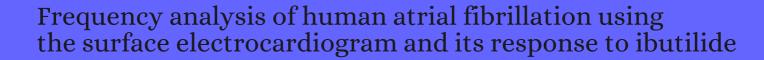
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#	Paper	IF	Citations
231	Automated QRST subtraction algorithm for analysis of T wave obscured ectopic atrial beats.		
230	Spectral analysis of the electrocardiogram predicts recurrence of atrial fibrillation after cardioversion. 1998 , 31 Suppl, 80-4		18
229	Electrical Properties of Pt/SrBi2Ta2O9/CeO2/SiO2/Si Structure for Nondestructive Readout Memory. 1998 , 37, 4373-4376		18
228	Review of methods to predict and detect atrial fibrillation in post-cardiac surgery patients. 1999 , 32 Suppl, 23-8		6
227			2
226	Clinical potential of emerging antiarrhythmic agents. 1999 , 1, 279-90		2
225	Intravenous therapy for atrial fibrillation: more choices, more questions, more trials. 1999 , 137, 992-5		4
224	Circadian variations in atrial fibrillatory frequency in persistent human atrial fibrillation. 2000 , 23, 1867-7	'1	34
223	Atrial electrophysiological effects of ibutilide infusion in humans. 2000 , 23, 832-6		12
222	Circadian Modulation of Atrial Cycle Length in Human Chronic Permanent Atrial Fibrillation: A Noninvasive Assessment Using Long-Term Surface ECG. 2000 , 5, 270-278		1
221	Automated discrimination between atrial fibrillation and atrial flutter in the resting 12-lead electrocardiogram. 2000 , 33 Suppl, 123-5		15
220	Determination of fibrillatory frequency for assessment of the atrial electrophysiologic state in human atrial fibrillation []2000, 11, 77-87		
219	Stable microreentrant sources as a mechanism of atrial fibrillation in the isolated sheep heart. 2000 , 101, 194-9		584
218	Atrial activity extraction based on blind source separation as an alternative to QRST cancellation for atrial fibrillation analysis.		20
217			
216	Spectral characteristics of human atrial fibrillation waves of the right atrial free wall with respect to the duration of atrial fibrillation and effect of class I antiarrhythmic drugs. 2001 , 65, 1047-51		34
215	Electrocardiographic analysis of ectopic atrial activity obscured by ventricular repolarization: P wave isolation using an automatic 62-lead QRST subtraction algorithm. 2001 , 12, 780-90		14

(2002-2001)

214	Response of atrial fibrillatory activity to carotid sinus massage in patients with atrial fibrillation. 2001 , 24, 1363-8	20
213	Electrocardiographic characteristics in patients with nonrheumatic atrial fibrillation and their relation to echocardiographic parameters. 2001 , 24, 1507-13	8
212	Atrial fibrillationWhere do we stand today?. 2001 , 250, 19-28	11
211	. 2001 , 5, 177-182	О
210	Characterization of atrial fibrillation using the surface ECG: time-dependent spectral properties. 2001 , 48, 19-27	81
209	Frequency domain algorithm for quantifying atrial fibrillation organization to increase defibrillation efficacy. 2001 , 48, 969-78	133
208	Chemical cardioversion of atrial fibrillation or flutter with ibutilide in patients receiving amiodarone therapy. 2001 , 103, 253-7	58
207	Assessment of global atrial fibrillation organization to optimize timing of atrial defibrillation. 2001 , 103, 2857-61	95
206	Time-frequency characterization of atrial arrhythmias using principal decomposition.	1
205	New Bayesian discriminator for detection of atrial tachyarrhythmias. 2002 , 105, 1472-9	16
204	Vector analysis of atrial activity from surface ECGs recorded during atrial fibrillation.	3
203	The influence of QRS cancellation on signal characteristics of atrial fibrillation in the surface electrocardiogram.	4
202	QRST subtraction combined with a pacemap catalogue for the prediction of ectopy source by surface electrocardiogram in patients with paroxysmal atrial fibrillation. 2002 , 40, 2013-21	9
201	Atrial fibrillation, atrial flutter and normal sinus rhythm discrimination by means of blind source separation and spectral parameters extraction.	11
200	Shape characterization of atrial fibrillation using time-frequency analysis.	7
199	Importance of left atrial diameter and atrial fibrillatory frequency for conversion of persistent atrial fibrillation with oral flecainide. <i>American Journal of Cardiology</i> , 2002 , 90, 1011-4	45
198	Left atrial appendage function and pulmonary venous flow in patients with nonrheumatic atrial fibrillation and their relation to spontaneous echo contrast. 2002 , 19, 37-43	13
197	Atrial fibrillatory frequency predicts atrial defibrillation threshold and early arrhythmia recurrence in patients undergoing internal cardioversion of persistent atrial fibrillation. 2002 , 25, 1179-84	52

