



Showcasing work on pyrazinacene nanotube self-assembly from the Ariga group at WPI Center for Materials Nanoarchitectonics, Tsukuba, Japan.

Title: Self-assembled pyrazinacene nanotubes

Hierarchical self-assembly of nitrogen-containing pentacene derivatives yields tubular nanostructures through helical coiling of tape-like aggregates. Tubes are composed of several tapes leading to high aspect ratio multiwalled pyrazinacene nanotubes with large internal tubular cavities suitable for guest material encapsulation.

As featured in:



See Hill *et al.*,
Phys. Chem. Chem. Phys., 2011, **13**, 4868.

www.rsc.org/pccp

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