	10
30	User experience analysis of AbC-19 Rapid Test via lateral flow immunoassays for self-administrated SARS-CoV-2 antibody testing. <i>Scientific Reports</i> , 2021, 11, 14026.	3.3	10
31	Overview of featurization techniques used in traditional versus emerging deep learning-based algorithms for automated interpretation of the 12-lead ECG. <i>Journal of Electrocardiology</i> , 2021, 69S, 7-11.	0.9	0
32	Chatbots to Support Mental Wellbeing of People Living in Rural Areas: Can User Groups Contribute to Co-design?. <i>Journal of Technology in Behavioral Science</i> , 2021, 6, 652-665.	2.3	16
33	Discovering and comparing types of general practitioner practices using geolocational features and prescribing behaviours by means of K-means clustering. <i>Scientific Reports</i> , 2021, 11, 18289.	3.3	3
34	Code-free cloud computing service to facilitate rapid biomedical digital signal processing and algorithm development. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 211, 106398.	4.7	0
35	Eye tracking in Child Computer Interaction: Challenges and opportunities. <i>International Journal of Child-Computer Interaction</i> , 2021, 30, 100345.	3.5	8
36	Beauty Is in the AI of the Beholder: Are We Ready for the Clinical Integration of Artificial Intelligence in Radiography? An Exploratory Analysis of Perceived AI Knowledge, Skills, Confidence, and Education Perspectives of UK Radiographers. <i>Frontiers in Digital Health</i> , 2021, 3, 739327.	2.8	25

#	ARTICLE	IF	CITATIONS
37	Estimating the Minimal Size of Training Datasets Required for the Development of Linear ECG-Lead Transformations. , 2021, , .		0
38	Domain Led Time Series Analysis Of Cardiovascular Disease Using Open Data - Does Reduction in Coronary Disease Increase Heart Failure Prevalence?. , 2021, , .		0
39	â€œThere is still so much insideâ€™: The impact of personalised reminiscence, facilitated by a tablet device, on people living with mild to moderate dementia and their family carers. Dementia, 2020, 19, 1131-1150.	2.0	35
40	Economic costs and health-related quality of life associated with individual specific reminiscence: Results from the InspireD Feasibility Study. Dementia, 2020, 19, 2166-2183.	2.0	4
41	Impact of an educational intervention on eye gaze behaviour in retinal image interpretation by consultant and trainee ophthalmologists. Health Informatics Journal, 2020, 26, 1419-1430.	2.1	3
42	Systematic Review of Clinical Decision Support Systems for Prehospital Acute Coronary Syndrome Identification. Critical Pathways in Cardiology, 2020, 19, 119-125.	0.5	8
43	Meaningful Big Data Integration for a Global COVID-19 Strategy. IEEE Computational Intelligence Magazine, 2020, 15, 51-61.	3.2	19
44	Machine learning techniques for detecting electrode misplacement and interchanges when recording ECGs: A systematic review and meta-analysis. Journal of Electrocardiology, 2020, 62, 116-123.	0.9	9
45	A Low Cost Indoor Positioning System Using Bluetooth Low Energy. IEEE Access, 2020, 8, 136858-136871.	4.2	73
46	Computational time series analysis of patient referrals to a primary percutaneous coronary intervention service. Health Informatics Journal, 2020, 26, 2222-2236.	2.1	1
47	Why do people call crisis helplines? Identifying taxonomies of presenting reasons and discovering associations between these reasons. Health Informatics Journal, 2020, 26, 2597-2613.	2.1	8
48	Ecological Momentary Assessment Within a Digital Health Intervention for Reminiscence in Persons With Dementia and Caregivers: User Engagement Study. JMIR MHealth and UHealth, 2020, 8, e17120.	3.7	18
49	Reliability of Supervised Machine Learning Using Synthetic Data in Health Care: Model to Preserve Privacy for Data Sharing. JMIR Medical Informatics, 2020, 8, e18910.	2.6	70
50	Behavior of Callers to a Crisis Helpline Before and During the COVID-19 Pandemic: Quantitative Data Analysis. JMIR Mental Health, 2020, 7, e22984.	3.3	18
51	Observations on the Linear Order of Program Code Reading Patterns in Programmers with Dyslexia. , 2020, , .		2