196	Spectral analysis of chronic atrial fibrillation and its relation to minimal defibrillation energy. 2002 , 25, 1747-51	34
195	Patients with persistent atrial fibrillation taking oral verapamil exhibit a lower atrial frequency on the ECG. 2002 , 7, 92-7	8
194	Detection of autonomic modulation in permanent atrial fibrillation. 2003, 41, 625-9	17
193	The effect of QRS cancellation on atrial fibrillatory wave signal characteristics in the surface electrocardiogram. 2003 , 36, 243-9	30
192	New method of determining the atrial fibrillation cycle length during human atrial fibrillation. 2003 , 14, 965-70	5
191	Quantifying intracardiac organization of atrial arrhythmias using temporospatial phase of the electrocardiogram. 2003 , 14, 971-81	13
190	Frequency measures obtained from the surface electrocardiogram in atrial fibrillation research and clinical decision-making. 2003 , 14, S154-61	45
189	Stationarity of surface ECG atrial fibrillatory wave characteristics in the time and frequency domains in clinically stable patients. 2003 ,	
188	Decrease in the spatial dispersion at the termination of atrial fibrillation by intravenous cibenzoline. 2003 , 67, 810-5	6
187	Role of fibrillation cycle length in spontaneous and drug-induced termination of human atrial fibrillation. 2003 , 67, 391-5	40
186	Predicting spontaneous termination of atrial fibrillation with time-frequency information.	5
185	Surface ECG vector characteristics of organized and disorganized atrial activity during atrial fibrillation. 2004 , 37 Suppl, 91-7	18
184	Sequential characterization of atrial tachyarrhythmias based on ECG time-frequency analysis. 2004 , 51, 100-14	97
183	Atrial activity extraction for atrial fibrillation analysis using blind source separation. 2004, 51, 1176-86	153
182	Temporal and spatial phase analyses of the electrocardiogram stratify intra-atrial and intra-ventricular organization. 2004 , 51, 1749-64	17
181	Atrial fibrillatory frequency, atrial fibrillatory rate, or atrial cycle lengthdoes it matter?. <i>American Journal of Cardiology</i> , 2004 , 94, 147	12
180	Analysis of the surface electrocardiogram for monitoring and predicting antiarrhythmic drug effects in atrial fibrillation. 2004 , 18, 377-86	19
179	Atrial fibrillatory wave characteristics on surface electrogram: ECG to ECG repeatability over twenty-four hours in clinically stable patients. 2004 , 15, 911-7	47

(2005-2004)

