

Index by Title Words

3D	1, 45, 321, 741
Ablation	411, 769, 777, 781
Action Potential	363, 367
Activation	317
Adaptive Filter	529
Algorithm	229, 309, 521, 797, 801
Alternans	5, 565, 721
Anaerobic Threshold	597
Anaesthesia	411
Aneurysm	765
Angiography	753
Anti-Tachycardia	189
Anticoagulation	217
Aorta	375, 661, 765
Arrhythmia	161
Artery	387, 391, 415, 761
Atrial Activation	277
Atrial Fibrillation	37, 225, 237, 269, 273, 277, 281, 395, 411, 455, 459, 477, 497, 501, 505, 509, 513,
	517, 545, 561, 569, 577, 585, 609, 729, 777, 781, 785, 801, 805
Atrial Function	85
Atrium	97, 153
Auscultation	261
Automatic External Defibrillator	419
Autonomic Blockade	525
Autonomic Function	481
Autonomic Neuropathy	681
Baroreflex	557, 813
Baseline Wander	533, 565
Block	361
Blood Flow	375
Blood Glucose	345
Blood Pressure	387, 641
Body Surface Potential Map	69, 439, 705
Body Surface Potentials	181, 281, 713
Boundary Element Model	289
Bundle Branch Block	333, 673
Cardiac Electromagnetic Field	443
Cardiac Motion	81
Cardiac Output	379

Cardiac Resynchronization	69
Cardiac Tissue	129
Cardiomyocyte	349, 357
Cardiomyopathy	77, 415
Cardiotocography	693
Cardiovascular Regulation	489
Cardioversion	225
Cardioverter Defibrillator	233
Cell	109, 113, 125, 329, 353, 363
Chagas Disease	465, 725
Challenge	173, 177, 181, 185
Circadian Variation	415
Cluster Analysis	149, 161, 581
Complexity	257
Conduction	241, 609
Conduction Velocity	129
Coronary Artery Disease	415, 757
Correlation Analysis	277
Cost	649
 Data Format	253
Database	89, 265, 605, 637
Decision Support	57, 209, 213
Denoising	93, 109
Depolarization	361, 439
Diabetes	345, 681
DICOM	633
Dispersion	313
Doppler	657
Drug	337
 ECG ..	9, 37, 41, 45, 49, 61, 77, 93, 105, 109, 133, 145, 161, 177, 181, 197, 253, 261, 269, 273, 289, 301, 305, 325, 329, 383, 431, 435, 447, 473, 477, 485, 493, 497, 513, 521, 529, 533, 537, 549, 553, 565, 581, 621, 625, 629, 633, 653, 657, 701, 705, 709, 713, 785, 789, 801, 805, 809
ECG Mapping	769
Echocardiography	1, 73, 89, 817
Ectopic Focus	609
Electrocardiology	97
Electromechanical	657, 669, 673
Electrophysiology	49
Emergency	733
Entropy	229, 577
Epicardial Mapping	121
Epicardium	117

Excitation	285
Exercise	309, 597
Fetal	657, 685, 693
Fibrillation	225, 285
Filter	537, 541, 553
Finite Element Analysis	391
Flecainide	729
Fluctuation Analysis	21, 25
Fluorescence	349, 353
Force Sensor	737
Gene	245
Genetic Algorithm	403
Guidelines	57
Heart Failure	57, 593, 649
Heart Rate Turbulence	821
Heart Rate Variability	17, 21, 25, 29, 33, 309, 399, 455, 459, 463, 465, 469, 473, 689
High Resolution ECG	197
Holter	161, 697
Hyperbox	145
Hypoxia	693
Imaging	1, 9, 13, 73, 77, 81, 85, 89, 371, 375, 407, 777, 817
Impedance Cardiovasculogram	593
Implantable Cardioverter Defibrillator	797
Independent Component Analysis	399, 505
Infarct	165, 169, 173, 177, 181, 185, 293, 605
Intensive Care Unit	221, 641
Interference	549, 553
Internet	205, 605
Intra-QRS Potential	289
Intracardiac Electrograms	537, 773
Inverse ECG	177
Inverse Solution	769
Ischemia	213, 297, 301, 305, 317, 321, 325, 329, 617, 709
Knowledge Extraction	217
Laplacian	5
Laplacian Map	505
Laser	353
Leads	281, 301, 329, 493, 705, 709, 713

