KEYWORD LIST

All registrants at the editorial office website are encouraged to identify their personal interests and expertise by checking 20 to 40 keywords from the list below on the identical list in their “Personal Information” area at the editorial office website, www.atseditorialoffice.org. This list is updated (and changed substantially) each January 1.

Authors are required to assign 2 to 5 keywords from this list to their article when their paper is submitted to the editorial office website.

A
Abdominal organs
Ablative therapy
(all modalities)
Acute respiratory distress syndrome (ARDS)
Adjuvant/neoadjuvant therapy
Adult
Allograft
Airway
Anastomosis
Anatomy
Anesthesia
Aneurysm, aortic
Aneurysm, myocardial
Aneurysm, other
Angiogenesis
Angiography
Animal model
Antibiotics
Antibody/antigen
Aorta
Aortic arch
Aortic dissection
Aortic root
Aortic operation
Aortic valve, repair
Aortic valve, replacement
Apoptosis
Arrhythmia
Arrhythmia, drug therapy
Arrhythmia surgery (includes Maze)
Arteries
Artery biochemistry/pharmacology
Atherosclerosis
Atrial fibrillation
Atrium
Autograft
Autonomic nervous system

B
Biochemistry
Bioengineering
Biomaterials
Biopsy
Blood
Blood, anticoagulation
Blood, coagulation
Blood constituents

Blood conservation
Blood substitutes
Blood transfusion
Brain
Bronchial arteries
Bronchial disease
Bronchial tumor
Bronchiolitis obliterans
Bronchoscopy/bronchus

C
Calcification
Cancer
Cardiac
Cardiac anatomy/pathologic anatomy
Cardiac catheterization/intervention
Cardiac function
Cardiomyopathy
Cardiomyoplasty
Cardiopulgia
Cardiopulmonary bypass (CPB)
CPB, anticoagulation
CPB, circulatory arrest
CPB, complications
CPB, equipment
CPB, inflammatory response
CPB, physiology/pathophysiology
Carotid arteries
Cell biology/culture
Cell signaling, receptors
Cell transplantation
Cerebral circulation
Cerebral complications
Cerebral protection
Chemotherapy
Chest
Chest wall
Chylothorax
Circulatory arrest
Circulatory assistance, temporary
Circulatory assistance, destination
Circulatory assist devices (VADS, TAH)
Coarctation

Collateral blood flow
Co-morbidity
Complement
Computed tomography (CAT scan)
Computer simulation
Congenital heart disease (CHD)
CHD, acomyotic
CHD, arterial switch
CHD, cyanotic
CHD, Fontan
CHD, great vessel anomalies
CHD, heterotaxy
CHD, hypoplastic left heart syndrome
CHD, miscellaneous
CHD, Norwood
CHD, Rastelli
CHD, septal defects
CHD, tetralogy of Fallot
CHD, truncus arteriosus
CHD, univentricular heart
CHD, valve lesions
Coronary artery bypass grafts, CABG

E
Echocardiography
ECMO (extracorporeal membrane oxygenation)
Education

Elderly (>70 years)
Electrophysiology
Emboli
Embryology
Emphysema/bullae
Emphyema
Endarterectomy
Endocarditis
Endoscopy
Endoscopic procedures
Endothelium
Endovascular procedures/stents
Esophagus
Esophagus, Barrett’s
Esophagus, benign disease
Esophageal cancer
Esophageal congenital anomalies
Esophageal injury/perforation
Esophageal motility disorders
Esophageal surgery
Esophagoscopy
Ethics
Experimental surgery

F
Fibrin
Fistula
Foreign body

G
Gastroesophageal reflux
Gender
Genes/polymorphisms
Genetics
Gene therapy
Geriatric
Glue, biologic

