

2020 Keywords List – *Limit Choice to Four*

Acoustic-Optic Tunable Filter	Gene Therapy	Paper/Pulp
Adsorption	General Interest	Particle Beam
Aerosols/Particulates	Genetic Engineering	Particle Size and Distribution
Amino Acids	Genomics	Pattern Recognition
Art/Archaeology	Genomics, Proteomics and Other 'Omics'	Pharmaceutical
Atomic Force Microscopy (AFM)	Geochemistry	Photoacoustic
Atomic Spectroscopy/Elemental Analysis	GLP/GMP	Physical Measurements
Automation	High Throughput Chemical Analysis	Polymers and Plastics
Bioanalytical	High-Energy Spectroscopy	Portable Instruments
Biofuels	History of Chemistry	Potentiometry
Bioinformatics	Homeland Security/Forensics	Prep Chromatography/Isolation/Purification
Biological Samples	HPLC Columns	Process Analytical Chemistry
Biomedical	Hyphenated Techniques - Other	Process Analytical Techniques
Biopharmaceutical	Immobilization	Process Control and Monitoring
Biospectroscopy	Immunoassay	Proteins and Peptides
Biotechnology	Industrial Hygiene	Proteomics
Calibration	Instrumentation	Quality/QA/QC
Cannabis	Integrated Sensor Systems	Quantitative
Capillary Electrophoresis	Ion Chromatography	Radiochemical Methods
Capillary LC	Ionization Techniques	Reference Material
Carbohydrates	Laboratory Informatics	Regulatory
Chemical	Laboratory Management	Renewable Energy
Chemical Methods	Laser	Rheology
Chemometrics	Laser Desorption (MALDI)	Robotics
Chiral Separations	Light Scattering	Rubber
Chromatography - Other	LIMS and Data Management	Safety
Clinical Chemistry	Lipids	Sampling and Sample Preparation
Clinical/Toxicology	Liquid Chromatography	Semiconductor
Combinatorial Chemistry	Liquid Chromatography/Mass Spectrometry	Sensors
Computers, Modeling, and Simulation	Liquid Crystal	Separation Sciences
Consumer Products	Magnetic Resonance	Single Molecule
Contamination	Mass Analyzers	Specialty Gas Analysis
Cosmetic	Mass Spectrometry	Spectroelectrochemistry
Data Analysis and Manipulation	Material Science	Standards
Environmental - Air	Materials Characterization	Statistics and Data Mining
Environmental - Biological	Membrane	Stripping Analysis
Environmental - Soils, Hazardous Waste	Metabolomics and Metabonomics	Supercritical Fluid Extraction/Supercritical
Environmental - Water	Method Development	Fluid Chromatography
Enzyme Assays	Microfluidics/Lab-on-a-Chip	Surface Analysis/Imaging
Extractions	Microscopy	Surface Enhanced Raman Spectroscopy
Fiber Optics	Microwave	Surfactants
Flavors/Fragrance/Essential Oils	Modified Silica	Thermal Analysis
Flow Injection Analysis	Molecular Spectroscopy	Thin Layer Chromatography
Fluorescence and Luminescence	(Fluorescence/Luminescence, UV/VIS)	Titration
Food Identification	Multichannel Spectrometry (CCD CID, array)	Total Organic Carbon
Food Safety	Nanotechnology	Trace Analysis
Food Science	Natural Products	Ultra Fast Spectroscopy
Forensics	Neural Network	Validation
Fuels, Energy, and Petrochemical	Neurochemistry	Vibrational Spectroscopy (Raman, Infrared)
Gas Chromatography	New Method	Voltammetry
Gas Chromatography/Mass Spectrometry	Nuclear	Wet Chemical Methods
GC and GC/MS Sample Introduction	Nucleic Acids	X-ray Techniques
GC Columns	Paint/Coatings	