Raymond Bond

List of Publications by Year
in descending order

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	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
2	Using Data Mining to Predict Hospital Admissions From the Emergency Department. IEEE Access, 2018, 6, 10458-10469.	4.2	88
3	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
4	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
5	A Low Cost Indoor Positioning System Using Bluetooth Low Energy. IEEE Access, 2020, 8, 136858-136871.	4.2	73
6	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
7	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
8	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
9	Automated detection of atrial fibrillation using R-R intervals and multivariate-based classification. Journal of Electrocardiology, 2016, 49, 871-876.	0.9	53
10	The effects of electrode misplacement on clinicians' interpretation of the standard 12-lead electrocardiogram. European Journal of Internal Medicine, 2012, 23, 610-615.	2.2	51
11	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
12	A review of ECG storage formats. International Journal of Medical Informatics, 2011, 80, 681-697.	3.3	42
13	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
14	Assessing the Usability of a Chatbot for Mental Health Care. Lecture Notes in Computer Science, 2019, , 121-132.	1.3	39
15	Affective state detection via facial expression analysis within a human–computer interaction context. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 2175-2184.	4.9	39
16	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
17	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
18	'There is still so much inside': 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

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19	The Cardiac Conduction System. Critical Care Nursing Clinics of North America, 2016, 28, 269-279.	0.8	34
20	Assessing usability testing for people living with dementia. , 2016, , .		30
21	Data analysis of diagnostic accuracies in 12-lead electrocardiogram interpretation by junior medical fellows. Journal of Electrocardiology, 2015, 48, 988-994.	0.9	27
22	Methods for presenting and visualising electrocardiographic data: From temporal signals to spatial imaging. Journal of Electrocardiology, 2013, 46, 182-196.	0.9	26
23	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. Frontiers in Digital Health, 2021, 3, 739327.	2.8	25
24	An evaluation of eye tracking technology in the assessment of 12 lead electrocardiography interpretation. Journal of Electrocardiology, 2014, 47, 922-929.	0.9	24
25	A usability evaluation of medical software at an expert conference setting. Computer Methods and Programs in Biomedicine, 2014, 113, 383-395.	4.7	24
26	Ethical by Design. , 2017, , .		23
27	Effects of electrode placement errors in the EASI-derived 12-lead electrocardiogram. Journal of Electrocardiology, 2010, 43, 606-611.	0.9	20
28	Human factors approach to evaluate the user interface of physiologic monitoring. Journal of Electrocardiology, 2015, 48, 982-987.	0.9	20
29	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
30	Data analytics of call log data to identify caller behaviour patterns from a mental health and well-being helpline. Health Informatics Journal, 2019, 25, 1722-1738.	2.1	20
31	Transformation of the Mason-Likar 12-lead electrocardiogram to the Frank vectorcardiogram. , 2012, 2012, 677-80.		19
32	Ontological modelling and rule€based reasoning for the provision of personalized patient education. Expert Systems, 2017, 34, e12134.	4.5	19
33	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
34	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
35	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
36	Meaningful Big Data Integration for a Global COVID-19 Strategy. IEEE Computational Intelligence Magazine, 2020, 15, 51-61.	3.2	19

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37	Ethical Issues in Democratizing Digital Phenotypes and Machine Learning in the Next Generation of Digital Health Technologies. Philosophy and Technology, 2021, 34, 1945-1960.	4.3	19
38	An Oil Well Dataset Derived from Satellite-Based Remote Sensing. Remote Sensing, 2021, 13, 1132.	4.0	19
39	A simulation tool for visualizing and studying the effects of electrode misplacement on the 12-lead electrocardiogram. Journal of Electrocardiology, 2011, 44, 439-444.	0.9	18
40	The evaluation of an open source online training system for teaching 12 lead electrocardiographic interpretation. Journal of Electrocardiology, 2016, 49, 454-461.	0.9	18
41	Detecting the Elusive P-Wave: A New ECG Lead to Improve the Recording of Atrial Activity. IEEE Transactions on Biomedical Engineering, 2016, 63, 243-249.	4.2	18
42	Prediction of chemical compounds properties using a deep learning model. Neural Computing and Applications, 2021, 33, 13345-13366.	5.6	18
43	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
44	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
45	Deep learning to automatically interpret images of the electrocardiogram: Do we need the raw samples?. Journal of Electrocardiology, 2019, 57, S65-S69.	0.9	17
46	A clinician's guide to understanding and critically appraising machine learning studies: a checklist for Ruling Out Bias Using Standard Tools in Machine Learning (ROBUST-ML). European Heart Journal Digital Health, 2022, 3, 125-140.	1.7	17
47	Methods employed for chest radiograph interpretation education for radiographers: A systematic review of the literature. Radiography, 2017, 23, 350-357.	2.1	16
48	Impact of digital technologies for communicating messages on weight loss maintenance: a systematic literature review. European Journal of Public Health, 2019, 29, 320-328.	0.3	16
49	Chatbots to Support Mental Wellbeing of People Living in Rural Areas: Can User Groups Contribute to Co-design?. Journal of Technology in Behavioral Science, 2021, 6, 652-665.	2.3	16
50	Machine learning using synthetic and real data: Similarity of evaluation metrics for different healthcare datasets and for different algorithms. , 2018, , .		16
51	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
52	XML-BSPM: an XML format for storing Body Surface Potential Map recordings. BMC Medical Informatics and Decision Making, 2010, 10, 28.	3.0	14
53	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
54	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

