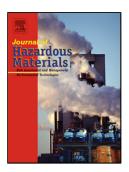
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Zeolite materials prepared using silicate waste from

template synthesis of ordered mesoporous carbon

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Highlights

- Ordered mesoporous carbon was prepared by nanocasting of mesoporous silica template.
- The silica waste from the dissolved-out template was analyzed using ²⁹Si NMR.
- The silica waste consists of mainly monosilicate or disilicate groups.
- The silica waste was recycled to produce LTA and MFI type zeolites.
- This method reduces not only cost of production, but also environmental pollution.

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