

1. Record Nr.	UNINA9910688417903321
Titolo	Dendrimers : A Themed Issue in Honor of Professor Donald A. Tomalia on the Occasion of His 80th Birthday // edited by Ashok Kakkar
Pubbl/distr/stampa	Basel, Switzerland : , : MDPI - Multidisciplinary Digital Publishing Institute, , 2018
ISBN	3-03897-379-3
Descrizione fisica	1 online resource (292 pages) : illustrations
Disciplina	547.7
Soggetti	Dendrimers Macromolecules
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	Dendrimers have firmly established their space in the macromolecular field since their first discovery in 1978. These monodispersed and hyperbranched macromolecules present unique properties with demonstrated potential in varied scientific disciplines. Dr. Donald A Tomalia is one of the pioneers in this area whose name is synonym for polyamidoamine (PAMAM) dendrimers, one of the most extensively investigated macromolecular architectures. In this monograph, his colleagues and friends celebrate Don's achievements and contributions to the field, on the occasion of his 80th birthday in 2018, which also coincides with the 40th anniversary of the first report on dendrimers. It provides the reader with excellent reviews on different aspects of dendritic architectures, followed by research articles that explore the state-of-the-art in synthesis, properties and varied applications, including in biology. Collectively, it provides scientists just beginning their careers, as well as firmly established ones, with the pulse of the field and inspiration to continue to explore these intriguing macromolecules.

2. Record Nr.	UNINA9910483510103321
Titolo	Advanced Information Networking and Applications : Proceedings of the 34th International Conference on Advanced Information Networking and Applications (AINA-2020) / / edited by Leonard Barolli, Flora Amato, Francesco Moscato, Tomoya Enokido, Makoto Takizawa
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-44041-9
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (1,535 pages)
Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 1151
Disciplina	004.6
Soggetti	Computational intelligence Engineering - Data processing Application software Computational Intelligence Data Engineering Computer and Information Systems Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This proceedings book covers the theory, design and applications of computer networks, distributed computing and information systems. Today's networks are evolving rapidly, and there are several developing areas and applications. These include heterogeneous networking supported by recent technological advances in power wireless communications, along with silicon integration of various functionalities such as sensing, communications, intelligence and actuations, which is emerging as a critically important disruptive computer class based on a new platform, networking structure and interface that enables novel, low-cost and high-volume applications. However, implementing these applications has sometimes been difficult due to interconnection problems. As such, different networks need to collaborate, and wired and next-generation wireless systems need to be integrated in order to develop high-performance computing

solutions to address the problems arising from these networks' complexities. This ebook presents the latest research findings, as well as theoretical and practical perspectives on the innovative methods and development techniques related to the emerging areas of information networking and applications.