178	Surface atrial frequency analysis in patients with atrial fibrillation: a tool for evaluating the effects of intervention. 2004 , 15, 1021-6		41	
177	Is analysis of fibrillatory waves useful for treatment of atrial fibrillation?. 2004, 15, 918-9		11	
176	Analysis of the surface electrocardiogram to predict termination of atrial fibrillation: the 2004 computers in cardiology/physionet challenge.		11	
175	Relation of pulmonary venous fibrillatory rates to rates obtained from the surface electrocardiogram in persistent atrial fibrillation.		1	
174	Characterization of atrial tachyarrhythmias by means of time frequency analysis.			
173	Relationship between pattern of occurrence of atrial fibrillation and surface electrocardiographic fibrillatory wave characteristics. 2004 , 1, 656-63		39	
172	Drug-induced changes in fibrillation cycle length and organization index can predict chemical cardioversion of long-lasting atrial fibrillation with bepridil alone or in combination with aprindine. 2004 , 68, 1139-45		21	
171	Atrial activity extraction from atrial fibrillation episodes based on maximum likelihood source separation. 2005 , 85, 523-535		19	
170	Determinants and prognostic significance of immediate atrial fibrillation recurrence following cardioversion in patients undergoing pulmonary vein isolation. 2005 , 28, 119-25		7	
169	Pilot study: Noninvasive monitoring of oral flecainides effects on atrial electrophysiology during persistent human atrial fibrillation using the surface electrocardiogram. 2005 , 10, 206-10		7	
168	Fibrillation cycle length and fibrillatory rate obtained from peak frequency of fibrillation waves. <i>American Journal of Cardiology</i> , 2005 , 95, 1024	3		
167	Time-frequency analysis of the surface electrocardiogram for monitoring antiarrhythmic drug effects in atrial fibrillation. <i>American Journal of Cardiology</i> , 2005 , 95, 526-8	3	41	
166	Spatiotemporal blind source separation approach to atrial activity estimation in atrial tachyarrhythmias. 2005 , 52, 258-67		93	
165	Electrophysiological characteristics and catheter ablation in patients with paroxysmal right atrial fibrillation. 2005 , 112, 1692-700		82	
164	Epicardial atrial activation assessment from the surface ECG in atrial fibrillation. 2005,		1	
163	Atrial Fibrillation and Atrial Fibrillation Intervals E requency Analysis and Interpretation[[<i>Journal of Arrhythmia</i> , 2005 , 21, 495-509	1.5	1	
162	. 2005,		2	
161	Separating atrial flutter from atrial fibrillation with apparent electrocardiographic organization using dominant and narrow F-wave spectra. 2005 , 46, 2079-87		32	

160	Discrimination between atrial flutter and atrial fibrillation by computing a flutter index. 2005,		2
159	Systematic evaluation of time-frequency parameters from surface electrocardiograms for monitoring amiodarone effects in atrial fibrillation. 2005 ,		1
158	Evaluating fluctuations in human atrial fibrillatory cycle length using monophasic action potentials. 2006 , 29, 1209-18		38
157	Transthoracic tissue Doppler imaging of the atria: a novel method to determine the atrial fibrillation cycle length. 2006 , 17, 1202-9		16
156	Can Mapping and Ablation of Atrial Fibrillation Be Guided by Frequency Analysis of Fibrillatory Waves?. 2006 , 17, S44-S49		8
155	Tissue Doppler imaging determining the atrial fibrillation cycle length: an alternative to the electrophysiologic study or not?. 2006 , 17, 1210-2		2
154	Signal processing methods for information enhancement in atrial fibrillation: Spectral analysis and non-linear parameters. <i>Biomedical Signal Processing and Control</i> , 2006 , 1, 271-281	4.9	15
153	Predicting spontaneous termination of atrial fibrillation using the surface ECG. 2006 , 28, 802-8		66
152	Electrocardiology of atrial fibrillation. Current knowledge and future challenges. 2006 , 25, 15-23		39
151	Atrial fibrillation and waveform characterization. A time domain perspective in the surface ECG. 2006 , 25, 24-30		91
150	Prediction of sinus rhythm maintenance following DC-cardioversion of persistent atrial fibrillation - the role of atrial cycle length. 2006 , 6, 11		17
149	Frequency tracking of atrial fibrillation using Hidden Markov Models. 2006 , 2006, 1406-9		
148	Atrial fibrillatory rate and sinus rhythm maintenance in patients undergoing cardioversion of persistent atrial fibrillation. 2006 , 27, 2201-7		50
147	Analysis of surface electrocardiograms in atrial fibrillation: techniques, research, and clinical applications. <i>Europace</i> , 2006 , 8, 911-26	3.9	127
146	Information Enrichment Service Systems. 2007,		1
145	The role of independent component analysis in the signal processing of ECG recordings. 2007 , 52, 18-24		13
144	Exercise testing for non-invasive assessment of atrial electrophysiological properties in patients with persistent atrial fibrillation. <i>Europace</i> , 2007 , 9, 627-32	3.9	7
143	Electrocardiographic characteristics of fibrillatory waves in new-onset atrial fibrillation. <i>Europace</i> , 2007 , 9, 638-42	3.9	22

(2007-2007)

