

KEYWORD LIST

Over 10,000 surgeons and scientists have registered at the editorial office website (www.atseditorialoffice.org) and over 80% have indicated their interests and expertise by selections from the keyword list in their "Personal Information" area of the website. The editor uses the keyword list to assign reviewers; thus unregistered individuals rarely are invited to participate in reviews. Others check scores of keywords and these long lists have the same effect, since awareness is not a synonym for interest and expertise. Selection of 20 to 50 keywords from the list of 363 does not indicate all that one knows, but should indicate subject matter that one knows well.

The keyword list is updated every January 1. Authors are required to select 2–5 words that best describe the subject matter of their paper from this list; words that are not on the list cannot be matched.

- A**
 Abdominal organs (includes liver, spleen)
 Ablative therapy (all modalities)
 Acute respiratory distress syndrome (ARDS)
 Adjuvant/neoadjuvant therapy
 Adult
 Allograft, homograft
 Airway, intubation
 Anastomosis (indicate tissue or structure)
 Anatomy
 Anesthesia (includes agents, pharmacology, care and research)
 Aneurysm (aortic, myocardial, other)
 Angiogenesis
 Angiography
 Animal model
 Annuloplasty (indicate location)
 Antibiotics
 Antibody/antigen
 Aorta/aortic
 Aortic arch
 Aortic dissection (includes ulcers, hematomas)
 Aortic operation
 Aortic root
 Aortic valve, repair
 Aortic valve, replacement
 Apoptosis
 Arrhythmia
 Arrhythmia surgery (includes Maze)
 Artery/arteries
 Atherosclerosis
 Atrial fibrillation, flutter
 Artificial organs
 Atrium
 Autograft
 Autonomic nervous system
- B**
 Biochemistry
 Bioengineering
 Biomaterials
 Biopsy (indicate tissue)
 Blood
 Blood, coagulation/anticoagulation
 Blood conservation
 Blood constituents
- Blood substitutes
 Blood transfusion
 Brain
 Bronchial arteries
 Bronchial disease
 Bronchial tumor
 Bronchiolitis obliterans
 Bronchoscopy/bronchus
- C**
 Calcification
 Cancer (indicate organ or tissue)
 Cardiac (use in combination)
 Cardiac anatomy/pathologic anatomy
 Cardiac catheterization/intervention
 Cardiac function
 Cardiac tumors (includes myxoma, primary, metastases)
 Cardiology
 Cardiomyopathy
 Cardiomyoplasty
 Cardiopulmonary bypass (CPB)
 CPB, anticoagulation
 CPB, cell saver
 CPB, components, configurations
 CPB, equipment (includes surface coatings)
 CPB, inflammatory response, complications
 CPB, physiology/pathophysiology
 Carotid arteries
 Cell biology/culture
 Cell signaling, receptors
 Cell transplantation
 Cerebral circulation
 Cerebral complications
 Cerebral protection
 Chemotherapy
 Chest
 Chest wall
 Chyle (includes all diseases related to chyle)
 Circulatory assistance, destination
 Circulatory assistance, temporary
 Circulatory assist devices (LVAD, RVAD, BVAD, TAH)
 Circulatory hemodynamics
- Coarctation
 Collateral blood flow
 Co-morbidity
 Complement
 Computed tomography (CAT scan)
 Computer applications (includes simulation, artificial intelligence, fuzzy logic, etc.)
 Congenital heart disease (CHD)
 CHD, arterial switch
 CHD, Fontan
 CHD, great vessel anomalies
 CHD, heterotaxy
 CHD, hypoplastic left heart syndrome
 CHD, miscellaneous (includes endomyocardial fibrosis)
 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)
 CABG, arterial grafts
 CABG, new technology
 CABG, pathology/pharmacology/physiology
 CABG, surgery
 CABG, venous grafts
 Coronary artery imaging (all modalities)
 Coronary artery pathology/pharmacology/physiology
 Coronary sinus
 Cost analysis
 Cysts (indicate location)
- D**
 Database (all types)
 Defibrillation
 Device
 Diabetes mellitus
 Diaphragm
- E**
 Echocardiography
 ECMO (extracorporeal membrane oxygenation)
 Education, all levels
 Electrophysiology
- Embolism
 Embryology
 Emphysema/bullae
 Empyema
 Endarterectomy
 Endocarditis
 Endoscopy/Endoscopic procedures
 Endobronchial stents
 Endothelium (includes biochemistry/pharmacology)
 Endovascular procedures/stents
 Esophagus
 Esophagus, Barrett's
 Esophagus, benign disease (includes diverticula)
 Esophageal cancer
 Esophageal congenital anomalies
 Esophageal injury/perforation
 Esophageal motility disorders
 Esophageal surgery
 Esophagoscopy/biopsy
 Ethics
- F**
 Fetal surgery/studies
 Fibrin
 Fistula
 Foreign body
- G**
 Gastroesophageal reflux (GERD)
 Gender
 Genes/polymorphisms
 Genetics, genomics
 Gene therapy
 Geriatric (includes elderly)
 Glue, tissue
- H**
 Health economics
 Health provider payments
 Health policy (includes government regulation)
 Heart failure
 Heart failure operations
 Heart valve
 Heart valve, allograft
 Heart valve, autograft
 Heart valve, bioprostheses
 Heart valve, mechanical
 Heart valve, transapical, percutaneous
 Heart valve, stentless
 Heart valves, multiple

