

# FIRE RESEARCH PUBLICATIONS, 1989

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**U.S. DEPARTMENT OF COMMERCE**  
**National Institute of Standards**  
**and Technology**  
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**U.S. DEPARTMENT OF COMMERCE**  
**Robert A. Mosbacher, Secretary**  
**NATIONAL INSTITUTE OF STANDARDS**  
**AND TECHNOLOGY**  
**John W. Lyons, Director**





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## ABSTRACT

"Fire Research Publications, 1989" is a supplement to previous editions; the last five editions are referenced below. Earlier edition information is available upon request.

1984	NBSIR 85-3153	PB85-208502
1985	NBSIR 86-3372	PB86-208317
1986	NBSIR 87-3555	PB88-109889
1987	NBSIR 88-3758	PB88-199641
1988	NISTIR 89-4081	PB89-193304

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The Keyword Index lists the primary (that is, the first) author once under the appropriate keyword. However, the author may have one or more references on this topic. For additional references, check each author listed under a keyword.



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## 12. KEY WORDS (6 TO 12 ENTRIES; ALPHABETICAL ORDER; CAPITALIZE ONLY PROPER NAMES; AND SEPARATE KEY WORDS BY SEMICOLONS)

cigarettes, composite materials; cone calorimeters; fire models; fire research; flame research; oil spills; plastics; smoke control; sprinklers; toxicity

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