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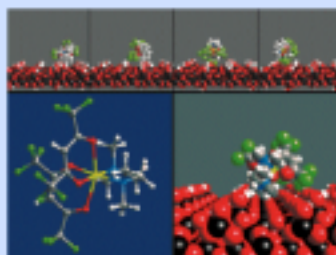
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Upcoming Hot Papers

Hot Papers are chosen by the Editors for their importance in a rapidly evolving field of high current interest. Many of the "Very Important Papers" (VIPs) would certainly qualify to be included here, but such a duplication is avoided.

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

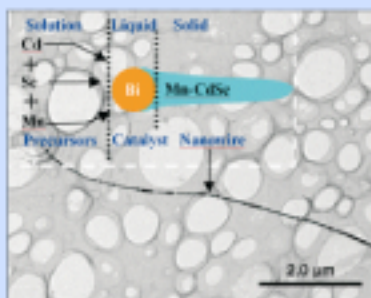


Ettore Fois, Gloria Tabacchi*, Davide Barreca, Alberto Gasparotto, Eugenio Tondello

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.

Published online, DOI: [10.1002/anie.200907312](https://doi.org/10.1002/anie.200907312)

Diluted Magnetic Semiconductor Nanowires Prepared by the Solution-Liquid-Solid Method



Zhen Li*, Lina Cheng, Qiao Sun, Zhonghua Zhu, Mark J. Riley, Muhsen Aljada, Zhenxiang Cheng, Xiaolin Wang, Graeme R. Hanson, Shizhang Qiao, Sean C. Smith, Gao Qing (Max) Lu*

Wiry frame: Manganese-doped cadmium selenide (Mn-CdSe)

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