

1. Record Nr.	UNINA9910768452503321
Titolo	Research on Destruction of the North China Craton // edited by Rixiang Zhu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	981-9960-46-0
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (86 pages)
Collana	Reports of China's Basic Research, , 2731-8915
Disciplina	551.13
Soggetti	Geology Geodynamics Mineralogy Natural disasters Natural Hazards
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Project Overview -- Research Status and Development Trend -- Major Research Achievements -- Outlook.
Sommario/riassunto	This book mainly introduces overview of "Destruction of the North China Craton", a major research plan of NSFC. It summarizes the scientific ideas, core key scientific issues, scientific research objectives, and models of the major research plan of "Destruction of the North China Craton". From the perspective of major national needs and scientific discipline development, the book focuses on the following aspects: the temporal and spatial distribution range, process, and mechanism of the NCC destruction; the properties, structure, and interaction of materials in different spheres in the earth during craton destruction; the shallow effect of craton destruction; and the control mechanism of mineral resources, energy, and disasters. The book also makes a strategic prospect for the study of global dynamics and improves human understanding of the formation and evolution of continents.