

# Paul Rubel

## List of Publications by Year in descending order

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Version: 2024-02-01

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 Diagnostic Performance of Computer Programs for the Interpretation of Electrocardiograms. <i>New England Journal of Medicine</i> , 1991, 325, 1767-1773.	27.0	476
2	Toward personal eHealth in cardiology. Results from the EPI-MEDICS telemedicine project. <i>Journal of Electrocardiology</i> , 2005, 38, 100-106.	0.9	100
3	QT Dynamicity and Sudden Death After Myocardial Infarction:. <i>Journal of Cardiovascular Electrophysiology</i> , 2003, 14, 227-233.	1.7	85
4	A Novel Neural-Network Model for Deriving Standard 12-Lead ECGs From Serial Three-Lead ECGs: Application to Self-Care. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2010, 14, 883-890.	3.2	76
5	Toward a Personal Health Society in Cardiology. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2010, 14, 401-409.	3.2	60
6	Quantitative Aspects of Ventricular Repolarization.. <i>Annals of Noninvasive Electrocardiology</i> , 1997, 2, 146-157.	1.1	35
7	Quantitative assessment of eight different methods for synthesizing frank VCGs from simultaneously recorded standard ECG leads. <i>Journal of Electrocardiology</i> , 1991, 24, 197-202.	0.9	30
8	Wavelet transform for analysis of heart rate variability preceding ventricular arrhythmias in patients with ischemic heart disease. <i>International Journal of Cardiology</i> , 2006, 109, 101-107.	1.7	28
9	Improvement of the detection of myocardial ischemia thanks to information technologies. <i>International Journal of Cardiology</i> , 2007, 120, 172-180.	1.7	24
10	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. <i>Journal of Electrocardiology</i> , 1996, 29, 180-188.	0.9	22
11	An improved method for the precise measurement of serial ECG changes in QRS duration and QT interval. <i>Journal of Electrocardiology</i> , 1991, 24, 123-127.	0.9	21
12	Ambient Intelligence and Pervasive Architecture Designed within the EPI-MEDICS Personal ECG Monitor. <i>International Journal of Healthcare Information Systems and Informatics</i> , 2008, 3, 68-80.	0.9	16
13	New paradigms in telemedicine: ambient intelligence, wearable, pervasive and personalized. <i>Studies in Health Technology and Informatics</i> , 2004, 108, 123-32.	0.3	16
14	Wearable Electronic Systems: Applications to Medical Diagnostics/Monitoring. , 2011, , 179-203.		15
15	Are serial holter QT, late potential, and wavelet measurement clinically useful?. <i>Journal of Electrocardiology</i> , 1996, 29, 52-61.	0.9	12
16	Adaptive user interface customization through browsing knowledge capitalization. <i>International Journal of Medical Informatics</i> , 2002, 68, 219-228.	3.3	11
17	Planarity of the spatial QRS loop. <i>Journal of Electrocardiology</i> , 1989, 22, 143-152.	0.9	8
18	A standard communications protocol for computerized electrocardiography. <i>Journal of Electrocardiology</i> , 1991, 24, 173-178.	0.9	8

#	ARTICLE	IF	CITATIONS
19	The History and Challenges of SCP-ECG: The Standard Communication Protocol for Computer-Assisted Electrocardiography. <i>Hearts</i> , 2021, 2, 384-409.	0.9	8
20	Spatiotemporal electrocardiographic characterization of ventricular depolarization and repolarization abnormalities in long QT syndrome. <i>Journal of Electrocardiology</i> , 2007, 40, 368-374.	0.9	7
21	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?. <i>Journal of Electrocardiology</i> , 2007, 40, 246-250.	0.9	7
22	Interactive and dynamic ECG analysis. <i>Journal of Electrocardiology</i> , 1996, 29, 21-25.	0.9	6
23	An XML-based framework for automating data exchange in healthcare. , 2010, , .		6
24	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
25	SCP-ECG V3.0: An enhanced Standard Communication Protocol for computer:assisted Electrocardiography. , 0, , .		5
26	An ontology-based telemedicine tasks management system architecture. , 2008, 2008, 1494-7.		4
27	Quantitative assessment of 12-lead ECG synthesis using CAVIAR. <i>Journal of Electrocardiology</i> , 1992, 25, 137-142.	0.9	3
28	Early repolarization: friend or foe?. <i>American Journal of Medicine</i> , 2003, 115, 237-240.	1.5	2
29	Beat-to-beat variations of the electrocardiogram in survivors of sudden death without structural heart disease. <i>Journal of Electrocardiology</i> , 2006, 39, 310-314.	0.9	2
30	Web and Grid Services for Improving Ambient Intelligence Embedded in Pervasive, Personal ECG devices. , 2008, , .		2
31	An Automatic Approach to Generate XML Schemas from Relational Models. , 2010, , .		2
32	An ECG Web Services Portal for Standard and Serial ECG Analysis with Enhanced 3D Graphical Capabilities. , 2017, , .		2
33	Modeling of Ventricular Repolarisation Time Series by Multi-Layer Perceptrons. <i>Lecture Notes in Computer Science</i> , 2001, , 152-155.	1.3	2
34	Heterogeneous Effect of Quinidine on the Ventricular Depolarization Process Assessed by the Spatial Velocity Electrocardiogram of the QRS Complex. <i>Cardiology</i> , 1996, 87, 129-133.	1.4	1
35	Information System Architecture for Wearable Cardiac Sensors Personalization. , 2009, , .		1
36	False Alarm Reduction in Self-Care by Personalized Automatic Detection of ECG Electrode Cable Interchanges. <i>International Journal of Telemedicine and Applications</i> , 2020, 2020, 1-8.	2.0	1

#	ARTICLE	IF	CITATIONS
37	Context-aware mobile services adaptation to dynamic resources. Application to mHealth. , 2012, , .		0