

Taxonomy

No	Topic and Sub-Topic
1	Acute Coronary Syndromes (ACS)
1	Acute PCI (Percutaneous coronary intervention)
2	Antithrombotic treatment
3	Biomarkers
5	Fibrinolysis
6	Inflammation
7	Ischemia
8	Non-ST-segment elevation myocardial infarction (Non-STEMI)
9	Remodeling
10	Reperfusion injury
12	Secondary prevention
13	Shock
14	ST-segment elevation myocardial infarction (STEMI)
15	Stunning
16	Takatsubo (apical ballooning)
18	Vulnerable plaque
19	Unstable angina
2	Alcohol
3	Aortic disease
1	Abdominal aortic aneurysm (AAA)
2	Acute aortic syndrome
3	Aortic aneurysm
4	Aortic coarctation
5	Aortic dissection
6	Aortic ectasia
7	Aortitis
4	Arrhythmias
1	Ablation therapy
2	Ablation AF
3	Ablation other SVT
4	Ablation ventricular tachycardia
5	Ambulatory monitoring
6	Atrial fibrillation
7	AV-block
8	AV-reentry
9	Basic electrophysiology
10	Brugada syndrome
11	Bundle branch block
12	Cardiac resynchronization therapy

Taxonomy

13	Cardioversion
14	Catecholaminergic polymorphic ventricular tachycardia
15	Channelopathies
16	Conduction disease
17	Early repolarization
18	EP Mapping
19	Event recorder
20	Implantable cardioverter defibrillator (ICD)
21	Long/short QT-syndrome
22	Loop recorder
23	Noninvasive risk stratification
24	Pacemaker
25	Pharmacotherapy
26	Sinus node dysfunction
27	Sudden cardiac death
28	Supraventricular tachycardia
29	Syncope
30	Ventricular fibrillation
31	Ventricular tachycardia
32	Wolf-Parkinson-White syndrome
5	Atherosclerosis
1	Adhesion molecules
2	Aging
3	Chemokines
4	Cytokines
5	Endothelial dysfunction
6	Foam cells
7	Imaging in atherosclerosis
8	Inflammation
9	Innate immunity
10	Lipids
11	Macrophages
12	Oxidative stress
13	Plaque biology
14	T-cells
6	Basic Science
1	Animal experiments
2	Biological pacemakers
3	Calcium transport
4	Cardiac anatomy

Taxonomy

5	Cardiac metabolism
6	Cell culture/isolation
7	Cell signalling
8	Cellular electrophysiology
9	Computer modeling
10	Connexins
11	Cyclooxygenases
12	Developmental biology
13	Endothelins
14	Energetics
15	Enzyme (kinetics)
16	G-proteins
17	Gap junctions
18	Glycolysis
19	Growth factors
20	Immune system
21	Infection/Inflammation
22	Ion Channels
23	Leukocytes
24	Lipid metabolism
25	Membrane permeability
26	Metabolomics
27	Molecular biology
28	Monoclonal antibodies
29	Myocyte
30	Neurotransmitters
31	Phospholipases
32	Pre/Post conditioning
33	Proteomics
34	Renin angiotensin system
35	Second messengers
36	Sequence (DNA / RNA / protein)
37	Shear stress
38	Transcription factors
39	Transgenic animal models
40	Vasoactive agents
41	Receptors
7	Biomarkers
1	Adiponectin
2	Biomarker discovery techniques

Taxonomy

3	Cardiac troponins
4	C-reactive protein
5	Creatinine kinase
6	Cystatin c
7	Cytokines
8	Leptin
9	Matrix metalloproteinases
10	Natriuretic peptides
11	Novel biomarkers
12	TNF alfa
8	Cardiac Magnetic Resonance (CMR)
1	Cardiac Morphology
2	Contrast Enhanced MRI
3	High Field MRI
4	Interventional CMR
5	Molecular imaging
6	MR Angiography
7	MR Spectroscopy
8	Real Time MRI
9	Stress Imaging
10	Strain/Deformation/Tagging
11	Tissue Characterisation
12	Velocity Encoded MRI
9	Cardiac Masses
1	Cardiac tumors
10	Cardiac rehabilitation
1	Exercise training
2	Patient education
11	Cardiac Resynchronization Therapy
1	Assessment of ventricular dyssynchrony
2	Bi-ventricular device follow-up
5	Hemodynamic monitoring
6	Implantation techniques
7	Left ventricular leads
8	Remote monitoring
9	Technological aspects
12	Cardiopulmonary Resuscitation (CPR)
1	Automatic external defibrillator (AED)
13	Cardiovascular nursing
1	Heart failure nursing

