

Plasma Emission Spectrometry[†]

Diane Beauchemin,^{*} J. C. Yves Le Blanc, Gregory R. Peters,[‡] and Anthony T. Persaud

Department of Chemistry, Queen's University, Kingston, Ontario, Canada K7L 3N6

The books listed in Table 1 span a range of readership, from being well suited as an undergraduate textbook (e.g., *Spectrochemical Analysis by Atomic Absorption and Emission*) to covering one topic in great depth (e.g., *Inductively Coupled Plasmas in Analytical Atomic Spectrometry*). The latter could have also been titled “Everything that you always wanted to know about the ICP”. It is probably the most important contribution to the field. The reader will therefore not be totally surprised to find out that, within our group, we affectionately refer to this book as the “ICP bible”!

Table 1. Books Related to Plasma Emission/Fluorescence Spectrometry

title	authors and/or editors	publisher	year	related technique	book review
<i>Flow Injection Separation and Preconcentration</i>	Z. Fang	VCH	1993	FIA	A9
<i>Element-Specific Chromatographic Detection by Atomic Emission Spectroscopy</i> ; ACS Symposium Series 479	P. C. Uden, Ed.	American Chemical Society	1992	various plasma-AES	A10–A12
<i>Spectrochemical Analysis by Atomic Absorption and Emission</i>	L. H. J. Lajunen	The Royal Society of Chemistry	1992	ICP-AES, DCP-AES, MIP-AES	A13–A16
<i>Inductively Coupled Plasmas in Analytical Atomic Spectrometry</i> , 2nd ed.	A. Montaser and D. W. Golightly	VCH	1992	ICP-AES, ICP-AFS	A17, A18
<i>Advances in Atomic Spectrometry</i> , Vol. 1	J. Sneddon, Ed.	JAI Press	1992	ICP-AES, FIA	A19
<i>Non-chromatographic Continuous Separation Techniques</i>	M. Valcarcel and M. D. Luque de Castro	The Royal Society of Chemistry	1991	FIA, HG	A20–A23
<i>Trace Metal Analysis and Speciation</i> ; Journal of Chromatography Library 47	I. S. Krull, Ed.	Elsevier	1991	MIP-AES, ICP-AES, DCP-AES	A24–A27
<i>Soil Analysis. Modern Instrumental Techniques</i> , 2nd ed.	K. A. Smith, Ed.	Marcel Dekker	1991	ICP-AES, FIA, IC	A28–A30
<i>Determination of the Precious Metals: Selected Instrumental Methods</i>	J. C. Van Loon and R. R. Barefoot	Wiley	1991	ICP-AES, IC, FIA	A31
<i>Factor Analysis in Chemistry</i> , 2nd ed.	E. R. Malinowski	John Wiley & Sons	1991	data processing	A32, A33
<i>Principles and Practices of Spectroscopic Calibration</i>	H. Mark	John Wiley & Sons	1991	data processing	A34