01.00 Atomic and molecular collisional and dynamical processes
01.01 Electron and photon collisions with atoms and molecules: excitation
01.02 Electron and photon collisions with atoms and molecules: ionization
01.03 Heavy-particle collisions
01.04 Dissociation, recombination and attachment
01.05 Distribution functions and transport coefficients for electrons and ions
01.06 Other atomic and molecular collision phenomena
02.00 Plasma science
02.01 Nonequilibrium kinetics of low-temperature plasmas
02.02 Basic plasma physics phenomena in low- temperature plasmas
02.03 Plasma boundaries: sheaths, boundary layers, others,
02.04 Plasma-surface interactions
02.05 Plasma diagnostic techniques
02.06 Modeling and simulation: computational methods
02.07 Modeling and simulation: validation and verification
02.08 Modeling and simulation: plasma sources
02.09 Modeling and simulation: chemical reactions
02.10 Modeling and simulation: other
02.11 Glows: dc, pulsed, microwave, others
02.12 Capacitively coupled plasmas
02.13 Inductively coupled plasmas
02.14 Magnetically-enhanced plasmas: ECR, helicon, magnetron, others
02.15 High pressure discharges: coronas, breakdown, sparks
02.16 Dielectric barrier discharges and low temperature jets
02.17 Microdischarges
02.18 Thermal plasmas: arcs, jets, switches, others
02.19 Plasmas in liquids
02.20 Negative-ion and dust-particle-containing plasmas
02.21 Gas phase plasma chemistry
02.22 Other plasma science topics
03.00 Plasma applications
03.01 Plasmas for light production: laser media, glows, arcs, flat panels, and novel sources
03.02 Plasma etching
03.03 Plasma deposition
03.04 Plasma ion implantation
03.05 Green plasma technologies: environmental and energy applications
03.06 Plasma processing for photovoltaic applications
03.07 Biological applications of plasmas and plasma applications in medicine
03.08 Plasma propulsion and aerodynamics
03.09 Plasmas for nanotechnologies, flexible electronics, and other emerging applications
03.10 Plasma for other materials processing and synthesis