52	Evaluating User Engagement with a Reminiscence App Using Cross-Comparative Analysis of User Event Logs and Qualitative Data. Cyberpsychology, Behavior, and Social Networking, 2019, 22, 543-551.	3.9	19
53	How People Judge the Usability of a Desktop Graphic User Interface at Different Time Points: Is there Evidence for Memory Decay, Recall Bias or Temporal Bias?. Interacting With Computers, 2019, 31, 221-230.	1.5	6
54	Popular topics in HCI: Special Issue of Selected Extended Papers from the 32nd International BCS Human Computer Interaction Conference. Interacting With Computers, 2019, 31, 113-115.	1.5	0

#	ARTICLE	IF	CITATIONS
55	Deep learning to automatically interpret images of the electrocardiogram: Do we need the raw samples?. <i>Journal of Electrocardiology</i> , 2019, 57, S65-S69.	0.9	17
56	Meaningful Integration of Data, Analytics and Services of Computer-Based Medical Systems: The MIDAS Touch. , 2019, , .		7
57	Data driven feature selection and machine learning to detect misplaced V1 and V2 chest electrodes when recording the 12-lead electrocardiogram. <i>Journal of Electrocardiology</i> , 2019, 57, 39-43.	0.9	10
58	SPICED-ACS: Study of the potential impact of a computer-generated ECG diagnostic algorithmic certainty index in STEMI diagnosis: Towards transparent AI. <i>Journal of Electrocardiology</i> , 2019, 57, S86-S91.	0.9	9
59	Exploring temporal behaviour of app users completing ecological momentary assessments using mental health scales and mood logs. <i>Behaviour and Information Technology</i> , 2019, 38, 1016-1027.	4.0	9
60	An exploratory analysis investigating blood protein biomarkers to augment ECG diagnosis of ACS. <i>Journal of Electrocardiology</i> , 2019, 57, S92-S97.	0.9	3
61	Assessing the Usability of a Chatbot for Mental Health Care. <i>Lecture Notes in Computer Science</i> , 2019, , 121-132.	1.3	39
62	How Usable Are Usability Tests? Examining the Suitability of Standard Usability Testing Methods for the Assessment of Apps for People Living with Dementia. <i>Communications in Computer and Information Science</i> , 2019, , 126-143.	0.5	2
63	Wearable technology-based metrics for predicting operator performance during cardiac catheterisation. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 645-657.	2.8	8
64	Predicting 30 days Mortality in STEMI Patients using Patient Referral Data to a Primary Percutaneous Coronary Intervention Service. , 2019, , .		0
65	Is there an Optimal Technology to Provide Personal Supportive Feedback in Prevention of Obesity?. , 2019, , .		2
66	Unsupervised Machine Learning Elicits Patient Archetypes in a Primary Percutaneous Coronary Intervention Service. , 2019, , .		0
67	Data analytics of call log data to identify caller behaviour patterns from a mental health and well-being helpline. <i>Health Informatics Journal</i> , 2019, 25, 1722-1738.	2.1	20
68	Eye tracking analysis of computer program comprehension in programmers with dyslexia. <i>Empirical Software Engineering</i> , 2019, 24, 1109-1154.	3.9	10
69	Impact of digital technologies for communicating messages on weight loss maintenance: a systematic literature review. <i>European Journal of Public Health</i> , 2019, 29, 320-328.	0.3	16
70	Affective state detection via facial expression analysis within a human-computer interaction context. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019, 10, 2175-2184.	4.9	39
71	A clinical decision support tool to assist with the interpretation of the 12-lead electrocardiogram. <i>Health Informatics Journal</i> , 2019, 25, 51-61.	2.1	7
72	Usability Evaluation of a Co-created Big Data Analytics Platform for Health Policy-Making. <i>Lecture Notes in Computer Science</i> , 2019, , 194-207.	1.3	6

#	ARTICLE	IF	CITATIONS
73	Role of dashboards in improving decision making in healthcare: Review of the literature. , 2019, , .		4
