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| 1. Record Nr. | UNINA9910819091603321 |
| Titolo | Microencapsulation : innovative applications // edited by Marta Giamberini, Susana Fernandez Prieto and Bartosz Tylkowski |
| Pubbl/distr/stampa | Berlin, [Germany] : , : De Gruyter, , 2015 ©2015 |
| ISBN | 3-11-039006-X 3-11-033199-3 |
| Descrizione fisica | 1 online resource (234 p.) |
| Disciplina | 664/.024 |
| Soggetti | Microencapsulation Controlled release technology |
| Lingua di pubblicazione | Tedesco |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Front matter -- Preface -- Contents -- Contributing authors -- 1. Photosensitive microcapsules / Tylkowski, Bartosz / Giamberini, Marta / Underiner, Todd -- 2. Smart microcapsules based on photo-isomerizable moieties / Tylkowski, Bartosz / Bandeira, Nuno A.G. / Bogdanowicz, Krzysztof Artur / Giamberini, Marta -- 3. Microencapsulation technology and applications in added-value functional textiles / Boh Podgornik, Bojana / Starešini, Marica -- 4. Emerging application of vanillin microcapsules / Panisello Ilatje, Cinta / Gumi, Tania / García Valls, Ricard -- 5. Polyphenols encapsulation - application of innovation technologies to improve stability of natural products / Tylkowski, Bartosz / Tsibranska, Irene -- 6. Smart coatings for corrosion protection by adopting microcapsules / Palumbo, Gaetano -- 7. Micro and nanocapsules as supports for Surface- Enhanced Raman Spectroscopy (SERS) / Jastrzb, Renata -- 8. Si-based inorganic microencapsulation / Marteaux, Leon -- Index |
| Sommario/riassunto | Microencapsulation has become a promising technology for new applications in fields like drug delivery, biosensing, biomaterials, catalysis, intelligent microstructures and microsystems, as well as in the field of consumer goods. This book is written by authors from academia and industry and aims to present industrial adoption of |

microcapsules as an innovative solution for problems concerning environmentally-friendly production methods, health protection, and increase of citizen daily life standard and decrease of its costs.
