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Nota di contenuto	Chapter 1: Nanotechnology and Fingerprinting -- Chapter 2: Nanoparticles for Development & Detection of Fingerprints -- Chapter 3: Chemistry of Nanomaterials for finger printing -- Chapter 4: Quantum Dots in Fingerprinting -- Chapter 5: Florescent Nanoparticles in Fingerprinting -- Chapter 6: Nanocomposite and hybrid materials for fingerprints -- Chapter 7: Carbon based Nanomaterial -- Chapter 8: Silver & Gold Nanoparticles Development of Fingerprint -- Chapter 9: Zinc Oxide Nanoparticles (ZnO-NPs) -- Chapter 10: Silica Nanoparticles for Development of Fingerprints -- Chapter 11: Iron Oxide for development of Fingerprints -- Chapter 12: Aluminum oxide nanoparticles for development of Fingerprints -- Chapter 13: Green

	synthesized nanoparticles for development of Latent Fingerprint -- Chapter 14: Smart material design and development of Fingerprint -- Chapter 15: functionalized nanomaterials use of development Fingerprint -- Chapter 16: Modeling and simulations involved in fingerprinting.
Sommario/riassunto	The book presents emerging techniques for the development of latent fingerprint on various surfaces using nanotechnology. It explores the use of nanoparticles for the development of fingerprints. Various topics covered in this book include chemistry of nanomaterials for finger printing, quantum dots in fingerprinting, florescent nanoparticles in fingerprinting, nanocomposite and hybrid materials for fingerprints, carbon-based nanomaterial, silver and gold nanoparticles development of fingerprint, zinc oxide nanoparticles, silica nanoparticles for development of fingerprints, etc. Given the contents, the book will be highly useful for the students, researchers and professionals working in the areas of forensic science and nanotechnology.