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| 1. Record Nr. | UNINA990007493780403321 |
| Autore | Blancou, Lucien |
| Titolo | Géographie cynégétique du monde / par Lucien Blancou |
| Pubbl/distr/stampa | Paris : Presses Universitaires de France, 1959 |
| Descrizione fisica | 127 p. ; 19 cm |
| Collana | Que sais-je? ; 807 |
| Localione | ILFGE |
| Collocazione | B-07-030 |
| Lingua di pubblicazione | Francese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| 2. Record Nr. | UNINA9910437812903321 |
| Titolo | Imaging and manipulating molecular orbitals : proceedings of the 3rd AtMol International Workshop, Berlin, 24-25 September 2012 // Leonhard Grill, Christian Joachim, editors |
| Pubbl/distr/stampa | Heidelberg ; ; New York, : Springer, c2013 |
| ISBN | 3-642-38809-4 |
| Edizione | [1st ed. 2013.] |
| Descrizione fisica | 1 online resource (202 p.) |
| Collana | Advances in atom and single molecule machines |
| Altri autori (Persone) | GrillLeonhard
JoachimC |
| Disciplina | 530 |
| Soggetti | Molecular orbitals
Molecules |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | Observations of individual Cu-Phthalocyanine molecules deposited on nano-tips in the field emission microscope -- High voltage STM imaging of single Copper -- Motional Analysis of A Single Organic |

Molecule Using Nano Carbon Materials: Scope of Atomic Level Imaging and Spectroscopy -- Imaging orbitals by ionization or electron attachment: the role of Dyson orbitals -- Mapping the electronic resonances of single molecule STM tunnel junction -- Manipulation and spectroscopy of individual phthalocyanine molecules on InAs(111)A with a low-temperature scanning tunneling microscope -- Electronic Structure and Properties of Graphene Nanoribbons: zigzag and armchair edges -- Imaging and manipulation of molecular electronic states on metal surfaces with scanning tunneling microscopy -- SPM imaging of trinaphthylene molecular states on a hydrogen passivated Ge(001) surface -- STM Theory and image interpretation -- Simulations of constant current STM images of open-shell systems -- Electronic transmission through a single impurity in a multi-configuration scattering matrix approach -- Electron transport through a molecular junction using a multiconfigurational description -- Visualizing Electron Correlation in Molecules Using a Scanning Tunneling Microscope: Theory and Ab-Initio Prediction -- Submolecular Resolution Imaging of C60: From Orbital Density to Bond Order.

Sommario/riassunto

Imaging and Manipulating Molecular Orbitals celebrates the 60th anniversary of the first image of a single molecule by E. Müller. This book summarizes the advances in the field from various groups around the world who use a broad range of experimental techniques: scanning probe microscopy (STM and AFM), field emission microscopy, transmission electron microscopy, attosecond tomography and photoemission spectroscopy. The book is aimed at those who are interested in the field of molecular orbital imaging and manipulation. Included in the book are a variety of experimental techniques in combination with theoretical approaches which describe the spatial distribution and energies of the molecular orbitals. The goal is to provide the reader with an up-to-date summary on the latest developments in this field from various points of view.
