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Collana	Progress in the Chemistry of Organic Natural Products, , 2192-4309 ; ; 106
Disciplina	547
Soggetti	Chemistry, Organic Pharmaceutical chemistry Medicinal chemistry Organic Chemistry Pharmaceutics Medicinal Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Naturally occurring Coumarins -- Human deiminases: isoforms, substrate specificities, kinetics, and detection -- Secondary metabolites from higher fungi.
Sommario/riassunto	The first contribution presents coumarins, the largest group of 1-benzopyran derivatives found in plants. Coumarin chemistry remains one of the major interest areas of phytochemists, especially because of their structural diversity and medicinal properties, along with the wide-ranging bioactivities of these compounds, inclusive of analgesic, anticoagulant anti-HIV, anti-inflammatory, antimicrobial, antineoplastic, antioxidant, and immunomodulatory effects. The second contribution presents a comprehensive survey of the many aspects of PAD biochemistry and physiology. The third contribution gives a comprehensive overview of secondary metabolites from higher fungi, with more than 700 references highlighting the isolation, structure elucidation, biological activities, chemical synthesis, and biosynthesis of pigments, nitrogen-containing compounds, and

terpenoids from mushrooms. .