142	Abrupt changes in fibrillatory wave characteristics at the termination of paroxysmal atrial fibrillation in humans. <i>Europace</i> , 2007 , 9, 466-70	.9	93
141	Comparative study of methods for ventricular activity cancellation in atrial electrograms of atrial fibrillation. 2007 , 28, 925-36		34
140	The effect of internal DC shocks on the atrial fibrillation frequency. 2007, 2007, 2591-4		
139	Time-frequency characterization of atrial fibrillation from surface ECG based on Hilbert-Huang transform. 2007 , 31, 381-9		9
138	Common spatial pattern: An improved method for atrial fibrillation wave extraction. 2007,		1
137	Principal Component Analysis in ECG Signal Processing. 2007 , 2007, 1		150
136	Spectral analysis of atrial fibrillation cycle lengths: comparison between fast Fourier transform analysis and autocorrelation function analysis using multipurpose physio-informatic analysis software. 2007 , 71, 242-51		4
135	Pharmacological cardioversion of long-lasting atrial fibrillation. 2007 , 71 Suppl A, A69-74		2
134	Atrial fibrillatory rate and risk of left atrial thrombus in atrial fibrillation. <i>Europace</i> , 2007 , 9, 621-6	.9	6
133	Electroatriography - time-frequency analysis of atrial fibrillation from modified 12-lead ECG configurations for improved diagnosis and therapy. 2007 , 68, 568-73		13
132	Predicting Termination of Atrial Fibrillation Based on Shape Analysis in Reconstructed State Space. 2007 ,		O
131	Non-linear Regularity Analysis of Cardiac Atrial Signals. 2007 ,		
130	A Gaussian mixture model for time-frequency analysis of atrial fibrillation electrocardiograms. 2007 , 2007, 271-4		3
129	Pharmacological Therapy for Fibrillations. <i>Journal of Arrhythmia</i> , 2007 , 23, 102-114	5	
128	Using electrocardiographic activation time and diastolic intervals to separate focal from macro-re-entrant atrial tachycardias. 2007 , 49, 1965-73		32
127	Validation and clinical application of time-frequency analysis of atrial fibrillation electrocardiograms. 2007 , 18, 41-6		57
126	Short-term dynamics in fibrillatory wave characteristics at the onset of paroxysmal atrial fibrillation in humans. 2007 , 40, 155-60		9
125	Cancellation of ventricular activity in the ECG: evaluation of novel and existing methods. 2007 , 54, 542-6		62

124	EIT image reconstruction with four dimensional regularization. 2008, 46, 889-99		9
123	Spatial characteristics of atrial fibrillation electrocardiograms. 2008, 41, 165-72		8
122	Caracterizacili no invasiva de la actividad auricular durante los instantes previos a la terminacili de la fibrilacili auricular paroxilica. 2008 , 61, 154-160		9
121	Non-Invasive Characterization of Atrial Activity Immediately Prior to Termination of Paroxysmal Atrial Fibrillation. 2008 , 61, 154-160		4
120	The role of atrial remodeling for ablation of atrial fibrillation. 2008, 85, 474-80		3
119	Frequency tracking of atrial fibrillation using hidden Markov models. 2008 , 55, 502-11		49
118	Spatiotemporal characterization of atrial activation in persistent human atrial fibrillation: multisite electrogram analysis and surface electrocardiographic correlationsa pilot study. 2008 , 5, 686-93		46
117	Consistency of complex fractionated atrial electrograms during atrial fibrillation. 2008 , 5, 406-12		110
116	Frequency analysis of the fibrillatory activity from surface ECG lead V1 and intracardiac recordings: implications for mapping of AF. <i>Europace</i> , 2008 , 10, 438-43	9	20
115	Atrial fibrillation analysis using Bessel Kernel based time frequency distribution technique. 2008,		2
114	Adaptive singular value cancelation of ventricular activity in single-lead atrial fibrillation electrocardiograms. 2008 , 29, 1351-69		68
113	Nonlinear analysis of the ECG during atrial fibrillation in patients for low energy internal cardioversion. 2008 , 2008, 1619-22		2
112	Attenuating Effects of Anti-Arrhythmic Agents on Changes in Fibrillation Cycle Length in Very Early Phase Paroxysmal Atrial Fibrillation-Spectral Analysis of Fibrillation Waves in Surface ECG <i>Journal of Arrhythmia</i> , 2009 , 25, 135-141	5	0
111	Orthogonal basis expansion based atrial activity reconstruction for atrial fibrillation electrocardiogram analysis. 2009 , 2009, 1820-3		O
110	Waveform characterization of atrial fibrillation using phase information. 2009, 56, 1081-9		19
109	Analysis of surface atrial signals: time series with missing data?. 2009 , 37, 2082-92		19
108	Right atrial organization and wavefront analysis in atrial fibrillation. 2009, 47, 1237-46		14
107	Electrocardiographic measurements of regional atrial fibrillation cycle length. 2009 , 32 Suppl 1, S66-71		11

