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Metals and Ceramics Division

ATOM PROBE FIELD ION MICROSCOPY AND RELATED TOPICS:
A BIBLIOGRAPHY 1991

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PREFACE

This bibliography, covering the period 1991, includes references related to the following topics: atom probe field ion microscopy (APFIM), field desorption mass spectrometry (FDMS), field emission (FE), field ion microscopy (FIM), and theory. Technique-orientated studies and applications are included.

Previous publications containing the papers published prior to this period are as follows:

<i>Atom Probe Field-ion Microscopy and Related Topics: A Bibliography 1978-1987</i>	M.K. Miller and A.R. McDonald	ORNL/TM-11157
<i>Atom Probe Field-Ion Microscopy and Related Topics: A Bibliography 1988</i>	M.K. Miller and A.R. Hawkins	ORNL/TM-11370
<i>Atom Probe Field Ion Microscopy and Related Topics: A Bibliography 1989</i>	M.K. Miller, A.R. Hawkins, and K.F. Russell	ORNL/TM-11696
<i>Atom Probe Field Ion Microscopy and Related Topics: A Bibliography 1990</i> published by Oak Ridge National Laboratory, Oak Ridge, TN 37831-6285 and	K.F. Russell and M.K. Miller	ORNL/TM-12005
<i>Field-Ion Microscopy and Related Techniques, A Bibliography: 1951-1978</i> published by Warwick, Birmingham	R.E. Thurstans and J.M. Walls	

The references contained in this document were compiled from a variety of sources including computer searches and personal lists of publications. To reduce the length of this document, the references have been reduced to the minimum necessary to locate the articles. The references, listed alphabetically by authors, are subdivided into the categories listed in paragraph one above. An *Addendum* of references missed in previous bibliographies is included.

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