

## Index by Title Words

3D .....	217, 313, 725, 789
Ablation .....	165, 169, 185, 261, 505
Acoustic .....	33, 209
Action Potential .....	25
Activation Sequence .....	657
Activity .....	201, 233, 597, 621
Algorithm .....	9, 137, 281, 293, 369, 373, 545, 801, 817
Alternans .....	49, 621, 645, 669, 677
Angina .....	757
Angiography .....	729
Aorta .....	149
Apnea .....	41
Arrhythmia .....	193, 337
Arrhythmia Analysis .....	193
Arrhythmia Detection .....	337
Arterial Pressure .....	593
Artery .....	29, 109, 117, 209, 213, 217, 409, 417, 481, 641, 669
Atherosclerosis .....	493
Atrial Fibrillation .....	1, 5, 13, 165, 169, 181, 185, 229, 257, 261, 265, 269, 505, 597
Atrial Septal Defect .....	725
Blind Source Separation .....	269
Blood Flow .....	113, 117, 493
Blood Pressure .....	493, 593, 841
Body Surface Potential .....	389, 637
Body Surface Potential Map .....	389
Border .....	381
Breathing .....	33
Brugada Syndrome .....	637
Cardiac Activity .....	233
Cardiac Anatomy .....	485
Cardiac Arrest .....	513
Cardiac Electrocardiography .....	225
Cardiac Output .....	145
Cardiac Pacemaking .....	649
Cardiac Surgery .....	577
Cardiac Tissue .....	21
Cardiopulmonary Resuscitation .....	601
Cardiovascular .....	113, 153, 201, 205, 341, 349, 565, 589, 697
Cardiovascular Variability .....	201, 205

Catheter	261
Cell	569
Challenge	273, 277, 441
Chronic Heart Failure	397
Circulation	493
Classification	549
Clustering	269, 457, 749
Coherence	217
Color Stimulus	97
Complexity	177, 261, 393, 525
Compression	141
Computed Tomography	121, 125, 329
Congenital Heart Disease	113, 117, 125
Contrast	641
Coronary Artery	29, 109, 209, 213, 217, 481, 641, 669
CPR	509
Decision Tree	605
Defibrillation	513, 541
Device	241, 589, 593, 829
Diabetes	49, 57
Diagnosis	253, 641, 789
Dimension	593
ECG	33, 45, 61, 73, 101, 133, 137, 165, 245, 261, 277, 353, 357, 361, 369, 393, 401, 413, 429, 433, 437, 445, 449, 453, 457, 517, 533, 613, 617, 625, 685, 741, 761, 769, 785, 789, 797, 801, 805, 817, 821, 825
ECG Data	437
ECG Diagnosis	789
ECG Monitoring	685, 741
Echocardiography	325
Electrocardiogram	141, 365, 609, 753
Electrocardiography	441, 641
Electrode	289, 741
Electrogram	181, 721
Electromechanical	17, 69
Electrophysiology	77
Entropy	681
Excitation	9
Exercise	205, 765
Fetal	249
Fetal Heart Rate	249
Fibrillation	1, 5, 13, 165, 169, 177, 181, 185, 229, 257, 261, 265, 269, 505, 597

Finite Element .....	149
Flow .....	113, 117, 477, 493
Fractal .....	593
Fractal Dimension .....	593
Fusion .....	285
Gene .....	785
Heart .....	161
Heart Disease .....	773
Heart Failure .....	93, 305, 309, 385, 461
Heart Rate .....	85, 89, 93, 105, 189, 197, 249, 297, 301, 309, 345, 521, 525, 665, 701, 825
Heart Rate Analysis .....	89
Heart Rate Turbulence .....	93, 665
Heart Rate Variability .....	85, 105, 189, 197, 297, 301, 309, 345, 701
Heart Response .....	97, 573
Heart Sounds .....	37, 481
Heartbeat .....	705
Hemodialysis .....	189, 845
Hemodynamic .....	29, 153, 157, 529
High-Resolution ECG .....	789
Holter .....	105
Hypotension .....	189
Hypoxia .....	701
ICD .....	425
Imaging .....	313, 377, 629
Impedance .....	101, 497, 501, 601
Information Analysis .....	549
Information Management .....	577
Integration .....	581, 589
Intracoronary .....	221
Ischemia .....	237, 469, 629, 741
IVUS .....	333
Lead .....	61, 237, 269, 445, 613, 745, 749
Left Ventricular Function .....	125, 329
Left Ventricular Volume .....	317
Magnetic Resonance .....	373, 377, 405, 837
Magnetocardiography .....	641
Map .....	173, 389
Mapping .....	573, 637, 849
Method .....	45, 165, 305, 409, 457, 749, 797, 805

Mobile Phone .....	357
Model .....	1, 153, 329, 385, 457, 541
Modelling .....	313, 493
Monitoring .....	105, 129, 581, 593, 685, 741
Morphology .....	269, 709, 737, 817
Mortality .....	845
MRI .....	377, 405, 837
Myocardial .....	25, 81, 121, 329, 413, 417, 629, 741, 777, 837
Myocardial Infarction .....	413, 777
Myocardial Ischemia .....	629, 741
Myocardial Perfusion .....	121, 837
Neural Network .....	145, 781
Noise .....	133, 613
Operating Table .....	129
P Wave .....	257
Pattern Recognition .....	197
Perfusion .....	121, 837
Phantom .....	317
Photoplethysmography .....	661
PhysioNet .....	273, 441
Plaque .....	717
Prediction .....	141, 261, 365, 425, 541, 557
Propagation .....	25, 469
Psychology .....	97
Pulse .....	713
QRS .....	49, 269, 421, 441, 745, 757, 805, 813
QRS Detection .....	745
QT .....	53, 57, 61, 309, 585, 689
Record .....	581
Reentry .....	473
Repolarization .....	677, 845
Respiration .....	45, 713
Respiratory Rate .....	661
Respiratory Sinus Arrhythmia .....	193
Resuscitation .....	545, 601
Right Ventricular Volume .....	381
Risk .....	413, 553, 809
Risk Assessment .....	553
Robot .....	521

Segmentation .....	37, 733
Shear Stress .....	217
Shock Advisory System .....	537
Simulation .....	21, 65, 69, 81, 181, 461, 465, 469, 653, 657, 741
Sleep .....	41, 337, 341, 349
Sleep Apnea .....	41
Sodium Current .....	653
ST .....	633
Standards .....	581
Stent .....	157, 221, 477
Stroke .....	521
Sudden Cardiac Death .....	809
Support Vector Machine .....	101
Surgery .....	577
Syncope .....	529
T Wave .....	49, 441, 621, 737
T Wave Alternans .....	669
Telemedicine .....	685
Telemonitoring .....	833
Tilt .....	101, 529
Time Series .....	301, 593
Time-Frequency Analysis .....	201, 205, 269, 701
Tomography .....	121, 125, 217, 329
Tracking .....	165, 373, 505
Transmembrane Potential .....	73
Treatment .....	561
Turbulence .....	93, 665
U Wave .....	321
Valsalva .....	201
Valve .....	373, 489
Variability .....	57, 61, 85, 105, 189, 197, 201, 205, 297, 301, 309, 345, 701
VCG .....	793
Ventricular .....	1, 5, 125, 317, 329, 377, 381, 597, 673, 749
Ventricular Arrhythmia .....	849
Ventricular Response .....	1, 5
Voltage-Sensitive Dye .....	721
Waveform .....	797
Wavelet .....	141, 501, 785, 805, 813
Window .....	693