74	Interpolating Low Amplitude ECG Signals Combined with Filtering According to International Standards Improves Inverse Reconstruction of Cardiac Electrical Activity. Lecture Notes in Computer Science, 2019, , 112-120.	1.3	0
75	User Archetype Discovery By Cluster Analysis of Caller Log Data: Tenure Evolution is Stable as Time Period Reduces. , 2019, , .		2
76	Behaviour Analytics of Users Completing Ecological Momentary Assessments in the Form of Mental Health Scales and Mood Logs on a Smartphone App. , 2019, , .		3
77	Using Data Mining to Predict Hospital Admissions From the Emergency Department. IEEE Access, 2018, 6, 10458-10469.	4.2	88
78	Digital training platform for interpreting radiographic images of the chest. Radiography, 2018, 24, 159-164.	2.1	8
79	Combining deep residual neural network features with supervised machine learning algorithms to classify diverse food image datasets. Computers in Biology and Medicine, 2018, 95, 217-233.	7.0	86
80	Insights into Antidepressant Prescribing Using Open Health Data. Big Data Research, 2018, 12, 41-48.	4.2	14
81	A two-staged approach to developing and evaluating an ontology for delivering personalized education to diabetic patients. Informatics for Health and Social Care, 2018, 43, 264-279.	2.6	6
82	Eye Tracking the Visual Attention of Nurses Interpreting Simulated Vital Signs Scenarios: Mining Metrics to Discriminate Between Performance Level. IEEE Transactions on Human-Machine Systems, 2018, 48, 113-124.	3.5	19
83	Bootstrapping analysis of crowdsourced non-expert estimates of the number of calories in photographs of meals. , 2018, , .		0
84	Teaching Ethical Design in the Era of Autonomous and Intelligent Systems. , 2018, , .		0
85	Could branding influence user interface interaction on emergency medical devices? Using eye-tracking technology to assess user's visual attention when viewing public access defibrillators. Resuscitation, 2018, 130, e109.	3.0	1
86	Toxicity Prediction Using Pre-trained Autoencoder. , 2018, , .		3
87	Gaze behaviour in computer programmers with dyslexia. , 2018, , .		5
88	Multivariate Testing Confirms the Effect of Age"Gender Congruence on Click-Through Rates from Online Social Network Digital Advertisements. Cyberpsychology, Behavior, and Social Networking, 2018, 21, 646-654.	3.9	10
89	Automation bias in medicine: The influence of automated diagnoses on interpreter accuracy and uncertainty when reading electrocardiograms. Journal of Electrocardiology, 2018, 51, S6-S11.	0.9	58
90	An Adaptive Laplacian Based Interpolation Algorithm for Noise Reduction in Body Surface Potential Maps. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
91	Machine learning using synthetic and real data: Similarity of evaluation metrics for different healthcare datasets and for different algorithms. , 2018, , .		16
92	Using Mobile Technology to Provide Personalized Reminiscence for People Living With Dementia and Their Carers: Appraisal of Outcomes From a Quasi-Experimental Study. JMIR Mental Health, 2018, 5, e57.	3.3	39
93	Predicting Caller Type From a Mental Health and Well-Being Helpline: Analysis of Call Log Data. JMIR Mental Health, 2018, 5, e47.	3.3	9
94	Frequency domain analysis of telephone helpline call data. , 2018, , .		2
95	Comparing ST-segment elevation myocardial infarction care between patients residing in central and remote locations: a retrospective case series. Rural and Remote Health, 2018, 18, 4618.	0.5	3
96	Ontological modelling and rule-based reasoning for the provision of personalized patient education. Expert Systems, 2017, 34, e12134.	4.5	19
97	Computing eye gaze metrics for the automatic assessment of radiographer performance during X-ray image interpretation. International Journal of Medical Informatics, 2017, 105, 11-21.	3.3	20
98	The role of computerized diagnostic proposals in the interpretation of the 12-lead electrocardiogram by cardiology and non-cardiology fellows. International Journal of Medical Informatics, 2017, 101, 85-92.	3.3	19
