AngewandteChemie: Hot Paper: "Hot" Surface Activation of Molecular Complexes: Insight from Modeling Studies

Note di AngewandteChemie

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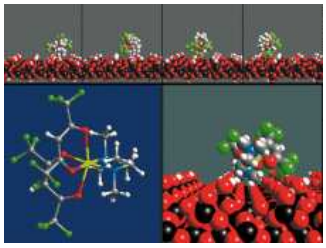
Mar alle 15.00

In questa nota
Nessuno.



Ettore Fois, Gloria Tabacchi*, Davide Barreca, Alberto Gasparotto, Eugenio Tondello

Rock-and-roll over hot floors: Theoretical modeling of the first activation stages of a Cu complex (see picture) on top of a heated surface (750 K) revealed two mobility regimes, a slow "bump-and-rock" diffusion over the surface and a fast "roll-and-go" motion accompanied by significant temperature-induced bonds oscillations. This study enables a deeper insight into "hot" surface molecular activation processes.

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