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新元古时期Rodinia超大陆研究进展述评 [点此下载全文](#)

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摘要:

新元古时期Rodinia超大陆的假说自1990年提出以来,引起国外许多地质学家的关注,其研究程度不断提高,本文在回顾Rodinia超大陆研究历史的基础上,介绍了Rodinia超大陆的古地理再造图,并着重介绍中国大陆古地块在超大陆中古地理位置的最新研究动向,文中对建立Rodinia超大陆的标志,特别是中元古代晚期—新元古代早期的造山运动和新元古代晚期的裂谷作用进行了评述。同时对我国中—新元古代与Ro

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A Review of Advance in the Research on the Neoproterozoic Rodinia Supercontinent [Download Fulltext](#)

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Abstract:

The Neoproterozoic Rodinia supercontinent was proposed in 1990. Since then this subject has aroused increasing interest among more and more geoscientists, and a lot of progress in the super-continental research has been made. In this paper, the study history of the Neoproterozoic Rodinia supercontinent and paleogeographic reconstruction of Rodinia are firstly introduced. The positions of continental blocks of China in the Neoproterozoic Rodinia supercontinent are reviewed. The roles of late Mesoproterozoic and early Neoproterozoic orogens and late Neoproterozoic rifting are very important in the Neoproterozoic supercontinental reconstruction. In the author's view, some problems of Neoproterozoic continental geology of China, related to the Neoproterozoic Rodinia supercontinent, are discussed.

Keywords: [Neoproterozoic](#) [supercontinent](#) [orogen](#) [rifting](#)

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