1. Record Nr. UNINA9910460603303321

Autore	Matlack Albert S. <1923->
Titolo	Introduction to green chemistry / / by Albert Matlack
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press, an imprint of Taylor and Francis, , 2010
ISBN	0-429-11213-0 1-4398-8211-8
Edizione	[Second edition.]
Descrizione fisica	1 online resource (602 p.)
Disciplina	660.028/6
Soggetti	Green chemistry Environmental management Electronic books.
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 and index.
Nota di contenuto	Front Cover; Contents; Preface to Second Edition; Preface to First Edition; CHAPTER 1: Introduction; CHAPTER 2: Doing without Phosgene, Hydrogen Cyanide,and Formaldehyde; CHAPTER 3: The Chlorine Controversy; CHAPTER 4: Toxic Heavy-Metal Ions; CHAPTER 5: Solid Catalysts and Reagents for Ease of Workup; CHAPTER 6: Solid Acids and Bases; CHAPTER 7: Chemical Separations; CHAPTER 8: Working without Organic Solvents; CHAPTER 9: Biocatalysis and Biodiversity; CHAPTER 10: Stereochemistry; CHAPTER 11: Agrochemicals; CHAPTER 12: Materials for a Sustainable Economy; CHAPTER 13: Chemistry of Long Wear CHAPTER 14: Chemistry of RecyclingCHAPTER 15: Energy and the Environment; CHAPTER 16: Population and the Environment; CHAPTER 17: Environmental Economics; CHAPTER 18: Greening; Index; Back Cover
Sommario/riassunto	In the nearly 10 years since the publication of the bestselling first edition of Introduction to Green Chemistry, interest in green chemistry and clean processes has grown so much that topics, such as fluorous biphasic catalysis, metal organic frameworks, and process intensification, barely mentioned in the first edition, have become major areas of research. In addition, government funding has ramped up the development of fuel cells and biofuels. It reflects the evolving

	focus from pollution remediation to pollution prevention. Copiously illustrated with over 800 figures, this second edition provides an update from the frontiers of the field.

2.

Record Nr.	UNINA9910452997203321
Titolo	Adhesives [[electronic resource]] : types, mechanics and applications / / Jack S. Doyle and Ryan C. O'Quinn, editors
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2011
ISBN	1-61324-819-9
Descrizione fisica	1 online resource (175 p.)
Collana	Materials science and technologies
Altri autori (Persone)	DoyleJack S O'QuinnRyan C
Disciplina	620.1/99
Soggetti	Adhesives Electronic books.
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 and index.

3. Record Nr. UNISA996466546303316

Autore	Rowe David E. <1950->
Titolo	Emmy Noether -- mathematician extraordinaire / / David E. Rowe
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] Â©2021
ISBN	3-030-63810-3
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XXI, 339 p.)
Disciplina	510.924
Soggetti	Women mathematicians
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- 1 Max and Emmy Noether: Mathematics in Erlangen -- 2 Emmy Noether's Long Struggle to Habilitate in Göttingen -- 3 Emmy Noether's Role in the Relativity Revolution -- 4 Noether's Early Contributions to Modern Algebra -- 5 Noether's International School in Modern Algebra -- 6 Emmy Noether's Triumphal Years -- 7 Cast out of her Country -- 8 Emmy Noether in Bryn Mawr -- 9 Memories and Legacies of Emmy Noether -- Bibliography -- Name Index.
Sommario/riassunto	Although she was famous as the "mother of modern algebra," Emmy Noether’s life and work have never been the subject of an authoritative scientific biography. Emmy Noether – Mathematician Extraordinaire represents the most comprehensive study of this singularly important mathematician to date. Focusing on key turning points, it aims to provide an overall interpretation of Noether’s intellectual development while offering a new assessment of her role in transforming the mathematics of the twentieth century. Hermann Weyl, her colleague before both fled to the United States in 1933, fully recognized that Noether’s dynamic school was the very heart and soul of the famous Göttingen community. Beyond her immediate circle of students, Emmy Noether’s lectures and seminars drew talented mathematicians from all over the world. Four of the most important were B.L. van der Waerden, Pavel Alexandrov, Helmut Hasse, and Olga Taussky. Noether’s classic papers on ideal theory inspired van der Waerden to recast his research in algebraic geometry. Her lectures on group theory motivated

Alexandrov to develop links between point set topology and combinatorial methods. Noether’s vision for a new approach to algebraic number theory gave Hasse the impetus to pursue a line of research that led to the Brauer–Hasse–Noether Theorem, whereas her abstract style clashed with Taussky’s approach to classical class field theory during a difficult time when both were trying to find their footing in a foreign country. Although similar to Proving It Her Way: Emmy Noether, a Life in Mathematics, this lengthier study addresses mathematically minded readers. Thus, it presents a detailed analysis of Emmy Noether’s work with Hilbert and Klein on mathematical problems connected with Einstein’s theory of relativity. These efforts culminated with her famous paper "Invariant Variational Problems," published one year before she joined the Göttingen faculty in 1919.