99	SenseCare: Using Affective Computing to Manage and Care for the Emotional Wellbeing of Older People. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 352-356.	0.3	6
100	Quantifying health literacy and eHealth literacy using existing instruments and browser-based software for tracking online health information seeking behavior. Computers in Human Behavior, 2017, 69, 256-267.	8.5	85
101	Methods employed for chest radiograph interpretation education for radiographers: A systematic review of the literature. Radiography, 2017, 23, 350-357.	2.1	16
102	Towards emotion recognition for virtual environments: an evaluation of eeg features on benchmark dataset. Personal and Ubiquitous Computing, 2017, 21, 1003-1013.	2.8	70
103	Behavioural Usage Analysis of a Reminiscing App for People Living with Dementia and their Carers. , 2017, , .		9
104	Ethical by Design. , 2017, , .		23
105	A decision support system and rule-based algorithm to augment the human interpretation of the 12-lead electrocardiogram. Journal of Electrocardiology, 2017, 50, 781-786.	0.9	14
106	PDF-ECG in clinical practice: A model for long-term preservation of digital 12-lead ECG data. Journal of Electrocardiology, 2017, 50, 776-780.	0.9	38
107	Epicardial potentials computed from the body surface potential map using inverse electrocardiography and an individualised torso model improve sensitivity for acute myocardial infarction diagnosis. European Heart Journal: Acute Cardiovascular Care, 2017, 6, 728-735.	1.0	3
108	Views of Caregivers on the Ethics of Assistive Technology Used for Home Surveillance of People Living with Dementia. Neuroethics, 2017, 10, 255-266.	2.8	41

#	ARTICLE	IF	CITATIONS
109	Tracking and evaluation of pupil dilation via facial point marker analysis. , 2017, , .		0
110	Participatory design-based requirements elicitation involving people living with dementia towards a home-based platform to monitor emotional wellbeing. , 2017, , .		5
111	Automated adjustment of crowdsourced calorie estimations for accurate food image logging. , 2017, , .		1
112	An Investigation into the Use of the Impedance Cardiogram as a Predictor of Manual Chest Compression Efficacy. , 2017, , .		0
113	Morphology-based Detection of Premature Ventricular Contractions. , 2017, , .		1
114	Who Uses Mobile Phone Health Apps and Does Use Matter? A Secondary Data Analytics Approach. Journal of Medical Internet Research, 2017, 19, e125.	4.3	421
115	Human-Computer Interaction Task Classification via Visual-Based Input Modalities. Lecture Notes in Computer Science, 2017, , 636-642.	1.3	0
116	Towards the Integration of Prescription Analytics into Health Policy and General Practice. Lecture Notes in Computer Science, 2017, , 193-206.	1.3	0
117	Data Driven Computer Simulation to Analyse an ECG Limb Lead System Used in Connected Health Environments. Methods of Information in Medicine, 2016, 55, 258-265.	1.2	4
118	A digital technology framework to optimise the self-management of obesity. , 2016, , .		1
119	Human factors analysis of the CardioQuick Patch [®] : A novel engineering solution to the problem of electrode misplacement during 12-lead electrocardiogram acquisition. Journal of Electrocardiology, 2016, 49, 911-918.	0.9	14
120	A computer-human interaction model to improve the diagnostic accuracy and clinical decision-making during 12-lead electrocardiogram interpretation. Journal of Biomedical Informatics, 2016, 64, 93-107.	4.3	15
121	Automated detection of atrial fibrillation using R-R intervals and multivariate-based classification. Journal of Electrocardiology, 2016, 49, 871-876.	0.9	53
122	Computing the spatial QRS-T angle using reduced electrocardiographic lead sets. Journal of Electrocardiology, 2016, 49, 794-799.	0.9	2
123	Sensing Affective States Using Facial Expression Analysis. Lecture Notes in Computer Science, 2016, , 341-352.	1.3	7
124	Towards Personalised Training of Machine Learning Algorithms for Food Image Classification Using a Smartphone Camera. Lecture Notes in Computer Science, 2016, , 178-190.	1.3	10
