

Index by Title Words

Ablation	831, 1051, 1115
Action Potential	357, 361, 551, 695, 699, 835
Adaptive Filters	527
Algorithm	129, 305, 313, 333, 409, 963, 1163
Anesthesia	1011, 1231
Angiograms	563
Aortic Atheromas	13
Arrhythmia	37, 45, 365, 487, 915, 919, 967, 971, 1035, 1119, 1187
Arterial Wave	29
Artery Models	5
Atrial Arrhythmia	487
Atrial Fibrillation	245, 539, 611, 723, 727, 731, 735, 739, 743, 875, 879, 903, 907, 911, 1039, 1043, 1047, 1051, 1055, 1059, 1063, 1115, 1183, 1191, 1195, 1199, 1203, 1235, 1243
Atrial Flutter	707
Atrial Modeling	903, 907, 911, 915, 919, 923, 1063, 1067, 1071, 1075, 1079, 1179, 1183, 1187
Atrial Wall	1067
Baroreflex	751, 759, 763
Beat Morphology	1167
Bioimpedance Monitor	927
Blood Pressure	221, 475, 795, 883, 887, 895, 1203, 1219, 1223, 1227, 1231
Body Surface Maps	535
Body Surface Potential	915, 919
Body Surface Potential Mapping	531
Bradycardia	1247
Cardiac Alternans	855
Cardiac Arrest	125, 129, 133, 137, 141, 145, 595, 1091, 1119
Cardiac Catheterization	229
Cardiac Computed Tomography	815, 819, 824, 827, 831
Cardiac Defibrillation	851
Cardiac Health	499
Cardiac Imaging	555, 559, 563, 567, 571, 575, 579, 1139, 1143, 1147, 1151, 1155, 1159
Cardiac Mechanics	795, 799, 803, 807, 811, 1099, 1103, 1107, 1111
Cardiography	405, 663
Cardiomyocytes	1239
Cardiomyopathy	117, 237
Cardiorespiratory Coupling	101, 105, 109, 113, 117, 121
Cardiotoxicity	249
Cardiovascular Signal Modeling	747, 751, 755, 759, 763, 767
Cardiovascular Variability	113
Cardioversion	879

Catheter Ablation	1051
Cell Repolarization	911
Challenge . 149, 153, 157, 161, 165, 169, 173, 177, 181, 185, 189, 197, 201, 205, 281, 285, 289, 293, 297, 301, 305, 309, 313, 317, 321, 325, 329, 333	
Challenge PhysioNet	193
Computer Model	41
Computing in Cardiology Challenge 2013 149, 153, 157, 161, 165, 169, 173, 177, 181, 185, 189, 193, 197, 201, 205	
CT	815
Data	643
Database	503, 551, 583
Defibrillation	667
Defibrillations Pads	803
Dialysis	209, 217
ECG . 149, 153, 161, 169, 173, 177, 189, 197, 201, 281, 285, 289, 297, 301, 305, 313, 317, 325, 333, 345, 377, 457, 507, 511, 515, 519, 523, 527, 531, 535, 539, 543, 547, 551, 587, 591, 595, 599, 651, 723, 731, 743, 859, 977, 1031, 1075, 1199, 1227	
ECG Measurement	771, 775, 779, 783, 787, 791
ECG Noise	787
ECG Signal Processing	947, 951, 955, 959, 963, 967, 971, 1163, 1167, 1171, 1175
Echocardiography	13, 233, 237, 241, 245, 249, 253, 273, 767, 1139, 1143, 1147, 1151
Electrocardiogram 9, 293, 353, 479, 515, 523, 655, 687, 727, 859, 863, 867, 871, 875, 879, 1059	
Electrogram	69, 551, 923, 1055
Electrophysiological Modeling	37, 41, 45, 49, 53, 57
Electrophysiological Modeling Techniques	361, 365, 369, 373
Electrophysiology	373, 389, 607, 611, 615, 619, 623, 1115, 1119, 1123, 1127, 1131, 1135
Epicardial Mapping	719
Epicardium	631
Epileptic Seizures	863
Exercise	121, 409, 547, 599, 751, 1083, 1087
FECG Record	157
Fetal Cardiac Rhythms	289
Fetal ECG	149, 153, 173, 177, 189, 197, 201, 281, 285, 297, 305, 317, 325, 333
Fetal Heart Beat	301, 329
Fetal Heart Rate	81, 85, 193, 197, 309, 333, 453
Fetal Heart Rate Variability	85
Fetal QRS	165, 169, 181, 185, 205, 293, 313, 321
Fibrosity	647
Glaucoma	225

