Paul Rubel

List of Publications by Year
in descending order

37 papers	1,112 citations	687363 13 h-index	477307 29 g-index
41 all docs	41 docs citations	41 times ranked	1024 citing authors

#	Article	IF	Citations
1	The History and Challenges of SCP-ECG: The Standard Communication Protocol for Computer-Assisted Electrocardiography. Hearts, 2021, 2, 384-409.	0.9	8
2	False Alarm Reduction in Self-Care by Personalized Automatic Detection of ECG Electrode Cable Interchanges. International Journal of Telemedicine and Applications, 2020, 2020, 1-8.	2.0	1
3	An ECG Web Services Portal for Standard and Serial ECG Analysis with Enhanced 3D Graphical Capabilities. , 2017, , .		2
4	Context-aware mobile services adaptation to dynamic resources. Application to mHealth. , 2012, , .		0
5	Wearable Electronic Systems: Applications to Medical Diagnostics/Monitoring. , 2011, , 179-203.		15
6	Toward a Personal Health Society in Cardiology. IEEE Transactions on Information Technology in Biomedicine, 2010, 14, 401-409.	3.2	60
7	A Novel Neural-Network Model for Deriving Standard 12-Lead ECGs From Serial Three-Lead ECGs: Application to Self-Care. IEEE Transactions on Information Technology in Biomedicine, 2010, 14, 883-890.	3.2	76
8	An Automatic Approach to Generate XML Schemas from Relational Models. , 2010, , .		2
9	An XML-based framework for automating data exchange in healthcare. , 2010, , .		6
10	Information System Architecture for Wearable Cardiac Sensors Personalization. , 2009, , .		1
11	An ontology-based telemedicine tasks management system architecture. , 2008, 2008, 1494-7.		4
12	Web and Grid Services for Improving Ambient Intelligence Embedded in Pervasive, Personal ECG devices. , 2008, , .		2
13	Ambient Intelligence and Pervasive Architecture Designed within the EPI-MEDICS Personal ECG Monitor. International Journal of Healthcare Information Systems and Informatics, 2008, 3, 68-80.	0.9	16
14	A Generic Task-Driven Multi-Agent Telemedicine System. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 3733-6.	0.5	5
15	Improvement of the detection of myocardial ischemia thanks to information technologies. International Journal of Cardiology, 2007, 120, 172-180.	1.7	24
16	Spatiotemporal electrocardiographic characterization of ventricular depolarization and repolarization abnormalities in long QT syndrome. Journal of Electrocardiology, 2007, 40, 368-374.	0.9	7
17	Can the lessons learned from the assessment of automated electrocardiogram analysis in the Common Standards for quantitative Electrocardiography study benefit measurement of delayed contrast-enhanced magnetic resonance images?. Journal of Electrocardiology, 2007, 40, 246-250.	0.9	7
18	Wavelet transform for analysis of heart rate variability preceding ventricular arrhythmias in patients with ischemic heart disease. International Journal of Cardiology, 2006, 109, 101-107.	1.7	28

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19	Beat-to-beat variations of the electrocardiogram in survivors of sudden death without structural heart disease. Journal of Electrocardiology, 2006, 39, 310-314.	0.9	2
20	Toward personal eHealth in cardiology. Results from the EPI-MEDICS telemedicine project. Journal of Electrocardiology, 2005, 38, 100-106.	0.9	100
21	New paradigms in telemedicine: ambient intelligence, wearable, pervasive and personalized. Studies in Health Technology and Informatics, 2004, 108, 123-32.	0.3	16
22	QT Dynamicity and Sudden Death After Myocardial Infarction:. Journal of Cardiovascular Electrophysiology, 2003, 14, 227-233.	1.7	85
23	Early repolarization: friend or foe?. American Journal of Medicine, 2003, 115, 237-240.	1.5	2
24	Adaptive user interface customization through browsing knowledge capitalization. International Journal of Medical Informatics, 2002, 68, 219-228.	3.3	11
25	Modeling of Ventricular Repolarisation Time Series by Multi-Layer Perceptrons. Lecture Notes in Computer Science, 2001, , 152-155.	1.3	2
26	Quantitative Aspects of Ventricular Repolarization.. Annals of Noninvasive Electrocardiology, 1997, 2, 146-157.	1.1	35
27	Heterogeneous Effect of Quinidine on the Ventricular Depolarization Process Assessed by the Spatial Velocity Electrocardiogram of the QRS Complex. Cardiology, 1996, 87, 129-133.	1.4	1
28	Interactive and dynamic ECG analysis. Journal of Electrocardiology, 1996, 29, 21-25.	0.9	6
29	Are serial holter QT, late potential, and wavelet measurement clinically useful?. Journal of Electrocardiology, 1996, 29, 52-61.	0.9	12
30	Stratification of time-frequency abnormalities in the signal-averaged high-resolution ECG in postinfarction patients with and without ventricular tachycardia and congenital long QT syndrome. Journal of Electrocardiology, 1996, 29, 180-188.	0.9	22
31	Quantitative assessment of 12-lead ECG synthesis using CAVIAR. Journal of Electrocardiology, 1992, 25, 137-142.	0.9	3
32	An improved method for the precise measurement of serial ECG changes in QRS duration and QT interval. Journal of Electrocardiology, 1991, 24, 123-127.	0.9	21
33	A standard communications protocol for computerized electrocardiography. Journal of Electrocardiology, 1991, 24, 173-178.	0.9	8
34	Quantitative assessment of eight different methods for synthesizing frank VCGs from simultaneously recorded standard ECG leads. Journal of Electrocardiology, 1991, 24, 197-202.	0.9	30
35	The Diagnostic Performance of Computer Programs for the Interpretation of Electrocardiograms. New England Journal of Medicine, 1991, 325, 1767-1773.	27.0	476
36	Planarity of the spatial QRS loop. Journal of Electrocardiology, 1989, 22, 143-152.	0.9	8

#	Article	IF	Citations
37	SCP:ECG V3.0: An enhanced Standard Communication Protocol for computer:assisted Electrocardiography. , 0, , .		5