125	Assessing usability testing for people living with dementia. , 2016, , .		30
126	The Design of a Computer Simulator to Emulate Pathology Laboratory Workflows. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
127	The Cardiac Conduction System. <i>Critical Care Nursing Clinics of North America</i> , 2016, 28, 269-279.	0.8	34
128	A usability study of a critical man-machine interface: Can layperson responders perform optimal compression rates when using a public access defibrillator with automated real-time feedback during cardiopulmonary resuscitation?. <i>IEEE Transactions on Human-Machine Systems</i> , 2016, 46, 749-754.	3.5	11
129	The evaluation of an open source online training system for teaching 12 lead electrocardiographic interpretation. <i>Journal of Electrocardiology</i> , 2016, 49, 454-461.	0.9	18
130	Detecting the Elusive P-Wave: A New ECG Lead to Improve the Recording of Atrial Activity. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 243-249.	4.2	18
131	SenseCare: Towards an Experimental Platform for Home-Based, Visualisation of Emotional States of People with Dementia. <i>Lecture Notes in Computer Science</i> , 2016, , 63-74.	1.3	5
132	Exploring the Relationship Between Online Social Network Site Usage and the Impact on Quality of Life for Older and Younger Users: An Interaction Analysis. <i>Journal of Medical Internet Research</i> , 2016, 18, e245.	4.3	12
133	Data analysis of diagnostic accuracies in 12-lead electrocardiogram interpretation by junior medical fellows. <i>Journal of Electrocardiology</i> , 2015, 48, 988-994.	0.9	27
134	The effects of electrode placement on an automated algorithm for detecting ST segment changes on the 12-lead ECG. , 2015, , .		2
135	On the derivation of the spatial QRS-T angle from Mason-Likar leads I, II, V2 and V5. , 2015, , .		0
136	Semi-automated system for predicting calories in photographs of meals. , 2015, , .		4
137	Using computerised interactive response technology to assess electrocardiographers and for aggregating diagnoses. <i>Journal of Electrocardiology</i> , 2015, 48, 995-999.	0.9	6
138	A semi-automated food voting classification system: Combining user interaction and Support Vector Machines. , 2015, , .		0
139	CoDiagnose: Interactive software to harness collaborative diagnoses and to increase diagnostic accuracy amongst junior physicians. <i>Technology and Health Care</i> , 2015, 23, 243-256.	1.2	7
140	Interactive progressive-based approach to aid the human interpretation of the 12-lead Electrocardiogram. , 2015, , .		1
141	The accuracy of beat-interval based algorithms for detecting atrial fibrillation. , 2015, , .		2
142	Usability testing of a novel automated external defibrillator user interface: A pilot study. , 2015, , .		3
143	Evaluating the human-computer interaction of "ECGSim": A virtual simulator to aid learning in electrocardiology. , 2015, , .		3
144	VitalSimML - A well-formed data structure to Capture Patient Monitoring Scenarios to facilitate the training of nurses via computer-based simulation. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
145	Trainee Occupational Therapists Scoring the Barthel ADL. Journal of Medical Systems, 2015, 39, 93.	3.6	0
146	Smart food: Crowdsourcing of experts in nutrition and non-experts in identifying calories of meals using smartphone as a potential tool contributing to obesity prevention and management. , 2015, , .		13
147	Improved recording of atrial activity by modified bipolar leads derived from the 12-lead electrocardiogram. Journal of Electrocardiology, 2015, 48, 1017-1021.	0.9	5
148	Novel approach to documenting expert ECG interpretation using eye tracking technology: A historical and biographical representation of the late Dr Rory Childers in action. Journal of Electrocardiology, 2015, 48, 43-44.	0.9	8
149	Multi-faceted informatics system for digitising and streamlining the reablement care model. Journal of Biomedical Informatics, 2015, 56, 30-41.	4.3	10