Magnetocardiogram	685
Magnetohydrodynamic	45
Magnetometer	443
Mapping	69, 101, 121, 181, 395
Membrane	113
Mitral Valve	745
Model 21, 25, 29, 37, 41, 45, 49, 69, 105, 109, 121, 129, 173, 241, 249, 257, 289, 329, 333, 363, 367, 379, 383, 593, 597, 613, 621, 669, 673, 793, 821	
Monitor	133, 649, 737
MRI	9, 45, 77, 81, 375, 407, 661
Murmur	403
Mutation	241, 245
MyHeart	57, 137
Myocardial	325
Myocardial Infarction	625, 629
Myocardial Ischemia	301, 589
Myocardium	9, 177, 181, 185, 293, 301, 605, 613, 665, 725, 789
Myocyte	367
Neural Network	597, 733
Noise	157, 521, 525
Non-Linear Analysis	545
Nonlinear Dynamics	403
Normal Limits	717
P-Wave	773
Pacemaker	193, 197, 201, 423
Pacing	13, 189, 769
Patient Data	221
Perfusion	753
Peripheral Resistance	379
Personal Health Care	137, 141
pH	613
Phantom	73
Phonocardiography	649
Physiology	65
PhysioNet	173, 177, 181, 185
Poincare	569, 585
PR Interval	481
Premature Ventricular Beat	149
Principal Component Analysis	5, 517
Propagation	117, 125
Pulmonary Vein	777

Pulse	383, 387
Pulse Wave Velocity	661
Purkinje	363, 617
QRS	157, 447, 717, 725, 729, 793
QRS Detector	157
QRST	439
QRST Cancellation	513
QT	241, 245, 345, 427, 431, 645, 677
Rapid Eye Movement	689
Reconstruction	371
Reentry	313, 317, 321
Refractoriness	313
Remodelling	609
Repolarization	337, 439, 785
Respiration	493, 677
Resynchronization Therapy	13
Risk	9, 53, 169, 465, 793
Scroll Waves	285
Search Engine	637
Segmentation	741
Serial ECG	701
Shape Model	741
Simulation	65, 321, 325, 333, 387, 609, 617, 673
Sinus Rhythm	225
Sleep	33, 493, 689, 697
Sleep Apnea	485, 677
Sodium Current	361
Sotalol	249
Sp02	749
SPECT	371
Spectral Method	153
Spectrogram	509
Spectroscopy	353
ST Elevation	293, 305
Standard	447, 633
Stenosis	53, 391
Stethoscope	757
Stress	737
Stress Test	29
Stretch	237
Support Vector Machine	121, 485

Survival	53
Sympatho-Vagal	685
T-Wave	5, 249, 297, 341, 451, 565, 717, 721, 785
Tagged MRI	81
Teaching	61
Telemedicine	649
Tilt	399
Time Series	153, 265, 541
Tissue Doppler	13
Tissue Response	665
Tomography	9, 13, 85, 371, 753
Training	601
Transmembrane Potential	357
Ultrasound	1, 73, 89, 657, 761, 817
User Interface	469
Valvular Surgery	217
Vector Analysis	625
Vectorcardiogram	435, 451
Ventricle	1, 73, 189, 337, 367, 613, 669
Ventricular Arrhythmia	793
Ventricular Fibrillation	229, 573
Ventricular Function	473
Ventricular Tachyarrhythmia	797
Ventricular Tachycardia	229, 419
Ventricular Tissue	617
Ventricular Wall Motion	89
Virtual Heart	65
Voltage-Sensitive Dye	101, 665
Waveform	269, 809
Wavefront	97
Wavelet	101, 105, 577
Web-Based	205, 601
Wireless	133, 201