1. Record Nr. UNINA9910818860503321

Titolo	Chlorophyll organization and energy transfer in photosynthesis
Pubbl/distr/stampa	Amsterdam ; ; New York, : Excerpta Medica, 1979
ISBN	9786613694140 9781280783753 1280783753 9780470720431 0470720433 9780470718117 0470718110
Edizione	[1st ed.]
Descrizione fisica	1 online resource (388 pages) : illustrations
Collana	Ciba Foundation symposium ; ; 61 (new ser.)
Disciplina	581.1/3342
Soggetti	Photosynthesis Chlorophyll Energy transfer
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Proceedings of the symposium held Feb. 7-9, 1978 in London.
Nota di bibliografia	Includes bibligraphical references and indexes.
Nota di contenuto	Chlorophyll Organization and Energy Transfer in Photosynthesis; Contents; Chairman's opening remarks; Structure and function in photoreaction-centre chlorophyll; Discussion; Properties of chlorophyll on plasticized polyethylene particles; Discussion; The preparation and characterization of different types of light-harvesting pigment-protein complexes from some purple bacteria; Discussion; Chlorophyll-protein complexes of brown algae: P700 reaction centre and light-harvesting complexes; Discussion; Resonance Raman spectroscopy of chlorophyll-protein complexes; Discussion The field of possible structures for the chlorophyll a dimer in photosystem I of green plants delineated by polarized photochemistry Discussion; Effects of ions and gravity forces on the supramolecular organization and excitation energy distribution in chloroplast membranes; Discussion; Fluorescence of light-harvesting chlorophyll a/b-protein complexes: implications for the photosynthetic unit;

Discussion; Energy transfer in a model of the photosynthetic unit; Discussion; Dynamics of excitons created by a single picosecond pulse; Discussion
Chlorophyll orientation and exciton migration in the photosynthetic membrane Discussion; Tripartite and bipartite models of the photochemical apparatus of photosynthesis; Discussion; Picosecond fluorescence from photosynthetic systems in vivo; Discussion; Energy transfer and its dependence on membrane properties; Discussion; Quenching of chlorophyll fluorescence and photochemical activity of chloroplasts at low temperature; Discussion; Transfer and trapping of excitation energy in photosystem II; Discussion; General discussion; Some retrospective comments; Manganese and the evolution of oxygen
The state of chlorophyll in photosystem I, photosystem II and the light-harvesting unit Grosser structure of chlorophyll-protein complexes; Comparison of the Paillotin-Swenberg kinetic theory and the Searle-Tredwell empirical treatment; Index of contributors; Subject index

Sommario/riassunto

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