

Key Element Index Entries

Please find below a recommended list of current keywords. A maximum of six keywords should be indicated below the abstract to describe the contents of the manuscript. Keywords should be selected, if appropriate, from the following classes: theoretical methods, experimental methods, phenomena, materials, and applications. The list may also be obtained from the Editor or publisher.

The following list might be used as a guideline

| | | | | |
|-----------------------|-------------------|------------------------------|-----------------------|-------------------------|
| Ab initio | Bond energy | Curium | Fulvene | Imine |
| Acetate | π -Bonding | Cyanide | Fused salts | Indium |
| Acetylacetonate | Book reviews | Cyclobutadiene | Gadolinium | Infrared spectroscopy |
| Actinide | Borate | Cycloheptatrienyl | Gallium | Intercalation |
| Actinium | Boron | Cyclometallation | Gaussian calculations | Iodide |
| Acyl | Boronic acid | Cyclooctatetraene | Germanium | Iodine |
| Agostic | Bridging ligand | Cyclopentadienyl | Gold | Ion beams |
| Alcohol | Bromide | Dehydrogenation | Graph theory | Ion cyclotron resonance |
| Aldehyde | Bromine | Desulfurization | Group 1 | Iridium |
| Alkali metals | Cadmium | Diazine | Group 2 | Iron |
| Alkaline earth metals | Cage compound | Dihydrogen | Group 3 | Isocyanate |
| Alkene | Calcium | Diimine | Group 4 | Isocyanide |
| Alkoxide | Californium | Dimethyl sulfoxide | Group 5 | Isomerism |
| Alkyl | Calorimetry | Dinitrogen | Group 6 | Ketone |
| Alkyl halide | Carbene | Diolefin | Group 7 | Kinetics |
| Alkylidyne | Carbide | Dioxygen | Group 8 | Lanthanide |
| Alkyne | Carbon | Diphosphine | Group 9 | Lanthanum |
| Allene | Carbon-13 | Dithiocarbonate | Group 10 | Large ring |
| Allyl | Carbon dioxide | Diyne | Group 11 | Late transition metals |
| Alumina | Carbon monoxide | Dynamics | Group 12 | Lawrencium |
| Aluminium | Carbonyl | Dysprosium | Group 13 | Lead |
| Americium | Carbonylation | Early transition metals | Group 14 | Ligand field |
| Amide | Carborane | Einsteinium | Group 15 | Lithium |
| Amine | Carboxylate | Electrochemistry | Group 16 | Lutetium |
| Amino acid | Carbyne | Electron diffraction | Group 17 | Macrocycle |
| Aminophosphine | Catalysis | Electronic | Group 18 | Magnesium |
| Ammine | Cerium | Electron spin resonance | Hafnium | Main Group metals |
| Anticancer | Cesium | Electron transfer | Halide | general |
| Antiferromagnetism | Chalcogen | Enzyme | Halogen | Manganese |
| Antimony | Chalcogenide | Epoxidation | Heteropolyacid | Mass spectrometry |
| Arene | Charge transfer | Erbium | Heterobimetallics | Matrix isolation |
| Argon | Chirality | ESCA | Hindered (bulky) | Mechanism |
| Aroyl | Chloride | Europium | ligands | Mendelevium |
| Arsenic | Chlorine | EXAFS | Holmium | Mercury |
| Aryl | Chromium | Extended Hückel calculations | Hydrazine | Mesityl |
| Astatine | Clathrate | Fermium | Hydride | Metal atom chemistry |
| Azaferrocene | Cluster | Ferrocene | Hydroformylation | Metal carbonyl anions |
| Barium | Cobalamin | Ferromagnetism | Hydrogen | Metal carbonyl cations |
| Benzyl | Cobalt | Flowing afterglow | Hydrogenation | Metallacycle |
| Berkelium | Conductivity | Fluorine | Hydrogen bonding | Metallatrane |
| Beryllium | Copper | Fluxionality | Hydrolysis | Metalloborane |
| Bipyridine | Crown ether | Francium | Hydroxide | Metalloenes |
| Bismuth | Cryptand | Fullerene | Imidazole | Metal vapour synthesis |
| Bond activation | Crystal structure | | Imide | Methane |

- Methanol
 Methoxide
 Methyl
 Methylene
 Microwave heating
 MINDO calculations
 MOCVD
 Molecular methanics
 molecular orbital calculations
 Molybdenum
 Mössbauer spectroscopy
 Neodymium
 Neopentyl
 Neptunium
 Neutron diffraction
 Nickel
 Niobium
 Nitrate
 Nitrene
 Nitride
 Nitrogen
 Nitrosyl
 Nobelium
 Non-linear optics
 Nuclear magnetic resonance
 Nuclear quadrupole resonance
 Optical resolution
 Orthometallation
 Osmium
 Oxidation
 Oxidative addition
 Oxide
 Oxime
 Oxygen
 Palladium
 Paracyclophane
 Pentadienyl
 Pentafluorophenyl
 Perchlorate
 Perfluoroalkyl
 Peroxide
 Phase transfer
 Phenol
 Phenyl
 Phosphide
 Phosphine
 Phosphinidene
 Phosphonic acid
 Phosphorus
 Photochemistry
 Photoelectron spectroscopy
 Phthalocyanine
 Platinum
 Plutonium
 Pnictogens
 Polonium
 Polymer
 Polyoxometallate
 Polysilane
 Porphyrin
 Potassium
 Praseodymium
 Promethium
 Protactinium
 Protonation
 Pyrazole
 Pyridine
 Radical
 Radium
 Radon
 Raman spectroscopy
 Rare earth metals
 Rhenium
 Rhodium
 Rubidium
 Ruthenium
 Samarium
 Scandium
 Schiff base
 Second harmonic generation
 Selenium
 Silane
 Silatrane
 Silicon
 Silver
 Silyl
 Silylene
 Small ring
 Sodium
 Solvent
 Sonochemistry
 Spectroelectrochemistry
 Stannyl
 Strontium
 Sulfate
 Sulfur
 Sulfur dioxide
 Sulfur monoxide
 Superconductivity
 Supported catalyst
 Tantalum
 Technetium
 Tellurium
 Template
 Terbium
 Tetrahydroborate
 Thallium
 Thermochemistry
 Thermodynamics
 Thiocyanate
 Thiolate
 Thorium
 Thulium
 Tin
 Titanium
 Transition metals
 general
 Triilate
 Trimethylsilyl
 Tungsten
 Uranium
 Vanadium
 Vinyl
 Water soluble phosphines
 Water
 X-ray diffraction
 Ylide
 Ytterbium
 Yttrium
 Zinc
 Zirconium