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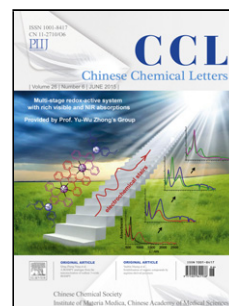
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Review

Synthetic strategies for chiral metal-organic frameworks

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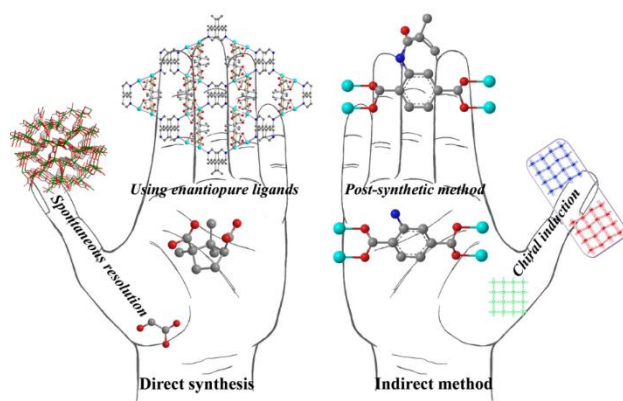
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Graphical abstract



Abstract

In recent years, metal-organic frameworks (MOFs) have attracted great attention owing to their potential applications such as in gas storage and separation, catalysis, luminescence and nonlinear optics. Chirality is widespread in the nature and chiral MOFs can be used in chiral recognition, chiral separation, chiral catalysis and so on. In this review, the synthetic strategies of chiral MOFs are briefly summarized. The advantages and disadvantages of those strategies and their applications are discussed.

Keywords:

Metal-organic frameworks

Chirality

Synthetic strategy

Properties

1. Introduction

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