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55	Insights into Antidepressant Prescribing Using Open Health Data. Big Data Research, 2018, 12, 41-48.	4.2	14
56	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
57	A Web-based tool for processing and visualizing body surface potential maps. Journal of Electrocardiology, 2010, 43, 560-565.	0.9	12
58	Exploring the Relationship Between Online Social Network Site Usage and the Impact on Quality of Life for Older and Younger Users: An Interaction Analysis. Journal of Medical Internet Research, 2016, 18, e245.	4.3	12
59	The impact of the ‹scp›COVID‹/scp›â€19 pandemic on grocery shopper behaviour: Analysis of shopper behaviour change using store transaction data. Journal of Consumer Behaviour, 2022, 21, 259-271.	4.2	12
60	The derivation of the spatial QRS-T angle and the spatial ventricular gradient using the Masonâ€"Likar 12-lead electrocardiogram. Journal of Electrocardiology, 2015, 48, 1045-1052.	0.9	11
61	A usability study of a critical manâ€"machine interface: Can layperson responders perform optimal compression rates when using a public access defibrillator with automated real-time feedback during cardiopulmonary resuscitation?. IEEE Transactions on Human-Machine Systems, 2016, 46, 749-754.	3.5	11
62	The effect of confounding data features on a deep learning algorithm to predict complete coronary occlusion in a retrospective observational setting. European Heart Journal Digital Health, 2021, 2, 127-134.	1.7	11
63	Multi-faceted informatics system for digitising and streamlining the reablement care model. Journal of Biomedical Informatics, 2015, 56, 30-41.	4.3	10
64	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
65	Multivariate Testing Confirms the Effect of Ageâ€"Gender Congruence on Click-Through Rates from Online Social Network Digital Advertisements. Cyberpsychology, Behavior, and Social Networking, 2018, 21, 646-654.	3.9	10
66	Data driven feature selection and machine learning to detect misplaced V1 and V2 chest electrodes when recording the 12â€lead electrocardiogram. Journal of Electrocardiology, 2019, 57, 39-43.	0.9	10
67	Eye tracking analysis of computer program comprehension in programmers with dyslexia. Empirical Software Engineering, 2019, 24, 1109-1154.	3.9	10
68	Digital reminiscence app coâ€created by people living with dementia and carers: Usability and eye gaze analysis. Health Expectations, 2021, 24, 1207-1219.	2.6	10
69	Machine learning with electrocardiograms: A call for guidelines and best practices for â€˜stress testingâ€™ algorithms. Journal of Electrocardiology, 2021, 69, 1-6.	0.9	10
70	User experience analysis of AbC-19 Rapid Test via lateral flow immunoassays for self-administrated SARS-CoV-2 antibody testing. Scientific Reports, 2021, 11, 14026.	3.3	10
71	Behavioural Usage Analysis of a Reminiscing App for People Living with Dementia and their Carers. , 2017, , .		9
72	SPICED-ACS: Study of the potential impact of a computer-generated ECG diagnostic algorithmic certainty index in STEMI diagnosis: Towards transparent AI. Journal of Electrocardiology, 2019, 57, S86-S91.	0.9	9

