

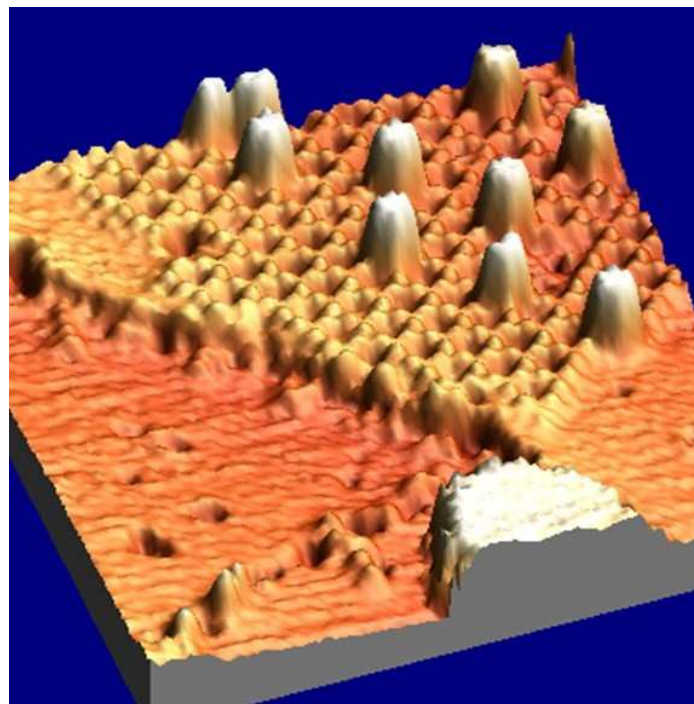
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Materials investigated: self-assembled organic materials; hydrogen-bonded frameworks; interlocked structures and molecular machines; dye molecules; metal-organic frameworks.

Methods used: synthesis of target molecules and self-assembled structures, NMR spectroscopy, surface chemical analysis, electrochemistry of self-assembled materials, X-ray crystallography.

Applications: we explore and develop: molecular machines and nanoreactors, gas/guest-storage and capture, catalysis and photoreactive systems.



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