(2011-2009)

106	Noninvasive evidence of shortened atrial refractoriness during sinus rhythm in patients with paroxysmal atrial fibrillation. 2009 , 32, 302-7	8
105	Manifestation of left atrial events and interatrial frequency gradients in the surface electrocardiogram during atrial fibrillation: contributions from posterior leads. 2009 , 20, 1231-6	21
104	Surface ECG organization analysis to predict paroxysmal atrial fibrillation termination. 2009, 39, 697-706	11
103	Clinical predictors of termination and clinical outcome of catheter ablation for persistent atrial fibrillation. 2009 , 54, 788-95	148
102	Use of frequency analysis on the ECG for the prognosis of low energy cardioversion treatment of atrial fibrillation. 2009 , 2009, 372-5	1
101	Attenuating Effects of Anti-Arrhythmic Agents on Changes in Fibrillation Cycle Length in Very Early Phase Paroxysmal Atrial Fibrillation Spectral Analysis of Fibrillation Waves in Surface ECGI 1.5 Journal of Arrhythmia, 2009, 25, 135-141	
100	Analysis of atrial fibrillation: from electrocardiogram signal processing to clinical management. 2009 , 367, 235-53	15
99	A review on sample entropy applications for the non-invasive analysis of atrial fibrillation electrocardiograms. <i>Biomedical Signal Processing and Control</i> , 2010 , 5, 1-14	108
98	Investigation of human identification using two-lead Electrocardiogram (ECG) signals. 2010,	64
97	R-point detection for noise affected ECG recording through signal segmentation. 2010 , 2010, 638-41	4
96	Morphological characteristics of the Holter P-waves associated with pulmonary vein pacing. <i>Europace</i> , 2010 , 12, 124-9	
95	Radial Function Based Kernel Design for Time-Frequency Distributions. 2010 , 58, 3395-3400	2
94	Arrhythmia detection and classification using morphological and dynamic features of ECG signals. 2010 , 2010, 1918-21	18
93	Time-frequency analysis compensating missing data for Atrial Fibrillation ECG assessment. 2011 ,	1
92	Early temporal and spatial regularization of persistent atrial fibrillation predicts termination and arrhythmia-free outcome. 2011 , 8, 1374-82	21
91	Heart detection and diagnosis based on ECG and EPCG relationships. 2011 , 4, 133-44	5
90	Left atrial appendage activity translation in the standard 12-lead ECG. 2011 , 22, 706-10	5
89	Atrial fibrillatory rate and irregularity of ventricular response as predictors of clinical outcome in patients with atrial fibrillation. 2011 , 44, 673-7	14