- Hematology
Hemothorax
Hernias (any location)
Hiatal hernia
Histology (designate tissue)
History
Hormones (systemic, tissue or cellular)
Hydatid disease
Hyperhidrosis
Hypertrophic obstructive cardiomyopathy
Hypothermia/circulatory arrest
Hypoxia/reoxygenation
- I**
Imaging (all modalities)
Immunochemistry
Immunology
Infant
Infection
Inflammation
Inflammatory cells (neutrophils, monocytes, macrophages)
Inflammatory mediators (eg, cytokines, cytotoxins, metalloproteinases)
Intensive care
Intralesional therapy (eg, cryo, radiofrequency, brachy, ultrasonic, etc.)
In vitro studies, models
Ischemia (indicate organ or tissue)
Ischemia/reperfusion
Ischemic heart disease, angina
- K**
Kidney (includes disease, failure, renal function)
- L**
Larynx
Lasers
Learning aids (all methods, including CME, GME)
Leukocytes (all varieties)
Lobectomy (lung)
Lung
Lung, benign or congenital lesions
Lung cancer (includes clinical trials)
Lung cancer, biology, antigens, markers
Lung cancer, diagnosis and staging
Lung cancer, neuroendocrine
Lung cancer surgery
Lung infection
Lung pathology
Lung physiology
Lung volume reduction
Lymph nodes
- M**
Magnetic resonance imaging (MRI)
Mediastinum
Mediastinal infection
Mediastinal lymph nodes
Mediastinal tumor (includes thymus)
Mediastinoscopy
Mesothelioma
Metabolism (includes cell, organ, or body)
Metastectomy
Metastasis (combine with location)
Minimally invasive surgery
Mitral regurgitation (includes all etiologies)
Mitral systolic anterior motion (SAM)
Mitral valve
Mitral valve repair
Mitral valve replacement
Modeling, computer/mathematical/statistical
Molecular biology
Myasthenia gravis
Myocardial infarction
Myocardial injury
Myocardial mechanics
Myocardial metabolism
Myocardial morphology
Myocardial protection/cardioplegia
Myocardial remodeling/resaping/ventriculectomy
Myocardium
Myxoma
- N**
Neonate
Neurocognitive deficits
Neuroendocrine tumor
Neurogenic tumor
Neurology/Neurologic injury
Nerves, cranial or peripheral
Nitric oxide
Nursing
Nutrition
- O**
Obesity
Off-pump surgery
Organ donor management
Organ preservation
Outcomes (includes mortality, morbidity)
- P**
Pacemaker
Pacing complications
Pacing, resynchronization/biventricular
Pain
Pathology (combine with organ or tissue)
Pathophysiology (indicate organ or system)
Patient safety
Pectus excavatum, carinatum
- Pediatric**
Perfusion
Pericardium (includes everything related)
Perioperative care
Peripheral vascular disease (outside the chest)
Pharmacology (combine with target disease, organ or cell)
Phrenic nerve
Physiology (combine with organ or system)
Platelets
Pleura (includes fibrosis and decortication)
Pleural effusion
Pleural space
Pneumonectomy
Pneumothorax
Positron emission tomography (PET)
Postinfarction cardiac complications
Postoperative care
Practice guidelines
Preconditioning
Pregnancy
Prematurity
Preoperative care
Professional affairs
Prosthesis (indicate organ or tissue)
Proteomics
Pulmonary arteries
Pulmonary embolism
Pulmonary function (includes tests)
Pulmonary valve
Pulmonary vascular resistance/hypertension
- Q**
Quality of life
- R**
Radiation therapy
Rehabilitation
Rejection (immunologic)
Reoperation
Restenosis (indicate tissue)
Resuscitation (includes out of hospital life saving)
Revascularization (indicate organ or tissue)
Rheumatic
Robotics
Ross operation
Rupture (specify structure)
- S**
Sarcoma (indicate tissue or organ)
Shock (circulatory)
Shunts (indicate location)
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 (in any location)
Sternum
Stroke
Surgery/incisions
Surgery, complications
Surgery, emergency
Surgical instruments, sutures, etc
Sympathectomy
- T**
Thoracic duct
Thoracic outlet
Thoracoplasty
Thoracoscopy/VATS
Thoracotomy
Thrombosis (indicate location)
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 (combine with location, eg, cardiac)
Tumor markers
- U**
Ultrasound (all applications)
- V**
Vascular disease
Vascular biochemistry/pharmacology
Vascular tone and reactivity
Venous disease
Ventilation
Ventricle, left
Ventricle, right
- W**
Wound closure
Wound dehiscence
Wound healing
Wound infection
- X**
Xenograft