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| Titolo | Biosystems Engineering: Biofactories for Food Production in the Century XXI // edited by Ramon Guevara-Gonzalez, Irineo Torres-Pacheco |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014 |
| ISBN | 3-319-03880-X |
| Edizione | [1st ed. 2014.] |
| Descrizione fisica | 1 online resource (479 p.) |
| Disciplina | 54 641.3 660.6 664 |
| Soggetti | Food—Biotechnology Industrial engineering Production engineering Biotechnology Food Science Industrial and Production Engineering |
| 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 at the end of each chapters. |
| Nota di contenuto | Plant Biosystems: From conventional to new Food production systems -- Agriculture for nutraceuticals -- The Plant immune system and Food Production -- Mathematical modelling for Biosystems -- Plant Biotronics as tool for Food Production Biosystems.-Exploring aquaculture as Food Biosystem -- Prototypes for aquaculture-plant Biosystems -- b.3. Aquaculture Biotronics -- Perspectives of Biosystems as sustainable strategy for Food Production in century XXI -- Concluding Remarks. |
| Sommario/riassunto | This book presents new food production systems (for plants and animals) involving agrochemicals that increase in a controlled manner the bioactives content, under greenhouse conditions. Moreover, conception and design of new instrumentation for precision agriculture and aquiculture contributing in food production is also highlighted in this book. |

