

1. Record Nr.	UNINA9910350304003321
Titolo	Computational and Corpus Approaches to Chinese Language Learning / / edited by Xiaofei Lu, Berlin Chen
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2019
ISBN	9789811335709 9811335702
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (268 pages)
Collana	Chinese Language Learning Sciences, , 2520-1727
Disciplina	495.107
Soggetti	Language and languages - Study and teaching Asia - Languages Computational linguistics Language Education Asian Languages Computational Linguistics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I Introduction -- Computational and Corpus Approaches to Chinese Language Learning: An Introduction -- Usage-based Theory of Language Learning Necessitates Computational and Corpus Methods in Language Teaching -- The Corpus Approach to the Teaching and Learning of Chinese as an L1 and an L2 in Retrospect -- Part II Tools, Resources and General Applications -- Academic Chinese: From Corpora to Language Teaching -- Pedagogical Applications of Chinese Parallel Corpora -- Data-driven Adapting for Fine-tuning Chinese Teaching Materials: Using Corpora as Benchmarks -- Part III Specific Applications -- Context Analysis for Computer-Assisted Near-Synonym Learning -- Visualization of Stylistic Differences between Chinese Synonyms -- Using Corpus-based Analysis of Neologisms on China's New Media for Teaching -- Part IV Learner Language Analysis and Assessment -- Acquisition of the Chinese Particle le by L2 Learners: A Corpus-based Approach -- Mandarin Chinese Mispronunciation Detection and Diagnosis Leveraging Deep Neural Network based Acoustic Modeling and Training Techniques -- Automated Chinese

Error Diagnosis for Language Learners: Resources and Evaluations -- Automated Chinese Essay Scoring based on Multi-level Linguistic Features.

Sommario/riassunto

This book presents a collection of original research articles that showcase the state of the art of research in corpus and computational linguistic approaches to Chinese language teaching, learning and assessment. It offers a comprehensive set of corpus resources and natural language processing tools that are useful for teaching, learning and assessing Chinese as a second or foreign language; methods for implementing such resources and techniques in Chinese pedagogy and assessment; as well as research findings on the effectiveness of using such resources and techniques in various aspects of Chinese pedagogy and assessment.