H
Health economics
Health policy
Heart failure
Heart failure operations
Heart pathology
Heart physiology
Heart valve, allograft
Heart valve, autograft
Heart valve, bioprosthesis
Heart valve, mechanical
Heart valves, multiple
Heart valve, percutaneous
Heart valve, stentless
Hematology
Hemodynamics
Hemothorax
Hernias
Hiatal hernia
Histology
History
Hydatid disease
Hyperhidrosis
Hypertrophic obstructive cardiomyopathy
Hypothermia
Hypoxia
Imaging (all modalities)
Immunohistochemistry
Immunology
Incisions
Infant
Infection
Inflammation
Inflammatory cells (neutrophils, monocytes, macrophages)
Inflammatory mediators (eg, cytokines, cytotoxins)
Ischemia
Ischemia/reperfusion
Ischemic heart disease
Kidney
Larynx
Lasers
Learning aids
Left ventricular assist device (LVAD)
LV re-shaping/restoration
Leukocytes
Lobectomy
Lung
Lung, benign lesions
Lung cancer
Lung cancer, biology, antigens
Lung cancer, diagnosis and staging
Lung cancer, neuroendocrine
Lung cancer surgery
Lung, congenital lesions
Lung infection
Lung pathology
Lung physiology
Lung volume reduction
Lymph nodes
M
Magnetic resonance angiography
Magnetic resonance imaging (MRI)
Mediastinum
Mediastinal infection
Mediastinal lymph nodes
Mediastinal tumor
Mediastinoscopy
Mesothelioma
Metabolism
Metalloproteinases (MMPs)
Metastasectomy
Minimally invasive surgery
Mitrail regurgitation, ischemic
Mitrail systolic anterior motion (SAM)
Mitrail valve
Mitrail valve repair
Mitrail valve replacement
Molecular biology
Myasthenia gravis
Myocardial infarction
Myocardial injury
Myocardial mechanics
Myocardial metabolism
Myocardial morphology
Myocardial protection
Myocardial remodeling
Myocardium
Myxoma
N
Neonate
Neurocognitive deficits
Neuroendocrine tumor
Neurogenic tumor
Neurologic injury
Nerves, cranial or peripheral
Nitric oxide
Nursing
Nutrition
O
Obesity
Off-pump
On-pump
Organ donor management
Organ preservation
Outcomes (includes mortality, morbidity)
Oxygen
P
Pacemaker
Pacing complications
Pacing, resynchronization
Pain
Pathology
Pathophysiology
Patient safety
Pectus excavatum, carinatum
Pediatric
Perfusion
Pericardium
Perioperative care
Peripheral vascular disease
Pharmacology
Pharmacology, cardiovascular
Phrenic nerve
Physiology
Platelets
Pleur
Pleural effusion
Pleural space
Pneumonectomy
Pneumothorax
Positron emission tomography (PET)
Postinfarction cardiac complications
Postoperative care
Preconditioning
Pregnancy
Preoperative care
Professional affairs
Prostaglandins
Prosthesis
Pulmonary arteries
Pulmonary embolism
Pulmonary function testing
Pulmonary valve
Pulmonary vascular resistance
Q
Quality of life
R
Radiation therapy
Rejection
Reoperation
Reperfusion
Restenosis
Resuscitation
Revascularization
Rheumatic
Robotics
Ross operation
Rupture
S
Sarcoma
Shock
Shunts
Smoking
Spinal cord
Statistics
Statistics, Bayesian
Statistics, clinical trial
Statistics, meta analysis
Statistics, propensity matching
Statistics, regression analysis
Statistics, risk analysis/modeling
Statistics, survival analysis
Stem cells
Stents
Sternum
Stroke
Surgery
Surgery, complications
Surgery, emergency
Surgical instruments
Suture
Sympathectomy
T
Thoracic duct
Thoracic outlet
Thoracoplasty
Thoracoscopy/VATS
Thoracotomy
Thrombosis
Thymectomy
Thymoma
Thymus
Tissue engineering
Trachea
Tracheal injury
Tracheal stenosis
Tracheal surgery
Tracheal tumor
Tracheostomy
Transplantation, heart
Transplantation, heart-lung
Transplantation, lung
Trauma
Trauma, blunt
Trauma, penetrating
Tricuspid valve
Tuberculosis
Tumor
Tumor markers
U
Ultrasound
V
Valve disease
Vascular disease
Vascular tone and reactivity
Venous disease
Ventilation, intubation
Ventricle, left
Ventricle, right
W
Wound closure
Wound dehiscence
Wound healing
Wound infection
X
Xenograft