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73	Exploring temporal behaviour of app users completing ecological momentary assessments using mental health scales and mood logs. Behaviour and Information Technology, 2019, 38, 1016-1027.	4.0	9
74	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
75	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
76	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
77	Digital training platform for interpreting radiographic images of the chest. Radiography, 2018, 24, 159-164.	2.1	8
78	Wearable technology-based metrics for predicting operator performance during cardiac catheterisation. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 645-657.	2.8	8
79	Systematic Review of Clinical Decision Support Systems for Prehospital Acute Coronary Syndrome Identification. Critical Pathways in Cardiology, 2020, 19, 119-125.	0.5	8
80	Eye tracking in Child Computer Interaction: Challenges and opportunities. International Journal of Child-Computer Interaction, 2021, 30, 100345.	3.5	8
81	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
82	UK reporting radiographers' perceptions of AI in radiographic image interpretation – Current perspectives and future developments. Radiography, 2022, 28, 881-888.	2.1	8
83	An investigation into the usability of the STAR training and re-skilling website for carers of persons with dementia. , 2014, 2014, 4139-42.		7
84	CoDiagnose: Interactive software to harness collaborative diagnoses and to increase diagnostic accuracy amongst junior physicians. Technology and Health Care, 2015, 23, 243-256.	1.2	7
85	Sensing Affective States Using Facial Expression Analysis. Lecture Notes in Computer Science, 2016, , 341-352.	1.3	7
86	Meaningful Integration of Data, Analytics and Services of Computer-Based Medical Systems: The MIDAS Touch. , 2019, , .		7
87	A clinical decision support tool to assist with the interpretation of the 12-lead electrocardiogram. Health Informatics Journal, 2019, 25, 51-61.	2.1	7
88	Using computerised interactive response technology to assess electrocardiographers and for aggregating diagnoses. Journal of Electrocardiology, 2015, 48, 995-999.	0.9	6
89	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
90	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

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91	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
92	The effect of a digital training tool to aid chest image interpretation: Hybridising eye tracking technology and a decision support tool. Radiography, 2021, 27, 505-511.	2.1	6
93	Reliable Deep Learning–Based Detection of Misplaced Chest Electrodes During Electrocardiogram Recording: Algorithm Development and Validation. JMIR Medical Informatics, 2021, 9, e25347.	2.6	6
94	Usability Evaluation of a Co-created Big Data Analytics Platform for Health Policy-Making. Lecture Notes in Computer Science, 2019, , 194-207.	1.3	6
95	An insight into the current perceptions of UK radiographers on the future impact of AI on the profession: A cross-sectional survey. Journal of Medical Imaging and Radiation Sciences, 2022, 53, 347-361.	0.3	6
96	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
97	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
98	Participatory design-based requirements elicitation involving people living with dementia towards a home-based platform to monitor emotional wellbeing. , 2017, , .		5
99	Gaze behaviour in computer programmers with dyslexia. , 2018, , .		5
100	Sensitivity analysis of the infection transmissibility in the UK during the COVID-19 pandemic. PeerJ, 2021, 9, e10992.	2.0	5
101	SenseCare: Towards an Experimental Platform for Home-Based, Visualisation of Emotional States of People with Dementia. Lecture Notes in Computer Science, 2016, , 63-74.	1.3	5
102	A Usability Protocol for Evaluating Online Social Networks. Lecture Notes in Computer Science, 2012, , 222-225.	1.3	5
103	How Machine Learning Classification Accuracy Changes in a Happiness Dataset with Different Demographic Groups. Computers, 2022, 11, 83.	3.3	5
104	Semi-automated system for predicting calories in photographs of meals. , 2015, , .		4
105	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
106	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
107	Reliability of Addenbrooke's Cognitive Examination III in differentiating between dementia, mild cognitive impairment and older adults who have not reported cognitive problems. European Journal of Ageing, 2022, 19, 495-507.	2.8	4
108	Investigating Methods for Increasing the Adoption of Social Media amongst Carers for the Elderly. IFMBE Proceedings, 2014, , 1439-1442.	0.3	4