150	The derivation of the spatial QRS-T angle and the spatial ventricular gradient using the Mason-Likar 12-lead electrocardiogram. Journal of Electrocardiology, 2015, 48, 1045-1052.	0.9	11
151	Human factors approach to evaluate the user interface of physiologic monitoring. Journal of Electrocardiology, 2015, 48, 982-987.	0.9	20
152	Evaluation of the Barthel Index Presented on Paper and Developed Digitally. Lecture Notes in Computer Science, 2015, , 249-254.	1.3	2
153	EasiSocial: An Innovative Way of Increasing Adoption of Social Media in Older People. Lecture Notes in Computer Science, 2015, , 21-28.	1.3	2
154	An investigation into the usability of the STAR training and re-skilling website for carers of persons with dementia. , 2014, 2014, 4139-42.		7
155	Diagnosis of the Electrocardiogram Using a Smartphone. , 2014, , .		2
156	An evaluation of eye tracking technology in the assessment of 12 lead electrocardiography interpretation. Journal of Electrocardiology, 2014, 47, 922-929.	0.9	24
157	Assessing computerized eye tracking technology for gaining insight into expert interpretation of the 12-lead electrocardiogram: an objective quantitative approach. Journal of Electrocardiology, 2014, 47, 895-906.	0.9	51
158	A usability evaluation of medical software at an expert conference setting. Computer Methods and Programs in Biomedicine, 2014, 113, 383-395.	4.7	24
159	Investigating Methods for Increasing the Adoption of Social Media amongst Carers for the Elderly. IFMBE Proceedings, 2014, , 1439-1442.	0.3	4
160	Methods for presenting and visualising electrocardiographic data: From temporal signals to spatial imaging. Journal of Electrocardiology, 2013, 46, 182-196.	0.9	26
161	Transformation of the Mason-Likar 12-lead electrocardiogram to the Frank vectorcardiogram. , 2012, 2012, 677-80.		19
162	Estimation performance of a reduced lead system during continuous 12-lead ECG ST-segment monitoring. Journal of Electrocardiology, 2012, 45, 604-608.	0.9	5

#	ARTICLE	IF	CITATIONS
163	The effects of electrode misplacement on cliniciansâ€™ interpretation of the standard 12-lead electrocardiogram. <i>European Journal of Internal Medicine</i> , 2012, 23, 610-615.	2.2	51
164	A Usability Protocol for Evaluating Online Social Networks. <i>Lecture Notes in Computer Science</i> , 2012, , 222-225.	1.3	5
165	A simulation tool for visualizing and studying the effects of electrode misplacement on the 12-lead electrocardiogram. <i>Journal of Electrocardiology</i> , 2011, 44, 439-444.	0.9	18
166	A review of ECG storage formats. <i>International Journal of Medical Informatics</i> , 2011, 80, 681-697.	3.3	42
167	A Web-based tool for processing and visualizing body surface potential maps. <i>Journal of Electrocardiology</i> , 2010, 43, 560-565.	0.9	12
168	Effects of electrode placement errors in the EASI-derived 12-lead electrocardiogram. <i>Journal of Electrocardiology</i> , 2010, 43, 606-611.	0.9	20
169	XML-BSPM: an XML format for storing Body Surface Potential Map recordings. <i>BMC Medical Informatics and Decision Making</i> , 2010, 10, 28.	3.0	14
170	The Effects of 0.67 Hz High-pass Filtering on the Spatial QRS-T Angle. , 0, , .		3
171	Quick Response Codes to Instantiate Interactive Medical Device Instructions For Display on a Smartphone. , 0, , .		0
172	Towards an Agile User Experience Virtual Assistant and Management Platform. , 0, , .		0
173	Parsing HL7 aECG Files and Segmenting Leads for Interactive Progressive-based Interpretation of the 12-Lead Electrocardiogram. , 0, , .		0
174	Aesthetically-Enhanced Visual Analytics Platform to Explore Patient Metadata. , 0, , .		0
175	Visuocognitive Fluency Facilitating ECG Interpretation with Visual Metaphors and Expressive Tags. , 0, , .		0
176	Can users recall their user experience with a technology? Temporal bias and the system usability scale.. , 0, , .		0
177	CPR Guideline Chest Compression Depths May Exceed Requirements for Optimal Physiological Response. , 0, , .		2