Taxonomy

14	Cardiovascular Pathology
1	Apoptosis
2	Capillaries
3	Coronary anomalies
4	Coronary plaque
5	Fibrosis
6	Hibernation
7	Hypertrophy
8	Hypoxia/Anoxia
9	Inflammation
10	Mitochondria
11	Necrosis
13	Remodelling
15	Cardiovascular Physiology
1	Aging
2	Autonomic nervous system
3	Baroreflex function
4	Blood pressure regulation
5	Carotid sinus massage
6	Conduction system
7	e-c coupling
8	Electrolyte disturbances
9	Endothelium
10	Hemodynamics
11	Ischemia reperfusion injury
12	Ischemic preconditioning
13	Muscle sympathetic activity
14	Nitric oxide
15	Orthostasis
16	Sympathetic nervous system
17	Tilt testing
18	Vagus nerve
16	Cardiovascular Surgery
1	Anesthesia
2	Aortic surgery
3	Aortic valve repair
4	Aortic valve replacement
5	Arterial grafting
6	Cardioplegia
7	Congenital heart surgery

Taxonomy

8	Coronary bypass grafting (CABG)/surgery
9	Endoscopic cardiac surgery
10	Endovascular surgery
11	Extracorporeal circulation
12	GUCH surgery
13	Heart transplantation
14	Mechanical ventricular assist device
15	Mitral valve repair
16	Mitral valve replacement
17	Off-pump bypass surgery
18	Robotic cardiac surgery
19	Ross operation
20	Tricuspid valve repair
21	Tricuspid valve replacement
22	Vein graft disease
23	Ventricular restoration therapy
17	Cellular Biology
1	Angiogenesis
2	Cell repair therapy
3	Gene expression
4	microRNA
5	Migration
6	Proliferation
7	siRNA
18	Clinical Electrophysiology
1	Atrial arrhythmias
2	Atrial fibrillation
3	Conduction disorders
4	Electrophysiological testing - diagnostic
5	Pre-excitation syndrome
6	RF ablation
7	Sinus node dysfunction
8	Supraventricular tachycardias
9	Ventricular arrhythmias
10	Technology Development
19	Comorbidities and systemic diseases
1	AIDS HIV and the cardiovascular system
2	Chronic Kidney Disease (CKD)
3	Chronic Obstructive Pulmonary Diseases (COPD)
4	Cocaine

Taxonomy

5	Contrast induced nephropaty
6	Depression
7	Erectile dysfunction
8	Gout disease
9	Infection/sepsis
10	Inflammatory diseases
11	Pregnancy
12	Thyroid disease
13	Cancer
20	Computers in Cardiology
1	Telemedicine
21	Computer Tomography (CT), cardiac
1	Calcium Scoring
2	Cardiac Morphology
3	CT coronary angiography
4	Dual Energy Imaging
5	Electron Beam Computed Tomography (EBCT)
6	Hybrid imaging
7	Perfusion Imaging
8	Radiation exposure
22	Congenital Heart Disease
1	Atrial septal defect
2	Bicuspid aortic valve
3	Ebstein's disease
4	Eisenmenger's syndrome
5	Fallot's tetralogy
6	Grownup Congenital Heart Disease (GUCH)
7	Marfan syndrome
8	Pulmonary hypertension
9	Transposition of the great arteries
10	Truncus arteriosus
11	Ventricular Septum Defect (VSD)
23	Coronary Circulation
1	Angina pectoris
2	Chronic coronary artery disease
3	Coronary blood flow
4	Coronary flow reserve
5	Coronary microcirculation
6	Endothelial function
7	Ischemia

Taxonomy

8	Hibernation
9	Optical coherence tomography
10	Prinzmetal angina
11	Quantitative coronary angiography
12	Vasospasm
13	Vulnerable plaque
24	Coronary Intervention
1	Bare metal stent
2	Bifurcation lesions
3	Chronic total occlusion
5	Drug Eluting Stent
6	Fractional flow reserve
7	Intravascular ultrasound Imaging
8	Main stem intervention
9	Percutaneous coronary intervention (PCI)
10	Restenosis
11	Risk stratification
12	Shock
13	Stents
14	Stent thrombosis
15	Thrombectomy
25	Diabetes Heart Diseases
1	Hyperglycemia
2	Hypoglycemia
3	Insulin
4	Insulin Resistance
5	Oral antidiabetics
26	Echocardiography
1	Contrast Echocardiography
2	Doppler-Echocardiography
3	Dyssynchrony
4	Fetal Echocardiography
5	Intracardiac Echocardiography
6	Procedure Monitoring
7	Strain/Deformation Imaging
8	Stress Echocardiography
9	Tissue Doppler
10	Transesophageal
11	Transthoracic
12	3D Echocardiography

