1. Record Nr. UNINA9910799239803321 Autore Lüttge Ulrich Titolo Progress in Botany Vol. 84 / / edited by Ulrich Lüttge, Francisco M. Cánovas, María-Carmen Risueño, Christoph Leuschner, Hans Pretzsch Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2024 Pubbl/distr/stampa **ISBN** 3-031-45754-4 Edizione [1st ed. 2024.] Descrizione fisica 1 online resource (444 pages) Collana Progress in Botany, , 2197-8492;; 84 Altri autori (Persone) CánovasFrancisco M RisueñoMaría-Carmen LeuschnerChristoph PretzschHans Disciplina 580 Soggetti Botany **Botanical chemistry** Plant genetics Plant physiology Plant Science Plant Biochemistry Plant Genetics Plant Physiology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Explorations into the Physiology and Ecology of Grassland Plants and Ecosystems: One Agronomist's Academic Journey -- Origins of Life: A Proposal for an Alternative Approach -- Regulatory Roles of Small RNAs in Forest Trees -- Serine Metabolic Networks in Plants -- Reactive Nitrogen Species in Plant Metabolism -- Molecular Regulation of Starch Metabolism -- Photorespiration and Improving Photosynthesis --Molecular Regulation of Plant Responses to Shade -- Photoinhibition of PSI and PSII in Nature and in the Laboratory: Ecological Approaches --Distribution and Functions of Calcium Mineral Deposits in Photosynthetic Organisms -- Soil Hydraulic Constraints on Stomatal

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