1. **Measurement of Aerosol Transport Efficiency in Atomic Spectrometry**  

2. **Aerosol Transport Model for Atomic Spectrometry**  

3. **Influence of Solution Uptake Rate on Signals and Interferences in Inductively Coupled Plasma Optical Emission Spectrometry**  

4. **Empirical model for estimating drop size distributions of aerosols generated by inductively coupled plasma nebulizers**  

5. **Evolution of drop size distributions for pneumatically generated aerosols in inductively coupled plasma atomic emission spectrometry**  

6. **Dual Beam, Light-Scattering Interferometry for Signal Measurements of Droplet Size and Velocity Distributions of Aerosols from Commonly Used Nebulizers**  

7. **Effects of analyte and solvent transport on signal intensities in inductively coupled plasma atomic emission spectrometry**  

8. **Inductively Coupled Plasma Optical Emission Spectrometry Using Nebulizers with Widely Different Sample Consumption Rates**  

9. **High-Efficiency Nebulizer for Argon Inductively Coupled Plasma Mass Spectrometry**  

10. **Phase-Doppler Diagnostic Studies of Primary and Tertiary Aerosols Produced by a High-Efficiency Nebulizer**  

11. **Optical Techniques in Fluid, Thermal, and Combustion Flow: Characterization of primary and tertiary aerosols produced for high-temperature plasma spectrometry**  

12. **Investigation of a high-efficiency nebulizer and a thimble glass frit nebulizer for elemental analysis of biological materials by inductively coupled plasma-atomic emission spectrometry**  


14. **Effect of Laminar Flow in Capillary Electrophoresis: Model and Experimental Results on Controlling Analysis Time and Resolution with Inductively Coupled Plasma Mass Spectrometry Detection**  

15. **Direct Injection High-Efficiency Nebulizer for Inductively Coupled Plasma Mass Spectrometry**  

16. **Sample Introduction in ICPMS**  

17. **Fundamental Aspects of Sample Introduction in ICP Spectroscopy**  

18. **Nebulizer Diagnostics: Fundamental Parameters, Challenges, and Techniques on the Horizon**  
19. **Sensitive Quantitation of Chromium-DNA Adducts by Inductively Plasma Mass Spectrometry with a Direct Injection High-Efficiency Nebulizer**  

20. **Ultratrace and Isotope Analysis of Long-Lived Radionuclides by Inductively Coupled Plasma Quadrupole Mass Spectrometry Using a Direct Injection High Efficiency Nebulizer**  

21. **Internalization of Carcinogenic Lead Chromate Particles by Cultured Normal Human Lung Epithelial Cells: Formation of Intracellular Lead Inclusion Bodies and Induction of Apoptosis**  

22. **Improving Sensitivity for CE-ICP-MS Using Multicapillary Parallel Separation**  

23. **A Large Bore-Direct Injection High Efficiency Nebulizer for Inductively Coupled Plasma Spectrometry**  

24. **The Determination of Cr in Human Lung Fibroblast Cells Using a Large Bore-Direct Injection High Efficiency Nebulizer with Inductively Coupled Plasma Mass Spectrometry**  

25. **Direct Injection High Efficiency Nebulization in Inductively Coupled Plasma Mass Spectrometry Under Cool and Normal Conditions**  

26. **Optical Patternation: A Technique for Three Dimensional Aerosol Diagnostics**  

27. **A Direct Injection High Efficiency Nebulizer Interface for Microbore High-Performance Liquid Chromatography-Inductively Coupled Plasma Mass Spectrometry**  


29. **Ultratrace and isotope analysis of long-lived radionuclides by inductively coupled plasma quadrupole mass spectrometry using a direct injection high efficiency nebulizer**  

30. **Internalization of carcinogenic lead chromate particles by cultured normal human lung epithelial cells: formation of intracellular lead-inclusion bodies and induction of apoptosis**  

31. **A large bore-direct injection high efficiency nebulizer for inductively coupled plasma spectrometry**  

32. **Simulation of droplet-gas interactions in an inductively coupled plasma using direct simulation Monte Carlo method**  

33. **Modeling of droplet evaporation from a nebulizer in an inductively coupled plasma**  

34. **Oxide ion formation of long-lived radionuclides in double-focusing sector field inductively coupled plasma mass spectrometry and their analytical applications**  

35. **Non-spectral interference effects in inductively coupled plasma mass spectrometry using direct injection high efficiency and microconcentric Nebulization**  

36. **Interfacing Capillary Electrophoresis with Inductively Coupled Plasma Mass Spectrometry by Direct Injection Nebulization for Selenium Speciation**  
37. **Determination of uranium isotopic composition and 236U content of soil samples and hot particles using inductively coupled plasma mass spectrometry**

38. **Evaluation of a direct injection high-efficiency nebulizer (DIHEN) by comparison with a high-efficiency nebulizer (HEN) coupled to a cyclonic spray chamber as a liquid sample introduction system for ICP-AES**

39. **Simulation of droplet heating and desolvation in an inductively coupled plasma - Part I**

40. **Ultratrace and isotopic analysis of long-lived radionuclides by double-focusing sector field inductively coupled plasma mass spectrometry using direct liquid sample introduction**

41. **Spatial aerosol characteristics of a direct injection high efficiency nebulizer via optical patternation**

42. **Interfacing sequential injection on-line preconcentration using a renewable micro-column incorporated in a 'lab-on-valve' system with direct injection nebulization inductively coupled plasma mass spectrometry**

43. **Modified direct injection high efficiency nebulizer with minimized dead volume for the analysis of biological samples by micro- and nano-LC-ICP-MS**

44. **Axial inductively coupled plasma time-of-flight mass spectrometry using direct liquid sample introduction**

45. **Mixed-gas inductively coupled plasma atomic emission spectrometry using a direct injection high efficiency nebulizer**

46. **Determination of memory-prone elements using direct injection high efficiency nebulizer inductively coupled plasma mass spectrometry**

47. **Coupling sequential injection on-line preconcentration using a PTFE beads packed column to direct injection nebulization inductively coupled plasma mass spectrometry**

48. **FI/SI on-line solvent extraction/back extraction preconcentration coupled to direct injection nebulization inductively coupled plasma mass spectrometry for determination of copper and lead**

49. **Comparison of a direct injection nebulizer and a micronebulizer associated with a spray chamber for the determination of iodine in the form of volatile CH3I by inductively coupled plasma sector field mass spectrometry**

50. **Reduction of molecular ion interferences with hexapole collision cell in direct injection nebulization-inductively coupled plasma mass spectrometry**

51. **Anodic stripping voltammetry combined on-line with inductively coupled plasma-MS via a direct-injection high-efficiency nebulizer**

52. **Direct injection high efficiency nebulizer-inductively coupled plasma mass spectrometry for analysis of petroleum samples**