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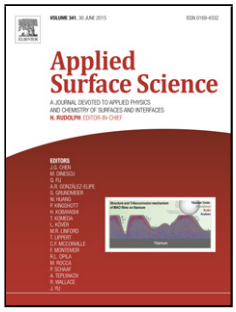

Title: Theoretical Evaluation of a Double–functional Heterogeneous Nano–Sensor

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Heterogeneous nano-cage with double-sites adsorption for NO

- Adsorption of NO molecule was investigated on the surface of a novel heterogeneous $C_{16}Zn_8O_8$ nano–cluster.
- Full optimization for all configurations revealed that the NO molecule was adsorbed on the both ZnO and C surface of nano–cluster.