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| 1. Record Nr.           | UNINA990009357480403321  |
| Titolo                  | Processing effects on safety and quality of foods / edited by Enrique Ortega-Rivas   |
| Pubbl/distr/stampa      | Boca Raton, Fla. : CRC, 2010   |
| ISBN                    | 978-1-4200-6112-3  |
| Descrizione fisica      | XX, 572 p. : ill. ; 25 cm  |
| Collana                 | Contemporary food engineering  |
| Disciplina              | 664.02   |
| Locazione               | FAGBC  |
| Collocazione            | 60 664.02 B 1  |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| 2. Record Nr.           | UNISALENTO991000509529707536   |
| Autore                  | Lovász, László   |
| Titolo                  | Discrete mathematics : elementary and beyond / L. Lovász, J. Pelikán, K. Vesztergombi                                      |
| Pubbl/distr/stampa      | New York : Springer, 2003  |
| ISBN                    | 0387955852   |
| Descrizione fisica      | ix, 290 p. ; 24 cm   |
| Collana                 | Undergraduate texts in mathematics   |
| Classificazione         | AMS 28-01<br>AMS 30-01<br>LC QA39.3.L68  |
| Altri autori (Persone)  | Pelikán, Józsefauthor<br>Vesztergombi, Katalin L.  |
| Disciplina              | 510  |
| Soggetti                | Mathematics<br>Computer science - Mathematics  |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | "This book is aimed at undergraduate mathematics and computer science students interested in developing a feeling for what |

mathematics is all about, where mathematics can be helpful, and what kinds of questions mathematicians work on. The authors discuss a number of selected results and methods of discrete mathematics, mostly from the areas of combinatorics and graph theory, with a little number theory, probability, and combinatorial geometry. Wherever possible, the authors use proofs and problem solving to help students understand the solutions to problems. In addition, there are numerous examples, figures, and exercises spread throughout the book.":Book Jacket.

Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	1. Let's Count! ; 2. Combinatorial Tools ; 3. Binomial Coefficients and Pascal's Triangle ; 4. Fibonacci Numbers ; 5. Combinatorial Probability ; 6. Integers, Divisors, and Primes ; 7. Graphs ; 8. Trees ; 9. Finding the Optimum ; 10. Matchings in Graphs ; 11. Combinatorics in Geometry ; 12. Euler's Formula ; 13. Coloring Maps and Graphs ; 14. Finite Geometries, Codes, Latin Squares, and Other Pretty Creatures ; 15. A Glimpse of Complexity and Cryptography ; 16. Answers to Exercises.
3. Record Nr.	UNINA9910162956403321
Autore	Saleh Tawfik A.
Titolo	Advanced nanomaterials for water engineering, treatment, and hydraulics // Tawfik A. Saleh [editor]
Pubbl/distr/stampa	Hershey, Pennsylvania : , : IGI Global, , 2017 ©2017
ISBN	9781522521372 9781522521365
Descrizione fisica	PDFs (384 pages) : illustrations
Collana	Advances in Environmental Engineering and Green Technologies (AEEGT) Book Series, , 2326-9170
Disciplina	628.162
Soggetti	Water - Purification - Materials Nanostructured materials - Industrial applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	An overview of nanomaterials for water technology / Tawfik A. Saleh --

Scientific insights into modified and non-modified biomaterials for sorption of heavy metals from water / Tawfik A. Saleh [and 3 others] -- Principles and advantages of microwave-assisted methods for the synthesis of nanomaterials for water purification / Tawfik A. Saleh [and 3 others] -- Fundamentals and sources of magnetic nanocomposites and their sorption properties / Victor O. Shikuku, Chispin O Kowenje, Wilfrida N. Nyairo -- Advanced nanomaterials for water engineering and treatment: nano-metal oxides and their nanocomposites / Rabia Nazir -- Advanced nanomaterials for the removal of chemical substances and microbes from contaminated and waste water / Kamlesh Shrivastava, Archana Ghosale, Pathik Maji -- Biomass-derived activated carbon: synthesis, functionalized, and photocatalysis application / Samira Bagheri, Nurhidayatullaili Muhd Julkapli -- Polymer consumption, environmental concerns, possible disposal options, and recycling for water treatment / Tawfik A. A. Saleh, Gaddafi I. Danmaliki -- Characteristics of chitosan nanoparticles for water and wastewater treatment: chitosan for water treatment / Cayla Cook, Veera Gnaneswar Gude -- Performance of chitosan micro/nanoparticles to remove hexavalent chromium from residual water / Jimena Bernadette Dima, Noemi Zaritzky -- Applications of nanomaterials for water treatment: a future avenue / Anupreet Kaur.

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Sommario/riassunto

"[This book] is a comprehensive reference source for the latest research-based material on the use of progressive nanotechnologies for water technologies. Featuring coverage on relevant topics such as water purification, nano-metal oxides, chitosan nanoparticles, and contaminated waste water, this is an ideal reference source for engineers, students, academics, and researchers seeking innovative perspectives on the use of nanomaterials in water engineering"-- Provided by publisher.

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