

洪大卫,王涛,童英.中国花岗岩概述地质论评2007年中国花岗岩概述[J].地质论评,2007,53(Supp):9-16

中国花岗岩概述地质论评2007年中国花岗岩概述 [点此下载全文](#)

[洪大卫](#) [王涛](#) [童英](#)

中国地质科学院地质研究所,北京,100037;中国地质科学院地质研究所,北京,100037;中国地质科学院地质研究所,北京,100037

基金项目:

DOI:

摘要:

中国的花岗岩类岩石分布广泛,出露面积达 $86 \times 104 \text{ km}^2$,约占全国陆地面积的9%。花岗岩的活动时代漫长,从太古宙直到新生代呈多幕式展现。其中以中生代花岗岩的出露面积最大,古生代的次之。从太古宙至晚古生代的花岗岩在昆仑—秦岭一线以北的中国北部最为广布,中生代的花岗岩在大兴安岭—太行山—武陵山一线以东的中国东部和西南三江(金沙江、澜沧江、怒江)地区最为发育,新生代花岗岩仅分布于西藏、滇西地区。本文概略地介绍了中国不同时代花岗岩的时空分布状况,并讨论了中国花岗岩的主要特点。

关键词: [中国](#) [花岗岩](#) [同位素年代学](#)

An Outline about Granitoids in China [Download Fulltext](#)

Fund Project:

Abstract:

The granitoids of China are widely distributed with the total area of outcrop amounting to more than 860000 km^2 , which make up about 9% of continental area of China territory. The geological ages of the granitoids in China extend from the Archean to the Cenozoic. Among them, the area of outcrop of the Mesozoic granitoids is the largest, and the next is the Paleozoic ones. As a general distribution pattern, the granitoids from the Archean to the Late Paleozoic occurred mainly in the area north to a line along the Kunlun mountains—Qinling mountains, the Neoproterozoic ones predominantly in South China, the Mesozoic granitoids distributed mainly in eastern China and western Yunnan Province, and the Cenozoic ones mainly in Tibet and western Yunnan Province, southwestern China. This paper will give you an introduction about the temporal and spatial distribution of granitoids from the Archean to the Cenozoic and main characteristics of the granitoids in China.

Keywords: [China](#) [Grani te](#) [Isotopic chronology](#)

[查看全文](#) [查看/发表评论](#) [下载PDF阅读器](#)

您是第693019位访问者 版权所有《地质论评》

地址:北京阜成门外百万庄路26号 邮编:100037 电话:010-68999804 传真:010-68995305

本系统由北京勤云科技发展有限公司设计