88	Validation of surface atrial fibrillation organization indicators through invasive recordings. 2011 , 2011, 5519-22		1
87	An Intelligent Atrial Fibrillation Wireless Monitoring System Based on Nonlinear Bind Source Extraction Algorithm. 2011 , 128-129, 74-78		
86	Low atrial fibrillatory rate is associated with poor outcome in patients with mild to moderate heart failure. 2012 , 5, 77-83		13
85	Measures of spatiotemporal organization differentiate persistent from long-standing atrial fibrillation. <i>Europace</i> , 2012 , 14, 1125-31	3.9	20
84	Event synchronous adaptive filter based atrial activity estimation in single-lead atrial fibrillation electrocardiograms. 2012 , 50, 801-11		7
83	An echo state neural network for QRST cancellation during atrial fibrillation. 2012 , 59, 2950-7		44
82	Correlations among the frequencies of atrial activity on the surface electrocardiogram, intracardiac atrial electrograms, and the atrial effective refractory period in patients with atrial fibrillation. 2012 , 45, 296-303		2
81	Atrial activity extraction from single lead ECG recordings: evaluation of two novel methods. 2013 , 43, 176-83		27
80	Atrial activity selection for atrial fibrillation ECG recordings. 2013, 43, 1628-36		8
79	Non-invasive identification of stable rotors and focal sources for human atrial fibrillation: mechanistic classification of atrial fibrillation from the electrocardiogram. <i>Europace</i> , 2013 , 15, 1249-58	3.9	6
78	Low atrial fibrillatory rate is associated with spontaneous conversion of recent-onset atrial fibrillation. <i>Europace</i> , 2013 , 15, 1445-52	3.9	17
77	Noninvasive localization of maximal frequency sites of atrial fibrillation by body surface potential mapping. 2013 , 6, 294-301		83
76	Long-term characterization of persistent atrial fibrillation: wave morphology, frequency, and irregularity analysis. 2014 , 52, 1053-60		10
75	Atrial fibrillatory rate in the clinical context: natural course and prediction of intervention outcome. <i>Europace</i> , 2014 , 16 Suppl 4, iv110-iv119	3.9	22
74	Beta-blockade and A1-adenosine receptor agonist effects on atrial fibrillatory rate and atrioventricular conduction in patients with atrial fibrillation. <i>Europace</i> , 2014 , 16, 587-94	3.9	18
73	Non-invasive evaluation of the effect of metoprolol on the atrioventricular node during permanent atrial fibrillation. <i>Europace</i> , 2014 , 16 Suppl 4, iv129-iv134	3.9	5
72	On the preprocessing of atrial electrograms in atrial fibrillation: understanding Botteron's approach. 2014 , 37, 133-43		15
71	Risk factors for atrial fibrillation recurrence: a literature review. 2014 , 15, 235-53		37

70	Relationship between the electrocardiographic atrial fibrillation cycle length and left atrial remodeling: a detailed electroanatomic mapping study. 2014 , 11, 670-6		6
69	Frequency analysis of surface electrocardiograms (ECGs) in patients with persistent atrial fibrillation: Correlation with the intracardiac ECGs and implications for radiofrequency catheter ablation. <i>Journal of Arrhythmia</i> , 2014 , 30, 453-459	1.5	4
68	Rapid slowing of the atrial fibrillatory rate after administration of AZD7009 predicts conversion of atrial fibrillation. 2014 , 47, 316-23		6
67	The ECG as a tool to determine atrial fibrillation complexity. 2014 , 100, 1077-84		26
66	Progression of atrial fibrillation from paroxysmal to persistent. 2014 , 78, 1058-60		2
65	Surface ECG f Wave Analysis of Dofetilide Drug Effect in the Atrium. 2015 , 26, 644-8		9
64	Empirical mode decomposition of multiple ECG leads for catheter ablation long-term outcome prediction in persistent atrial fibrillation. 2015 , 2015, 105-8		
63	Principal component analysis of atrial fibrillation: inclusion of posterior ECG leads does not improve correlation with left atrial activity. 2015 , 37, 251-5		1
62	Predictors of successful cardioversion with vernakalant in patients with recent-onset atrial fibrillation. 2015 , 20, 140-7		8
61	Ability of magnetocardiography to detect regional dominant frequencies of atrial fibrillation. <i>Journal of Arrhythmia</i> , 2015 , 31, 345-51	1.5	17
60	Evaluating the Atrial Myopathy Underlying Atrial Fibrillation: Identifying the Arrhythmogenic and Thrombogenic Substrate. 2015 , 132, 278-91		138
59	A modified Lewis ECG lead system for ambulatory monitoring of atrial arrhythmias. 2015 , 48, 157-63		12
58	Frequency analysis of atrial fibrillation from the specific ECG leads V7-V9: A lower DF in lead V9 is a marker of potential atrial remodeling. 2015 , 66, 388-94		6
57	Application of Hurst exponents to assess atrial reverse remodeling in paroxysmal atrial fibrillation. 2015 , 36, 2231-46		4
56	Frequency Analysis of Surface ECG in Atrial Fibrillation. 2016 , 36, 161-166		
55	Non-invasive prediction of catheter ablation outcome in persistent atrial fibrillation by fibrillatory wave amplitude computation in multiple electrocardiogram leads. 2016 , 109, 679-688		9
54	Noninvasive Estimation of Epicardial Dominant High-Frequency Regions During Atrial Fibrillation. 2016 , 27, 435-42		23
53	Electrocardiographic Spectral Features for Long-Term Outcome Prognosis of Atrial Fibrillation Catheter Ablation. 2016 , 44, 3307-3318		13