Taxonomy

27	Electrocardiography
1	Ambulatory electrocardiography
2	Baroreflex sensitivity
3	Exercise stress test
4	Heart rate turbulence
5	Heart rate variability
6	Non-invasive risk stratification
8	QT interval and QT dynamics
9	Signal-averaged electrocardiography
10	Telemetry
11	T wave alternans
28	Epidemiology/Study design
1	Children
2	Cohort study
3	Elderly
4	End points
5	Ethnicity
6	Gender
7	Meta-analysis
8	Outcomes
9	Registries
10	Risk scores
11	Clinical Trial
13	Environmental exposure
29	Exercise testing
1	Cardiopulmonary exercise testing
3	ECG
4	Imaging techniques
30	Genetics
2	Gene therapy
3	Genetics cardiomyopathy
4	Genetics counselling
5	Genome-wide association studies
6	Inherited Metabolic Disorders
7	Monogenetic disease
9	Pharmacogenetics
10	Population genetics and genomics
11	Single nucleotide polymorphism
12	Next generation sequencing
31	Heart failure

Taxonomy

1	Acute heart failure
2	Anemia
3	Animal models of heart failure
5	Biventricular Pacemaker
6	BNP (brain natriuretic peptide)
7	Cachexia
8	Cardiac resynchronization therapy
9	Cardiopulmonary exercise testing
10	Chronic Ischaemic Heart Disease
11	Community medicine
12	Devices
13	Diastolic function
14	End stage heart failure
15	Heart failure with preserved ejection fraction
16	Heart failure with reduced ejection fraction
18	Mechanical circulatory support
19	Pharmacotherapy
20	Rehabilitation
21	Remodeling
22	Right heart disease
23	Systolic Function
24	Transplantation
25	Ultrafiltration
32	Health Services research
33	Hypertension
1	Ambulatory blood pressure measurement (ABPM)
2	Angiotensin
3	Coarctation of aorta
4	Conn's Syndrome
6	Endocrine hypertension
8	Left ventricular hypertrophy
10	Renal artery ablation / Denervation
11	Renal artery stenosis
12	Renal artery stenting
13	Renin
34	ICD
1	Primary prevention
2	Secondary prevention
4	Implantation techniques
5	Lead extraction

Taxonomy

6	Leads
7	Programming
8	Remote monitoring
9	Technological aspects
35	Interventional Cardiology
1	Alcohol septal ablation
2	Devices for stroke prevention
3	Endomyocardial biopsy
4	Intra aortic balloon pump
5	Mitraclip
6	Percutaneous ASD closure
7	Percutaneous pulmonary valve
8	Percutaneous PFO closure
9	Percutaneous valve techniques
10	Radiation exposure
11	Percutaneous Aortic Valve
12	Ventricular assist devices
13	Mitral valvuloplasty
36	Magnetic Resonance Imaging (MRI)
1	Gadolinium MRI
2	Molecular imaging
3	Myocardial viability
4	Stress imaging
37	Mapping
1	Contact mapping
2	Non-contact mapping
3	Electroanatomic image integration
4	Cardiac anatomy
38	Medical Education
1	Core competencies
2	Guidelines
3	Nursing education
4	Patient education
39	Metabolic Syndrome
2	Insulin Resistance
3	Obesity
40	Cardiomiopathies
1	Alcohol cardiomyopathy
2	Amyloid heart disease
3	Arrhythmogenic right ventricular cardiomyopathy/-dysplasia

Taxonomy

4	Cardiotoxicity (anthracycline, iron, drus°)
5	Dilated cardiomyopathy
6	Inherited Metabolic Disorders
7	Hypertensive cardiomyopathy
8	Hypertrophic cardiomyopathy
9	Hypereosinophic syndrome
10	Myocarditis
11	Non-compaction cardiomiopathy
12	Peripartum cardiomyopathy
13	Restrictive cardiomyopathy
41	Nuclear Cardiology
1	Experimental and Preclinical
2	Molecular imaging
3	New Tracers
4	Perfusion Imaging
5	Positron emission tomography (PET)
6	Single photon emission tomography (SPECT)
42	Occupational Health
43	Pacing
1	Atrial fibrillation prevention algorithms
2	Bi-ventricular pacing
5	Implantation techniques
6	Indications and mode selection
7	Lead extraction
8	Leads
9	Pacemaker diagnostics
10	Pacemaker follow-up
11	Pacemaker studies - miscellaneous
12	Programming
13	Remote monitoring
14	Technological aspects
44	Palliative Cardiology
45	Pediatric cardiology
46	Pericardial Disease
1	Constrictive pericarditis
2	Acute pericarditis
3	Pericardial effusion
4	Cardiac Tamponade
5	Pericardiocentesis
6	Viral pericarditis

