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| 1. Record Nr.           | UNISA996333046703316                                                                                 |
| Titolo                  | ARChive                                                                                              |
| Pubbl/distr/stampa      | Alexandria, Egypt : , : IEREK Press, , 2017-                                                         |
| ISSN                    | 2537-0162                                                                                            |
| Descrizione fisica      | 1 online resource                                                                                    |
| Soggetti                | Cities and towns<br>Architecture<br>City planning<br>Science<br>Electronic journals.<br>Periodicals. |
| Lingua di pubblicazione | Inglese                                                                                              |
| Formato                 | Materiale a stampa                                                                                   |
| Livello bibliografico   | Periodico                                                                                            |
| Note generali           | Refereed/Peer-reviewed                                                                               |

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| 2. Record Nr.           | UNINA9910346906303321                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Autore                  | Schmaus Stefan                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Titolo                  | Spintronics with individual metal-organic molecules                                                                                                                                                                                                                                                                                                                                                                                                    |
| Pubbl/distr/stampa      | KIT Scientific Publishing, 2011                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ISBN                    | 1000022418                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Descrizione fisica      | 1 online resource (110 p. p.)                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Collana                 | Experimental Condensed Matter Physics / Karlsruher Institut für Technologie, Physikalisches Institut                                                                                                                                                                                                                                                                                                                                                   |
| Soggetti                | Physics                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sommario/riassunto      | In this work two ideas of using individual metal organic molecules in applications for data storage are presented. On the one hand, metal-free phthalocyanine is used to form a GMR contact consisting of one single molecule leading to the world smallest magnetic sensor. On the other hand, chromium acetylacetonate was used to study the properties of magnetic molecules adsorbed on surfaces in order to build magnetic bits for data storage. |