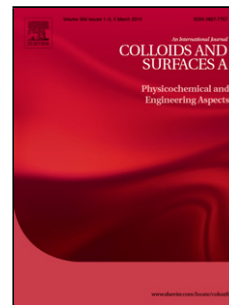


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How self-assembly of amphiphilic molecules can generate complexity in the nanoscale

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Graphical abstract

Highlights

- only some selected chemical compounds are capable to lead to useful self-assembled structures.
- Amphiphilic molecules offer a rich scenario of intermolecular interactions giving surprising complex structures.
- The bottom-up design of molecular complex systems is a fascinating challenge for nanotechnology

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