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109	Role of dashboards in improving decision making in healthcare: Review of the literature. , 2019, , .		4
110	Usability testing of a novel automated external defibrillator user interface: A pilot study. , 2015, , .		3
111	Evaluating the human-computer interaction of 'ECGSim': A virtual simulator to aid learning in electrocardiology. , 2015, , .		3
112	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
113	The Effects of 0.67 Hz High-pass Filtering on the Spatial QRS-T Angle. , 0, , .		3
114	Toxicity Prediction Using Pre-trained Autoencoder. , 2018, , .		3
115	An exploratory analysis investigating blood protein biomarkers to augment ECG diagnosis of ACS. Journal of Electrocardiology, 2019, 57, S92-S97.	0.9	3
116	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
117	Towards a digital health future. European Heart Journal Digital Health, 2021, 2, 60-61.	1.7	3
118	Comparing Single-Page, Multipage, and Conversational Digital Forms in Health Care: Usability Study. JMIR Human Factors, 2021, 8, e25787.	2.0	3
119	Discovering and comparing types of general practitioner practices using geolocational features and prescribing behaviours by means of K-means clustering. Scientific Reports, 2021, 11, 18289.	3.3	3
120	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
121	Behaviour Analytics of Users Completing Ecological Momentary Assessments in the Form of Mental Health Scales and Mood Logs on a Smartphone App. , 2019, , .		3
122	What can machines learn about heart failure? A systematic literature review. International Journal of Data Science and Analytics, 2022, 13, 163-183.	4.1	3
123	Diagnosis of the Electrocardiogram Using a Smartphone. , 2014, , .		2
124	The effects of electrode placement on an automated algorithm for detecting ST segment changes on the 12-lead ECG. , 2015, , .		2
125	The accuracy of beat-interval based algorithms for detecting atrial fibrillation. , 2015, , .		2
126	VitalSimML - A well-formed data structure to Capture Patient Monitoring Scenarios to facilitate the training of nurses via computer-based simulation. , 2015, , .		2

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127	Computing the spatial QRS-T angle using reduced electrocardiographic lead sets. Journal of Electrocardiology, 2016, 49, 794-799.	0.9	2
128	An Adaptive Laplacian Based Interpolation Algorithm for Noise Reduction in Body Surface Potential Maps. , 2018, , .		2
129	How Usable Are Usability Tests? Examining the Suitability of Standard Usability Testing Methods for the Assessment of Apps for People Living with Dementia. Communications in Computer and Information Science, 2019, , 126-143.	0.5	2
130	Is there an Optimal Technology to Provide Personal Supportive Feedback in Prevention of Obesity?. , 2019, , .		2
131	Evaluation of the Barthel Index Presented on Paper and Developed Digitally. Lecture Notes in Computer Science, 2015, , 249-254.	1.3	2
132	EasiSocial: An Innovative Way of Increasing Adoption of Social Media in Older People. Lecture Notes in Computer Science, 2015, , 21-28.	1.3	2
133	Frequency domain analysis of telephone helpline call data. , 2018, , .		2
134	CPR Guideline Chest Compression Depths May Exceed Requirements for Optimal Physiological Response. , 0, , .		2
135	User Archetype Discovery By Cluster Analysis of Caller Log Data: Tenure Evolution is Stable as Time Period Reduces. , 2019, , .		2
136	Observations on the Linear Order of Program Code Reading Patterns in Programmers with Dyslexia. , 2020, , .		2
137	Using latent class analysis to identify clinical features of patients with occlusive myocardial infarction: Preangiogram prediction remains difficult. Clinical Cardiology, 2022, , .	1.8	2
138	Interactive progressive-based approach to aid the human interpretation of the 12-lead Electrocardiogram. , 2015, , .		1
139	A digital technology framework to optimise the self-management of obesity. , 2016, , .		1
140	The Design of a Computer Simulator to Emulate Pathology Laboratory Workflows. , 2016, , .		1
141	Automated adjustment of crowdsourced calorie estimations for accurate food image logging. , 2017, , .		1
142	Morphology-based Detection of Premature Ventricular Contractions. , 2017, , .		1
143	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
144	Computational time series analysis of patient referrals to a primary percutaneous coronary intervention service. Health Informatics Journal, 2020, 26, 2222-2236.	2.1	1

