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- **Atomic Emission** (AES), **Atomic Absorption** (AAS) and **Atomic Fluorescence** (AFS) spectroscopy;
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- Laser induced atomic **spectroscopy** for inorganic analysis, including non-linear optical laser spectroscopy, covering Laser Enhanced Ionization (LEI), Laser Induced Fluorescence (LIF), Resonance Ionization Spectroscopy (RIS) and Resonance Ionization Mass Spectrometry (RIMS);
- Laser Induced Breakdown Spectroscopy (LIBS); Cavity Ringdown Spectroscopy (CRDS), Laser Ablation Inductively Coupled Plasma Atomic Emission Spectroscopy (LA-ICP-AES) and Laser Ablation Inductively Coupled Plasma Mass Spectrometry (LA-ICP-MS). **X-ray spectrometry**, X-ray Optics and Microanalysis, including X-ray fluorescence spectrometry (XRF) and related techniques, in particular Total-reflection X-ray Fluorescence Spectrometry (TXRF), and Synchrotron Radiation-excited Total reflection XRF (SR-TXRF).

Manuscripts dealing with (i) fundamentals, (ii) methodology development, (iii) instrumentation, and (iv) applications, can be submitted for publication.

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Authoritative and comprehensive review articles, dedicated to a particularly important topic or field of analysis, are published regularly. In addition, shorter, concise reviews or viewpoints focusing on the current status and future prospects of a field or topic particularly relevant to the development of a new analytical methodology or to a better understanding of its fundamental underlying principles are welcome. Tutorial reviews, illustrating in depth fundamental concepts in atomic spectroscopy and analytical atomic spectroscopy, are also published.

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