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Titolo	Radical and radical ion reactivity in nucleic acid chemistry // edited by Marc M. Greenberg
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Collana	Wiley series of reactive intermediates in chemistry and biology
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Nota di contenuto	Theoretical modeling of radiation-induced DNA damage / Anil Kumar and Michael D. Sevilla -- Radical reaction pathways initiated by direct energy deposition in DNA by ionizing radiation / William A. Bernhard -- Chemical reactions of the radical cations of nucleobases in isolated and cellular DNA : formation of single-base lesions / Jean Cadet ... [et al.] -- Reactivity of nucleic acid sugar radicals / Chrysostomos Chatgililoglu -- Pyrimidine nucleobase radical reactivity / Marc M. Greenberg -- Reactivity of 5-halopyrimidines in nucleic acids / Ryn Tashiro and Hiroshi Sugiyama -- Kinetics of long-range oxidative electron transfer through DNA / Kiyohiko Kawai and Tetsuro Majima -- Radical intermediates during reductive electron transfer through DNA / Reji Varghese and Hans-Achim Wagenknecht -- Low-energy electron interaction with DNA : bond dissociation and formation of transient anions, radicals, and radical anions / Leon Sanche -- Electronic-affinic radiosensitizers / Peter Wardman -- Reactions of reactive nitrogen species and carbonate radical anions with DNA / Vladimir Shafirovich, Conor Crean, and Nicholas E. Geacintov -- Principles and applications of electrochemical oxidation of nucleic acids / H. Holden Throp and

Julie M. Sullivan -- DNA damage due to diradical-generating
cyclizations / Sean M. Kerwin -- DNA damage by phenoxy radicals /
Richard A. Manderville.