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145	Eye Tracking Analysis of Code Layout, Crowding and Dyslexia - An Open Data Set. , 2021, , .		1
146	The role of automated 12-lead ECG interpretation in the diagnosis and risk stratification of cardiovascular disease. , 2022, , 45-87.		1
147	WaSP-ECG: A Wave Segmentation Pretraining Toolkit for Electrocardiogram Analysis. Frontiers in Physiology, 2022, 13, 760000.	2.8	1
148	Exploring decision making â€˜noiseâ€™ when interpreting the electrocardiogram in the context of cardiac cath lab activation. Journal of Electrocardiology, 2022, 73, 157-161.	0.9	1
149	On the derivation of the spatial QRS-T angle from Mason-Likar leads I, II, V2 and V5. , 2015, , .		0
150	A semi-automated food voting classification system: Combining user interaction and Support Vector Machines. , 2015, , .		0
151	Trainee Occupational Therapists Scoring the Barthel ADL. Journal of Medical Systems, 2015, 39, 93.	3.6	0
152	Tracking and evaluation of pupil dilation via facial point marker analysis. , 2017, , .		0
153	An Investigation into the Use of the Impedance Cardiogram as a Predictor of Manual Chest Compression Efficacy. , 2017, , .		0
154	Bootstrapping analysis of crowdsourced non-expert estimates of the number of calories in photographs of meals. , 2018, , .		0
155	Teaching Ethical Design in the Era of Autonomous and Intelligent Systems. , 2018, , .		0
156	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
157	Predicting 30 days Mortality in STEMI Patients using Patient Referral Data to a Primary Percutaneous Coronary Intervention Service. , 2019, , .		0
158	Unsupervised Machine Learning Elicits Patient Archetypes in a Primary Percutaneous Coronary Intervention Service. , 2019, , .		0
159	Towards Explainable Artificial Intelligence and Explanation User Interfaces to Open the â€˜Black Boxâ€™ of Automated ECG Interpretation. Lecture Notes in Computer Science, 2021, , 96-108.	1.3	0
160	An analysis of the impact of suicide prevention messages and memorials on motorway bridges. Suicide and Life-Threatening Behavior, 2021, 51, 657-664.	1.9	0
161	Humanâ€"Computer Agreement of Electrocardiogram Interpretation for Patients Referred to and Declined for Primary Percutaneous Coronary Intervention: Retrospective Data Analysis Study. JMIR Medical Informatics, 2021, 9, e24188.	2.6	0
162	The Effect Of Crowding On The Reading Of Program Code For Programmers With Dyslexia. , 2021, , .		0

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163	Overview of featurization techniques used in traditional versus emerging deep learning-based algorithms for automated interpretation of the 12-lead ECG. Journal of Electrocardiology, 2021, 69S, 7-11.	0.9	0
164	Code-free cloud computing service to facilitate rapid biomedical digital signal processing and algorithm development. Computer Methods and Programs in Biomedicine, 2021, 211, 106398.	4.7	0
165	Human-Computer Interaction Task Classification via Visual-Based Input Modalities. Lecture Notes in Computer Science, 2017, , 636-642.	1.3	0
166	Towards the Integration of Prescription Analytics into Health Policy and General Practice. Lecture Notes in Computer Science, 2017, , 193-206.	1.3	0
167	Quick Response Codes to Instantiate Interactive Medical Device Instructions For Display on a Smartphone. , 0, , .		0
168	Towards an Agile User Experience Virtual Assistant and Management Platform. , 0, , .		0
169	Parsing HL7 aECG Files and Segmenting Leads for Interactive Progressive-based Interpretation of the 12-Lead Electrocardiogram. , 0, , .		0
170	Aesthetically-Enhanced Visual Analytics Platform to Explore Patient Metadata. , 0, , .		0
171	Visuocognitive Fluency Facilitating ECG Interpretation with Visual Metaphors and Expressive Tags. , 0, , .		0
172	Can users recall their user experience with a technology? Temporal bias and the system usability scale.. , 0, , .		0
173	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
174	Estimating the Minimal Size of Training Datasets Required for the Development of Linear ECG-Lead Transformations. , 2021, , .		0
175	Domain Led Time Series Analysis Of Cardiovascular Disease Using Open Data - Does Reduction in Coronary Disease Increase Heart Failure Prevalence?. , 2021, , .		0
176	Pediatric defibrillation shocks alone do not cause heart damage in a porcine model. Resuscitation Plus, 2022, 9, 100203.	1.7	0
177	A nurse-led pre-hospital triage service for identifying patients with occlusive myocardial infarction: a service evaluation. British Journal of Cardiac Nursing, 2022, 17, 1-10.	0.1	0