Health Informatics	495, 499, 503, 507, 975, 977, 983
Heart Disease	277
Heart Electrogram	543
Heart Failure	1, 141, 261, 361, 465, 927, 991
Heart Monitor	495
Heart Orientation	543
Heart Rate	61, 77, 81, 93, 109, 193, 197, 475, 603, 671, 799, 927, 931, 935, 939, 943
Heart Rate Variability	77, 81, 89, 93, 97, 117, 121, 393, 397, 401, 405, 409, 413, 417, 421, 425, 429, 433, 437, 441, 445, 449, 453, 483, 755, 959, 987, 991, 995, 999, 1003, 1007, 1011, 1015, 1019, 1023, 1027, 1031, 1035, 1231
Heart Sounds	891
Heart Transplant	491
Heartbeat	89, 955
High Blood Pressure	261
Holter Monitoring	1095
Home Care	495
HRV	417, 441, 751
HRV Analysis	21
Hypotension	1219, 1223, 1227, 1231
ICD Implants	1095
Images	25
Imaging	643, 1059
Implanted Cardiac Device	471
Intravascular Imaging	1207, 1211, 1215
Ischemia	9, 385, 421, 583, 591
Ischemia Modeling	675, 679, 683, 687, 691, 695
Kalman Filter	53, 189, 193, 791
LightWAVE	17
Mapping	615
Meditation	1027
Mitral Valve	1143
Model	53, 57, 377, 539, 623, 747, 831, 867, 943, 971, 1011, 1163, 1187, 1243, 1247
Modeling	37, 45, 213, 389, 931, 1019, 1043, 1071, 1239
Modeling Electrophysiology	699, 703, 707, 711, 715, 719
Models	5, 41, 385, 679, 1143
Monitoring	257, 261, 265, 269, 273, 277, 465, 475, 671, 983
MRI	237, 559, 563, 567, 579, 627, 631, 635, 639, 643, 647
Myocardial Infarction	587, 619
Myocardial Infraction	145
Myocardial Ischemia	583, 587, 591, 595, 599, 603

Myocardial Perfusion	819
Myocardial Scars	647
Myocardial Tissue	635
Neuropathy	97
Novel Techniques 457, 461, 465, 467, 471, 475, 479, 483, 487, 491, 651, 655, 659, 663, 667, 671	
Novel Technologies	209, 213, 217, 221, 225, 229
P-wave	515, 531
Pacemaker	1179
Pacemaker Waves	1079
Parkinson's Disease	89
Perinatal Hypoxia	425
Photoplethysmogram	799, 935
PhysioNet	149, 153, 157, 161, 165, 169, 173, 177, 181, 185, 189, 197, 201, 205
Pulmonary Hypertension	241
Pulse Rate	1015
QRS	117, 133, 161, 165, 169, 181, 185, 205, 293, 313, 321, 325, 655, 1163
QT	69, 73, 309, 345, 349, 421, 659, 1019
QT Variability	61
QT/RR	65
R-Wave	157
Recording	153, 173, 305, 317, 321, 325, 333, 655, 1191
Remodeling	49
Respiration	1027
Respiration Patterns	445
Respiration Rate	671
Resuscitation	125, 129, 807
RR	73, 97, 165, 309, 421, 449, 483, 939, 1043, 1195
RR Interval Data	97
Schizophrenia	101
Seismocardiogram	413, 461, 1107
Sensor Technology	927, 931, 935, 939, 943
Signal Processing	397
Simulation	337, 349, 457, 903, 915, 919, 923, 1063, 1131
Simulations	373
Sleep Apnea	859, 959, 1011, 1015
Software	393, 401, 559, 731, 1147
Software Platforms	17, 21, 25, 29, 33
ST	583
Sudden Death	1, 141

T-Wave	137, 353, 467, 599, 603, 771
Telecare	261
Therapeutic Hypothermia	595
Tissue Modeling	835, 839, 843, 847, 851, 855
Tractography	567
Transesophageal	233
Twitter	33
Ultrasound	245
Vascular Mechanics	883, 887, 891, 895, 899
Vectrocardiography	369
Ventricular Arrhythmia	125, 129, 133, 137, 141, 145, 1083, 1087, 1091, 1095
Ventricular Cell	835, 839, 843, 847, 851, 855
Ventricular Ejection	795
Ventricular Fibrillation	619, 1123, 1131
Ventricular Modeling	337, 341, 345, 349, 353, 357, 377, 381, 385, 389
Ventricular Repolarization	61, 65, 69, 73, 77
Ventricular Tachycardia	145
Watermarks	25
Waveform	17
Wavelet	289, 791, 891
X-ray	563