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流体包裹体研究的进展和方向 [点此下载全文](#)

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摘要:

国外近十年来, 在流体包裹体研究方面取得很大进展, 除了在地质年会上有许多成果报道之外, 专业会议更是每年召开一次(指北美流体包裹体会议和欧州体包裹体会议), 报道了大量最新的有关包裹体的研究成果。本文将从4个方面评述国外近年来流体包裹体的研究进展: 即人工流体包裹体及P-T-V-X属性; 流体包裹体的成分分析和年代学; 流体包裹体在金矿及其他矿床研究中的应用和利用流体包裹体寻找石油。

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Progress and Trends of Researches on Fluid Inclusions [Download Fulltext](#)

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Abstract:

With the development of new technology, methods and instruments for analysis of fluid inclusions in minerals have been rapidly renovated in recent decades. Information extracted from fluid inclusions has been widely used to interpret diverse geological processes, owing to the presentation of the fluids in inclusions, especially the primary inclusions, to the palaeogeological environment. In this paper, the authors review the application of the P-T-V-X properties of fluid inclusions extracted by various analytical methods of gold deposits and discuss the application of various instruments and methods on the extraction and analysis of inclusion fluids as well as their advantages and disadvantages during their application. And finally a review of the interpretation approaches of fluid inclusion data is given.

Keywords: [fluid inclusion](#) [progress of research](#) [trends of research](#)

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