

... of the small organic molecules between the liquid ... **adsorption of organic isomers on water ice surfaces: a** ... - introduction **interaction between small organic molecules and water ice** attracted much attention due to its relevance in several fields of interests. **large molecules on surfaces: deposition and intramolecular** ... - STM junction causes a huge electric field, due to the small electrode distance. ... ular manipulation of organic molecules on surfaces under **w.g. schmidt1, organic molecule adsorption on solid** ... - scenarios for the adsorption of organic molecules on solid surfaces from the perspective of **first-principles calculations**. ... is a small molecule featuring one **large molecules on surfaces: deposition and intramolecular** ... - large molecules on surfaces: ... ular manipulation of organic molecules on surfaces under ... the deposition of rather small molecules ... **hydrophobicity of siloxane surfaces in smectites as** ... - revealed by aromatic hydrocarbon adsorption from water ... of smectites with the small, hydrophobic organic ... of hydrophobic organic molecules from ... **mineral matrices and organic matter - university of washington** - 12.12 mineral matrices and organic matter ... define the sorption of small organic molecules into the ... sorption of small molecules to surfaces via **classic organic molecules acting as templates on metal surfaces** - TCP to a mixture of small biodegradable organic acids and CO₂, ... organic molecules acting as ... **plex organic molecules and crystal surfaces chapter 1 the structure of molecular orbitals investigated** ... - h. sitter et al. (eds.), small organic molecules on surfaces, ... the valence bands of large conjugated molecules consist of a multitude of closely **energy landscape of water and ethanol on silica surfaces** - energy landscape of water and ethanol on silica surfaces ... given form of silica with water versus with simple organic molecules. ... energetics of small organic ... **modeling adsorption and reactions of organic molecules at** ... - modeling adsorption and reactions of organic molecules at metal surfaces wei liu, alexandre tkatchenko,* and matthias scheer fritz-haber-institut der max-planck ... **colloids and surfaces a - mvmt** - colloids and surfaces a ... spontaneous supramolecular self-assembly of molecules to furnish ... composed of small organic molecules are reported in literature. **development of a knowledge-based potential for crystals of** ... - development of a knowledge-based potential for crystals of small organic molecules: calculation of energy surfaces for c₆₀-n hydrogen bonds **energy level alignment and site-selective adsorption of** ... - organic molecules on noble metal surfaces ... small dependence of adsorption energy on coverage can be explained by lateral repulsion of adsorption-induced dipoles. **chapter 5 imaging through graphene templating** - due to the mobile nature of small molecules on surfaces, ... adlayers of small organic molecules have been studied at low temperatures (t