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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. I. Introduction -- pt. II. Harmful effects of fire effluents -- pt. III. Biological assessment of fire toxicity -- pt. IV. Toxicity assessment using chemical analysis -- pt. V. National and international fire safety regulations -- pt. VI. Numerical simulation of fires and their hazards.
Sommario/riassunto	Toxic fire effluents are responsible for the majority of fire deaths, and an increasing large majority of fire injuries, driven by the widespread and increasing use of synthetic polymers. Fire safety has focused on preventing ignition and reducing flame spread through reducing the rate of heat release, while neglecting the important issue of fire toxicity. This is the first reference work on fire toxicity and the only scientific publication on the subject in the last 15 years. Assessment of toxic effects of fires is increasingly being recognised as a key factor in the assessment of fire