52	The positive frequency-dependent electrophysiological effects of the IKur inhibitor XEN-D0103 are desirable for the treatment of atrial fibrillation. 2016 , 13, 555-64		32
51	Intervention for persistent atrial fibrillation: Prediction of treatment response. 2016 , 13, 1028-1029		
50	Surface ECG f Wave Analysis at Initial Onset of Paroxysmal and Persistent Atrial Fibrillation. 2017 , 28, 498-503		2
49	Electrocardiographic spatial loops indicate organization of atrial fibrillation minutes before ablation-related transitions to atrial tachycardia. 2017 , 50, 307-315		3
48	Modeling Atrial Fibrillation using Human Embryonic Stem Cell-Derived Atrial Tissue. <i>Scientific Reports</i> , 2017 , 7, 5268	4.9	45
47	Applications of Nonlinear Methods to Atrial Fibrillation. 2017 , 387-426		2
46	Current Medical and Technical Concepts in the Analysis of Endocardial Signals in Atrial Fibrillation. 2017 , 51, 183-188		
45	Spectral and spatiotemporal variability ECG parameters linked to catheter ablation outcome in persistent atrial fibrillation. 2017 , 88, 126-131		3
44	An Extended Bayesian Framework for Atrial and Ventricular Activity Separation in Atrial Fibrillation. 2017 , 21, 1573-1580		9
43	Parameter estimation in block term decomposition for noninvasive atrial fibrillation analysis. 2017,		5
42	Effect of flecainide on atrial fibrillatory rate in a large animal model with induced atrial fibrillation. 2017 , 17, 289		12
41	Lead Systems and Recording Devices. 2018 , 25-48		O
40	Characterization of f Waves. 2018 , 221-279		1
39	Extraction of f Waves. 2018 , 137-220		2
38	Longitudinal study of electrical, functional and structural remodelling in an equine model of atrial fibrillation. 2019 , 19, 228		14
37	Effects of dofetilide and ranolazine on atrial fibrillatory rate in a horse model of acutely induced atrial fibrillation. 2019 , 30, 596-606		8
36	Prediction and Management of Recurrences after Catheter Ablation in Atrial Fibrillation and Heart Failure. 2019 , 37, 221-230		3
35	Signal Analysis in Atrial Fibrillation. 2019, 331-350		О

