1. Record Nr. UNINA9910410015403321

Autore	Chen Jiexiu
Titolo	Cross-Cultural Adaptation Experiences of International Scholars in Shanghai : From the Perspective of Organisational Culture / / by Jiexiu Chen, Junwen Zhu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020
ISBN	9789811545467 9811545464
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (161 pages)
Disciplina	303.482
Soggetti	International education Comparative education School management and organization Education, Higher International and Comparative Education Organization and Leadership Higher Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	The Context of International Scholars' Cross-Cultural Adaptation Research in Shanghai -- Factors Influencing International Scholars' Cross-Cultural Adaptation in Shanghai -- Research and Teaching Adaptation: International Scholars' Experiences in Shanghai's Universities -- Interactions with Administrative System: International Scholars' Experiences in Shanghai's Universities -- Three-Dimensional Analysis on International Scholars' Cross-Cultural Experiences -- Case Studies on International Scholars' Cross-Cultural Adaptation -- Conclusion and Reflection.
Sommario/riassunto	This book examines the cross-cultural adaptation experiences of international scholars working at Shanghai's top public research universities. On the basis of in-depth interviews, it comprehensively assesses the organisational culture of Chinese universities, recurring problems in international scholars' cross-cultural adaptation processes, and the coping strategies they employ in response. The book focus on

		the real lives and working experiences of international scholars in China, and addresses teaching, research, funding applications and organisational politics. Accordingly, it offers a wealth of first-hand information for readers who are interested in the Chinese academic world, especially those scholars/researchers/expatriates currently working in or planning to visit/work in China.
2.	Record Nr.	UNINA9911020017003321
	Titolo	High-throughput screening in heterogeneous [i.e. chemical] catalysis / / edited by Alfred Hagemeyer, Peter Strasser, Anthony F. Volpe, Jr
	Pubbl/distr/stampa	Weinheim ; ; [Great Britain], : Wiley-VCH, c2004
	ISBN	9781280519659 1280519657 9783527604104 3527604103
	Descrizione fisica	1 online resource (341 p.)
	Altri autori (Persone)	HagemeyerAlfred StrasserPeter VolpeAnthony F
	Disciplina	541.395
	Soggetti	Heterogeneous catalysis Catalysis
	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	High-Throughput Screening in Heterogeneous Catalysis; Foreword; Preface; Contents; List of Contributors; 1 Impact of High-Throughput Screening Technologies on Chemical Catalysis; 1.1 Introduction; 1.2 Application of HT-R&D Methods in Heterogeneous Catalysis; 1.3 Application of HT-R&D Methods in Homogeneous Catalysis; 1.4 Conclusions; 1.5 References; 2 Mastering the Challenges of Catalyst Screening in High-Throughput Experimentation for Heterogeneously Catalyzed Gas-phase Reactions; 2.1 Challenges Connected to Catalyst Screening in Gas-phase Catalysis; 2.2 Preparative Aspects

2.3 Analytical Aspects2.3.1 Stage I Screening; 2.3.2 Stage II Screening; 2.3.3 King-System: Saving Analysis Time via Intelligent Use of Analysis Techniques; 2.4 Case Studies of Selected Examples in Gas-phase Catalysis in Stage II Screening; 2.4.1 Bulk Chemicals and Intermediates: Partial Oxidation; 2.4.2 Refinery Catalysis: High-pressure Reactions; 2.4.3 Environmental Catalysis: DeNOx Catalysis; 2.5 The Challenge of Ultrahigh-Throughput Screening; 2.5.1 Catalyst Synthesis: the Split & Pool Principle; 2.5.2 Catalyst Testing: Integrated Reactor Formats as Critical Key Components
2.6 Summary and Outlook2.7 References; 3 High-Throughput Workflow Development: Strategies and Examples in Heterogeneous Catalysis; 3.1 Introduction; 3.2 High-Throughput Methods; 3.2.1 DOE - Designing Experiments Based on Statistics; 3.2.2 Constrained Optimization - Independent Variables; 3.2.3 Constrained Optimization - Dependent Variables; 3.2.4 Methods to Include Synthesis Hardware Constraints; 3.2.5 Process Simulation for Hardware Bottleneck Identification; 3.3 Workflow Components; 3.3.1 Primary Synthesis; 3.3.2 Primary Synthesis: Wafer-based Sol-gel and Evaporative Synthesis
3.3.3 Primary Synthesis: Wafer-based Impregnation Synthesis3.3.4 Primary Screening: Scanning Mass Spectrometer; 3.3.5 Primary Screening: Massively Parallel Microfluidic Reactor; 3.3.6 Secondary Synthesis: Bulk Impregnation; 3.3.7 Secondary Synthesis: Bulk Evaporation/Precipitation; 3.3.8 Secondary Synthesis: Hydrothermal; 3.3.9 Secondary Screening: 48-Channel Fixed-bed Reactor; 3.3.10 High-Throughput Catalyst Characterization; 3.3.11 Tertiary Screening; 3.4 Example: Ethane to Ethylene; 3.5 Example: Ethane to Acetic Acid; 3.6 Example: Propane to Acrylonitrile; 3.7 Summary; 3.8 References
4 Integrated Microreactor Set-ups for High-Throughput Screening and Methods for the Evaluation of "Low-density" Screening Data4.1 Introduction; 4.1.1 Pellet-type and Ceramic Reactors; 4.1.2 Multiple Microchannel Array Reactors; 4.1.3 Chip-type Reactors; 4.1.4 Well-type Reactors; 4.2 Steady-state Reactor Set-ups; 4.2.1 Methanol Steam Reforming; 4.2.2 Propane Steam Reforming; 4.2.3 Catalytic Methane Combustion and Methods for Sample Preparation; 4.2.3.1 Wet Chemical Procedure (Washcoating/Flow Impregnation); 4.2.3.2 Experimental and Discussion; 4.3 Transient-state Reactor Set-ups
4.3.1 Introduction

Sommario/riassunto

Alfred Hagemeyer received his diploma degrees in chemistry, 1985, and physics, 1987, from the university of Dortmund, Germany, did his Ph.D. at the Max-Planck-Institute fuer Polymerforschung in Mainz, Germany, 1987-1989, was postdoc at the university of Bologna, Italy, 1990, was employed at BASF, corporate research, ammonia laboratory, Ludwigshafen, Germany, 1991-1996, and at Hoechst/Aventis, corporate research, department of heterogeneous catalysis, Frankfurt, Germany, 1996-1998, and joined Symyx Technologies, heterogeneous catalysis group, Santa Clara, CA, in 1998 where he is a Distinguished