1. Record Nr. UNINA9910727247503321

Autore	Lombard Emmett
Titolo	The Internationalization of the Academic Library / / Emmett Lombard
Pubbl/distr/stampa	London : , : Routledge, , 2022 ©2022
ISBN	1-00-312887-4 1-003-12887-4 1-000-47606-5
Descrizione fisica	1 online resource (146 pages)
Collana	Routledge studies in library and information science
Disciplina	027.7
Soggetti	Academic libraries - Aims and objectives Academic libraries - Administration International education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Why internationalize? -- Where does internationalization occur? -- Who are the stakeholders? -- How to accommodate stakeholders.
Sommario/riassunto	"The Internationalization of the Academic Library presents a theoretically informed, empirically grounded analysis of the process of academic library internationalization. Drawing on interviews with library personnel from around the world, Lombard analyzes internationalization at the departmental level of an academic library. Demonstrating that college and library personnel have positive intentions when it comes to internationalization, the research presented nevertheless reveals that there was little commitment to an intentional, holistic role in the libraries studied. Drawing on internationalization expertise and models of prominent scholars, the book argues that libraries need to be more deliberate in their internationalization efforts and collaborate with other college personnel and departments outside the library. Lombard asserts that internationalization can facilitate a better understanding of the potential for transformation of the library's mission, vision, and policy. The Internationalization of the Academic Library cuts across the fields of library science and higher education administration, ensuring that

		the book will appeal to researchers and students working in these disciplines. Library professionals around the world will also find much to interest them within the book"

2.	Record Nr.	UNINA9911019945903321
	Titolo	Organic azides : syntheses and applications / / editors, Stefan Brase, Klaus Banert
	Pubbl/distr/stampa	Chichester, West Sussex, U.K., : Wiley, 2010
	ISBN	9781283858762 1283858762 9780470682524 0470682523 9780470682517 0470682515
	Descrizione fisica	1 online resource (537 p.)
	Classificazione	VK 7400
	Altri autori (Persone)	BraseStefan BanertKlaus
	Disciplina	547.04 547/.04
	Soggetti	Azides Chemistry, Organic
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Organic Azides Syntheses and Applications; Contents; Foreword; Preface; List of Contributors; Abbreviations; PART 1: Synthesis and Safety; 1: Lab-scale Synthesis of Azido Compounds: Safety Measures and Analysis; 1.1 Introduction; 1.2 Properties that Impose Restrictions on Lab-scale Handling of Azides; 1.2.1 Hydrazoic Acid and Its Metal Salts; 1.2.2 Organic Azides; 1.3 Laboratory Safety Instructions for the Small-scale Synthesis of Azido Compounds; 1.4 Analyzing Safety-related Properties of Azides; 1.4.1 Impact Sensitivity Testing; 1.4.2 Friction Sensitivity Testing; 1.4.3 ESD Testing 1.4.4 Thermoanalytical Measurements1.4.5 Calorimetric and

Gravimetric Stability Tests; 1.4.6 Koenen Test; References; 2: Large-scale Preparation and Usage of Azides; 2.1 Introduction; 2.2 Precursor Azides, Technical Production and Properties; 2.2.1 Sodium azide (NaN3); 2.2.2 Trimethylsilyl Azide (TMSA)14; 2.2.3 Diphenylphosphoryl Azide (DPPA)14; 2.2.4 Tributyltin Azide (TBSnA); 2.2.5 Azidoacetic Acid Ethyl Ester (AAE)14; 2.2.6 Tetrabutylammonium Azide (TBAA)14; 2.2.7 Others; 2.3 Examples for the Use of Azides on a Technical Scale; 2.3.1 Addition of NaN3 to Multiple CC- or CN-Bonds
2.3.2 Addition of Alk-N3 and Ar-N3 to Multiple CC- and/or CN-Bonds2.3.3 Carboxylic Acid Azides: Precursors for Isocyanates; 2.3.4 Organic Azides: Ring Opening Reaction on Oxiranes and Aziridines: Paclitaxel, Tamiflu®; 2.3.5 Organic Azides: Protective Group, Masked Amines; 2.3.6 Organic Azides: Cross-linking Agents for Polymers; 2.4 The Future of Commercial-scale Azide Chemistry; References; 3: Synthesis of Azides; 3.1 Introduction; 3.2 Synthesis of Alkyl Azides; 3.2.1 Classic Nucleophilic Substitutions: Azides from Halides, Sulfonates, Sulfites, Carbonates, Thiocarbonates and Sulfonium Salts
3.2.2 Azides by Ring Opening of Epoxides and Aziridines3.2.3 Azides by the Mitsunobu Reaction; 3.2.4 Alkyl Azides from Amines; 3.2.5 Alkyl Azides from Carbon Nucleophiles and Electron-poor Sulfonyl Azides; 3.3 Synthesis of Aryl Azides; 3.3.1 Nucleophilic Aromatic Substitution: SNAr Reactions; 3.3.2 Aryl Azides from Diazonium Compounds; 3.3.3 Aryl Azides from Organometallic Reagents; 3.3.4 Aryl Azides by Diazo Transfer; 3.3.5 Aryl Azides from Hydrazines and from Nitrosoarenes; 3.4 Synthesis of Acyl Azides; 3.4.1 Acyl Azides from Mixed Acid Chlorides; 3.4.2 Acyl Azides from Mixed Anhydrides
3.4.3 Acyl Azides by Direct Conversion of Carboxylic Acids3.4.4 Acyl azides by Direct Conversion of Aldehydes; 3.4.5 Acyl Azides by Direct Conversion of Acylhydrazines; 3.4.6 Acyl Azides from N-acylbenzotriazoles; References; 4: Azides by Olefin Hydroazidation Reactions; 4.1 Introduction; 4.2 Conjugate Addition of Hydrazoic Acid and Its Derivatives; 4.3 Addition of Hydrazoic Acid and Its Derivatives to Non-Activated Olefins; 4.4 Cobalt-Catalyzed Hydroazidation; 4.4.1 Optimization of the Cobalt-Catalyzed Hydroazidation Reaction; 4.4.2 Scope of the Hydroazidation of Olefins
4.4.3 Further Process Optimization

Sommario/riassunto

Most current state-of-the-art overview of this important class of compounds, encompassing many new and emerging applicationsThe number of articles on organic azides continues to increase tremendously; on average, there are more than 1000 new publications a yearCovers basic chemistry as well as state-of-the-art applications in life science and materials scienceWorld-ranked authors describe their own research in the wider context of azide chemistryIncludes a chapter on safe synthesis and handling (azides can decompose explosively)