

Recent Advances in Zeolitic Imidazolate Frameworks (ZIFs)

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The study of Metal-Organic Frameworks (MOFs) is one of the most fashionable areas of materials chemistry. The Zeolitic Imidazolate Frameworks (ZIFs) are a particularly interesting sub-class of MOFs on account of their close structural relationship to aluminosilicate zeolites. Our recent work on ZIFs, including novel synthetic routes,¹ energetics,² mechanical properties,^{3,4} their behavior under pressure⁵ and amorphization⁶ will be discussed.

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