34	Cardiovascular ComputingMethodologies and Clinical Applications. 2019 ,		2
33	Prediction of atrial fibrillation recurrence before catheter ablation using an adaptive nonlinear and non-stationary surface ECG analysis. 2019 , 514, 9-19		1
32	Multi-scale Entropy Evaluates the Proarrhythmic Condition of Persistent Atrial Fibrillation Patients Predicting Early Failure of Electrical Cardioversion. 2020 , 22,		1
31	Computational Diagnostic Techniques for Electrocardiogram Signal Analysis. <i>Sensors</i> , 2020 , 20,	3.8	17
30	The impact of the dominant frequency of body surface electrocardiography in patients with persistent atrial fibrillation. <i>Heart and Vessels</i> , 2020 , 35, 967-976	2.1	2
29	Graph-time spectral analysis for atrial fibrillation. <i>Biomedical Signal Processing and Control</i> , 2020 , 59, 101915	4.9	7
28	Minor allele of GJA1 gene polymorphism is associated with higher heart rate during atrial fibrillation. <i>Scientific Reports</i> , 2021 , 11, 2549	4.9	1
27	Using machine learning to identify local cellular properties that support re-entrant activation in patient-specific models of atrial fibrillation. <i>Europace</i> , 2021 , 23, i12-i20	3.9	4
26	Relationship between atrial fibrillatory rate based on analysis of a modified base-apex surface electrocardiogram analysis and the results of transvenous electrical cardioversion in horses with spontaneous atrial fibrillation. <i>Journal of Veterinary Cardiology</i> , 2021 , 34, 73-79	1.9	2
25	Derivation of Atrial Surface Reentries Applying ICA to the Standard Electrocardiogram of Patients in Postoperative Atrial Fibrillation. <i>Lecture Notes in Computer Science</i> , 2006 , 478-485	0.9	1
24	Extraction of ECG Characteristics Using Source Separation Techniques: Exploiting Statistical Independence and Beyond. 2009 , 15-47		8
23	Understanding Atrial Fibrillation: The Signal Processing Contribution, Part I. <i>Synthesis Lectures on Biomedical Engineering</i> , 2008 , 3, 1-129	0.3	5
22	Non-Invasive Estimation Of Left Atrial Dominant Frequency In Atrial Fibrillation From Different Electrode Sites: Insight From Body Surface Potential Mapping. <i>Journal of Atrial Fibrillation</i> , 2014 , 7, 113	31 ^{0.8}	3
21	Exploiting Spatiotemporal Information for Blind Atrial Activity Extraction in Atrial Arrhythmias. <i>Lecture Notes in Computer Science</i> , 2004 , 18-25	0.9	
20	Atrial Fibrillation and Atrial Fibrillation Intervals-Frequency Analysis and Interpretation <i>Journal of Arrhythmia</i> , 2005 , 21, 495-509	1.5	
19	Reliable Atrial Activity Extraction from ECG Atrial Fibrillation Signals. <i>Lecture Notes in Computer Science</i> , 2011 , 621-629	0.9	1
18	Entwicklung einer Simulationsumgebung zur Untersuchung von Vorhofflimmern. <i>Informatik Aktuell</i> , 1999 , 172-176	0.3	
17	Frequency Analysis of Atrial Fibrillation Predicts Success for Low Energy Intracardiac Cardioversion. 2007 , 1017-1020		O

Hybrid Feature Vector Creation for Atrial Fibrillation Detection Improvement. **2007**, 1030-1033

15	Frequency analysis of atrial fibrillation from the surface electrocardiogram. <i>Indian Pacing and Electrophysiology Journal</i> , 2004 , 4, 122-36	1.5	13
14	Temporal and Spatial Indices of AF Regularization Predict Intraprocedural AF Termination and Outcome. <i>Journal of Atrial Fibrillation</i> , 2012 , 4, 507	0.8	
13	Clinical Use And Limitations Of Non-Invasive Electrophysiological Tests In Patients With Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , 2016 , 9, 1424	0.8	
12	Atrial Remodelling: Role in Atrial Fibrillation Ablation. Journal of Atrial Fibrillation, 2012, 5, 691	0.8	1
11	Prediction of Early Failure in Electrical Cardioversion of Atrial Fibrillation Using Refined Multiscale Entropy. 2020 ,		
10	Atrial fibrillatory rate as predictor of recurrence of atrial fibrillation in horses treated medically or with electrical cardioversion <i>Equine Veterinary Journal</i> , 2021 ,	2.4	О
9	Identification of atrial fibrillation drivers by means of concentric ring electrodes. 2022 , 148, 105957		
8	A comparative study of the performance of methods for f-wave extraction.		О
7	Introduction to Atrial Fibrillation. 2008 , 3-32		O
6	Atrial Activity Extraction from the ECG. 2008 , 53-80		0
5	Time Domain Analysis of Atrial Fibrillation. 2008 , 33-51		1
4	TimeErequency Analysis of Atrial Fibrillation. 2008, 81-102		О
3	The role of optimal and modified lead systems in electrocardiogram. 2023 , 311-340		О
2	Atrial Fibrillation Detection Based on Machine Learning From a Large-Scale Data Set of 12-Lead Electrocardiograms'.		О
1	Optimization of Atrial Fibrillation Detection Using Multiple Machine Learning Approaches Based on a Large-Scale Data Set of 12-Lead Electrocardiograms (Preprint).		O