
SPECIAL ISSUE ON

THE APPLICATION OF ANALYTICAL TECHNIQUES IN FORENSIC SCIENCE

CALL FOR PAPERS

In our journal *Advances in Analytic Science*, a special issue is calling for papers about the application of analytical techniques in forensic science.

Forensic science is a significant part of the criminal justice system. Forensic scientists examine and analyze samples collected from crime scenes and elsewhere to develop objective findings which assist in the investigation and prosecution of perpetrators or absolve an innocent person from suspicion.

The forensic analysis applies the basic theory and mythology of advanced analytical science to rationalize materials of crimes and provide evidence for detection. Samples may be nails, hair, urine, body fluids, fiber, paint, glass, fingerprint, footwear and footprint, etc. There are four steps to conducting forensic analysis: presumptive test, screening test, definitive identification, and qualitative test. And organic analytical techniques and in-organic analytical techniques are taken in forensics. Organic analytical techniques such as chromatography, UV-visible Spectrophotometry, Infrared Spectrophotometry, Mass Spectrometry, Gas Chromatography-Mass Spectroscopy, and Liquid Chromatography-Mass Spectroscopy are applied to analyze organic compounds. Inorganic elements analysis is often carried out by Atomic Absorption Spectrophotometry, Neutron Activation Analysis, X-Ray Diffraction Analysis, Fluorimetry, Nephlo Turbidimetry, Atomic Emission Spectroscopy, and so on.

In this issue, we concentrate on the application of analytical techniques in forensics science. Potential topics are suggested but are not limited to: **the advances in forensic analytical techniques, forensic analytical toxicology, sample preparation, forensic chemistry, detailed use cases, etc.**

For more details, you can view them via the following link: <https://aber.apacsci.com/si.php/index/detail?id=16>

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SI Website: <https://aber.apacsci.com/si.php/index/detail?id=16>

This Issue is now open for submissions. Manuscripts should be submitted online at aber.apacsci.com by registering and logging in to this website. Then you can submit the manuscripts.

Papers are published upon acceptance, regardless of the Special Issue publication date.