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Titolo	Luminescence Dating in Archaeology, Anthropology, and Geoarchaeology : An Overview // by Ioannis Liritzis, Ashok Kumar Singhvi, James K. Feathers, Gunther A. Wagner, Annette Kadereit, Nikolaos Zacharias, Sheng-Hua Li
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Nota di contenuto	Introduction -- Luminescence Dating Protocols and Dating Range -- Dose Rate -- Luminescence Dating of Archaeological Materials -- Luminescence-Based Authenticity Testing -- Luminescence Dating in Geomorphological and Geoarchaeological Research in Europe: Application Examples -- Meteoritic Impacts, Tsunamis -- Conclusions.
Sommario/riassunto	The field of Luminescence Dating has reached a level of maturity. Both research and applications from all fields of archaeological science, from archaeological materials to anthropology and geoarchaeology, now routinely employ luminescence dating. The advent of optically stimulated luminescence (OSL) techniques and the potential for exploring a spectrum of grain aliquots enhanced the applicability, accuracy and the precision of luminescence dating. The present contribution reviews the physical basis, mechanisms and methodological aspects of luminescence dating; discusses advances in

instrumentations and facilities, improvements in analytical procedures, and statistical treatment of data along with some examples of applications across continents, covering all periods (Middle Palaeolithic to Medieval) and both Old and New World archaeology. They also include interdisciplinary applications that contribute to palaeo-landscape reconstruction.