Taxonomy

47	Peripheral Circulation
1	Ankle-Brachial pressure index
2	Carotid stenosis
3	Carotid stenting
4	Critical limb ischemia
5	Percutaneous arterial intervention/-stenting
6	Peripheral arterial disease
7	Vascular surgery
8	Venous disease
9	Venous thrombosis
48	Pharmacology and Therapy
1	ACE-inhibitor
2	Ivabradine
3	Aldosterone antagonists
4	Aliskiren
5	Amiodarone
6	Antiarrhythmic drugs
7	Anticoagulants
8	Antiplatelet drugs
9	AT2-receptor antagonist
10	Betablocker
11	Calcium antagonists
12	Compliance
13	Diuretics
14	Digoxin
15	Fibrates
16	Fibrinolytics
17	Inotropes
18	Lipid lowering drugs
19	Metabolic modulators
20	Nitrate/Nitrovasodilator
21	Novel pharmacological agents
22	Oestrogen
23	Omega-3 and 6 fatty acids
24	Ranolazine
25	Sotalol
26	Statins
28	Transfusion
49	Pre-Hospital Care
50	Prevention

Taxonomy

1	Air Pollution
2	Alcohol
3	Cardiovascular risk assessment
4	Compliance
5	Dietary factors
6	Exercise
7	High-density lipoprotein
8	Hypolipidemic drugs
9	Life style
10	Low-density lipoprotein
11	Mental stress
12	Novel risk factors
13	Nutrition
14	Obesity
15	Physical activity
16	Primary prevention
17	Psychosocial stress
18	Smoking
19	Statins
20	Secondary prevention
51	Pulmonary Circulation
1	Endothelin antagonists
2	Lysis in venous thromboembolic disease
3	Pharmacotherapy
4	Phosphodiesterase inhibitors
5	Prostaglandins
6	Pulmonary embolism
7	Pulmonary hypertension
8	Pulmonary venous occlusive disease
9	Thrombolysis
10	VTE prevention
53	Regenerative Medicine/Stem Cells
1	Biomaterials
2	Bone marrow-derived stem cells
3	Cardiac Stem Cells
4	Circulating progenitor cells
6	Embryonic stem cells
7	Endothelial Progenitor Cells
8	Ethical and social issues
9	Fibroblast

Taxonomy

10	Genetic modification
11	Induced Pluripotent Stem Cells
12	Mesenchymal stem cells
13	Myoblasts
14	Stem cell function
15	Storage and harvesting
16	Tissue engineering
54	Sleep disorders
1	Nocturnal hypertension
2	Sleep apnea
55	Socio-economic aspects
1	Cost-benefit analysis
3	Public health
4	Socio-demographic aspects
56	Sports medicine
1	Exercise physiology
2	Preparticipation screening
3	Sudden death in athletes
57	Statistical methods
1	Meta-analysis
2	Qualitative Methods
3	Quantitative Methods
4	Survival analysis
58	Stroke/Cerebrovascular diseases
1	Amaurosis fugax
2	Aortic plaques
3	Carotid stenosis
4	Cerebral hemorrhage
5	Cerebral infarction
6	Cerebral ischemia
7	Cryptogenic stroke
8	Embolic stroke
9	Patent foramen ovale (PFO)
10	TIA (transient ischemic attack)
59	Thrombosis and platelets (anticoagulants and antiplatelets)
1	Antiplatelet drugs
2	Antithrombotics
3	Aspirin
4	Bleeding
5	Coagulation

Taxonomy

6	Heparin
7	Oral direct Factor Xa inhibitors
8	Oral direct thrombin inhibitors
9	Platelet function
10	Prostaglandins
11	Venous thromboembolic disease
12	Vitamin K antagonists
60	Valvulopathies
1	Aortic insufficiency
2	Aortic stenosis
4	Bicuspid aortic valve
5	Endocarditis
6	Low flow/low gradient stenosis
7	Mitral regurgitation
8	Mitral stenosis
10	Percutaneous aortic stenting
11	Pulmonary stenosis
13	Rheumatic heart disease
14	Tricuspid insufficiency
61	Vascular biology
62	Multimodality Imaging
1	Molecular Imaging