

1. Record Nr.	UNINA9910140858903321
Titolo	Monolithic silicas in separation science [[electronic resource]] : concepts, syntheses, characterization, modeling and applications // edited by Klaus K. Unger, Nobuo Tanaka, and Egidijus Machtejevas
Pubbl/distr/stampa	Weinheim, : Wiley-VCH, c2011
ISBN	1-282-88971-0 9786612889714 3-527-63326-X 3-527-63324-3 3-527-63325-1
Descrizione fisica	1 online resource (364 p.)
Altri autori (Persone)	MachtejevasEgidijus TanakaNobuo UngerK. K <1936-> (Klaus K.)
Disciplina	546.68 546.683
Soggetti	Separation (Technology) Silica Electronic books.
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	Monolithic Silicas in Separation Science; Contents; Preface; List of Contributors; 1: The Basic Idea and the Drivers; 1.2: Monoliths as Heterogeneous Catalysts; 1.3: Monoliths in Chromatographic Separations; 1.4: Conclusion and Perspectives; References; Part One: Preparation; 2: Synthesis Concepts and Preparation of Silica Monoliths; 3: Preparation and Properties of Various Types of Monolithic Silica Stationary Phases for Reversed-Phase, Hydrophilic Interaction, and Ion-Exchange Chromatography Based on Polymer-Coated Materials; Part Two: Characterization and Modeling 4: Characterization of the Pore Structure of Monolithic Silicas5: Microscopic Characterizations; 6: Modeling Chromatographic Band Broadening in Monolithic Columns; 7.1: Introduction; 7.2: Basic

Columns Properties; 7.3: Comparison of the Through-Pore Structures and Related Properties; 7.4: Thermodynamic Properties; 7.5: Kinetic Properties and Column Efficiency; 7.6: Conclusions; Part Three: Applications; 8: Quantitative Structure-Retention Relationships in Studies of Monolithic Materials; 9: Performance of Silica Monoliths for Basic Compounds. Silanol Activity; 10: Quality Control of Drugs 11: Monolithic Stationary Phases for Fast Ion Chromatography12: Monolithic Chiral Stationary Phases for Liquid-Phase Enantioseparation Techniques; 13: High-Speed and High-Efficiency Separations by Utilizing Monolithic Silica Capillary Columns; 14: Silica Monolithic Columns and Mass Spectrometry; 15: Silica Monoliths for Small-Scale Purification of Drug-Discovery Compounds; 16: Monolithic Silica Columns in Multidimensional LC-MS for Proteomics and Peptidomics; 17.1: Introduction; 17.2: Extraction Process; 17.3: Extraction Platforms; 17.4: Applications; 17.5: Conclusion and Outlook; References Index

Sommario/riassunto

Edited by the experts and pioneers in the field, this is the first monograph to cover the topic, containing the must-have information hitherto only scattered among journals. Clearly divided into sections on preparation, characterization and modeling, and applications, this is essential reading for chemists, chromatographers, analytical chemists, biochemists and biologists.

2. Record Nr.	UNINA9910168748303321
Titolo	A Life Course Perspective on Health Trajectories and Transitions [[electronic resource] /] / edited by Claudine Burton-Jeangros, Stéphane Cullati, Amanda Sacker, David Blane
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-20484-X
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (VI, 213 p. 39 illus.)
Collana	Life Course Research and Social Policies, , 2211-7776 ; ; 4
Disciplina	613 614
Soggetti	Public health Sociology Epidemiology Public Health Sociology, general
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction: Claudine Burton-Jeangros, Stéphane Cullati, Amanda Sacker and David Blane -- Trajectories and transitions in childhood and adolescent obesity: Laura Howe, Riz Firestone, Kate Tilling and Debbie Lawlor -- Oral health over the life course: Anja Heilmann, Georgios Tsakos and Richard Watt -- A life course perspective on body size and cardio-metabolic health: William Johnson, Diana Kuh and Rebecca Hardy -- Health trajectories in people with cystic fibrosis in the UK: exploring the effect of social deprivation: David Taylor-Robinson, Peter Diggle, Rosalind Smith and Margaret Whitehead -- Moving towards a better understanding of socioeconomic inequalities in preventive health care use: a life course perspective: Sarah Missine -- In Inter-Cohort Variation in the Consequences of U.S. Military Service on Men's Body Mass Index Trajectories in Mid- to Late-Life: Janet Wilmoth, Andrew London and Christine Himes -- Linear mixed-effects and latent curve models for longitudinal life course analyses: Paolo Ghisletta, Olivier Renaud, Nadège Jacot and Delphine Courvoisier -- The analysis of

individual health trajectories across the life course: Latent class growth models versus mixed models: Trynke Hoekstra and Jos Twisk -- Age, period and cohort processes in longitudinal and life course analysis: a multilevel perspective: Andrew Bell and Kelvyn Jones.

Sommario/riassunto

This open access book examines health trajectories and health transitions at different stages of the life course, including childhood, adulthood and later life. It provides findings that assess the role of biological and social transitions on health status over time. The essays examine a wide range of health issues, including the consequences of military service on body mass index, childhood obesity and cardiovascular health, socio-economic inequalities in preventive health care use, depression and anxiety during the child rearing period, health trajectories and transitions in people with cystic fibrosis, and oral health over the life course. The book addresses theoretical, empirical and methodological issues as well as examines different national contexts, which help to identify factors of vulnerability and potential resources that support resilience available for specific groups and/or populations. Health reflects the ability of individuals to adapt to their social environment. This book analyzes health as a dynamic experience. It examines how different aspects of individual health unfold over time as a result of aging but also in relation to changing socioeconomic conditions. It also offers readers potential insights into public policies that affect the health status of a population.
