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Altri autori (Persone)	GunnewegJan AdriaensA (Annemie) DikJoris
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Nota di contenuto	The coin beneath the crust : a pilot study of coins from the Mediterranean coast of Israel / Annemie Adriaens ... [et al.] -- A short note on the application of synchrotron-based micro-tomography on the Dead Sea scrolls / Joris Dik ... [et al.] -- Gender and Qumran / Katharina Galor -- Was the Qumran settlement a mere pottery production center? What instrumental neutron activation revealed / Jan Gunneweg, Marta Balla -- Introduction to the "buried bones" / Jan Gunneweg -- Animal remains from Khirbet Qumran : a case study of two bones (QUM 392 and 393) from two bone burials / Gila Kahila Bar-Gal, Tzviki Rosenberg, Charles Greenblatt -- Degradation of parchment and ink of the Dead Sea scrolls investigated using synchrotron-based X-ray and infrared microscopy / Bridget Murphy ... [et al.] -- Radiocarbon dating and Qumran / Johannes van der Plicht, Kaare L. Rasmussen -- Characterization of the writing media of the Dead Sea scrolls / Ira Rabin ... [et al.] -- On the age of Jar-35 / Kaare L. Rasmussen ... [et al.] -- Analyzes [sic] of a sample of "masse de fer" from Qumran locus 104 excavated by R. de Vaux / Kaare L. Rasmussen

... [et al.] -- The sciences and the reconstruction of the ancient scrolls : possibilities and impossibilities (summary) / Emanuel Tov -- Introduction to "soap at Qumran" / Jan Gunneweg -- Making soap as the Qumranites did / Sasja van der Vaart ... [et al.] -- The Dead Sea, the nearest neighbor of Qumran and the Dead Sea manuscripts : what SEM, XRD and instrumental neutron activation may show about Dead Sea mud / Jan Gunneweg.

Sommario/riassunto

Much of the previous sixty years (1949-2009) have been devoted to the cleaning of the Dead Sea scrolls, their piecing together and their translation. The present volume is a scientific study of the various archaeological relics that have been found in the three units at Qumran: The settlement, the caves with the scrolls and the cemetery. With the aid of neutron activation of Qumran's pottery we established its human relations with neighboring sites, by radio carbon dating we placed the relics in their time frame, by DNA we study the provenance of the animal hides that served the scribes as parchment. The ink is studied for examining the degradation processes that started when the scrolls were written, 2000-2300 years ago.
