1. Record Nr. UNINA9910796692703321

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Titolo	Strafrechts- und Kriminalitatsgeschichte der Fruhen Neuzeit / / Karl Harter
Pubbl/distr/stampa	Berlin, [Germany] ; ; Boston, [Massachusetts] : , : De Gruyter Oldenbourg, , 2018 ©2018
ISBN	3-11-039667-X 3-11-037980-5
Descrizione fisica	1 online resource (204 pages)
Collana	Methodica - Einfuhrungen in die rechtshistorische Forschung ; ; Band 5
Classificazione	HIS000000HIS037030LAW000000
Disciplina	016.364943
Soggetti	Crime - Germany - History - 20th century Law - History
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Vorwort der Herausgeber / Duve, Thomas / Ehlers, Caspar / Meyer, Christoph H.F. -- Vorwort -- Inhalt -- Teil 1: Einführung -- 1. Überblick zur Forschungsgeschichte -- 2. Kriminalität, Strafrecht, Strafjustiz: Räume, Epochen, Strukturen, Begriffe und Konzepte -- Teil 2: Quellen und Methoden -- 3. Allgemeines: Quellengruppen, Systematisierung, Hilfsmittel und methodische Grundprobleme -- 4. Strafrechtliche Normen: Ordnungen, Policeygesetze, Strafrechtswissenschaft -- 5. Gerichts- und Kriminalakten der Rechtspraxis -- 6. Pragmatisch-praktische und populäre Medien -- Teil 3: Probleme und Perspektiven der Forschung -- 7. Forschungsprobleme und kontroverse Deutungen -- 8. Forschungsperspektiven -- Teil 4: Bibliographie und Verzeichnisse -- 9. Bibliographie -- 10. Register
Sommario/riassunto	Kriminalität, Strafrecht und Strafjustiz haben sich in den letzten Jahrzehnten als wichtige Felder der internationalen historischen Forschung etabliert. Der Band gibt einen Überblick über die Vielfalt der einschlägigen Quellen und Methoden und die damit verbundenen Themenfelder, Konzepte und Kontroversen der neueren Strafrechtsgeschichte und der historischen Kriminalitätsforschung. In dieser interdisziplinären Perspektivierung werden exemplarische

		Forschungsfelder unter Einbeziehung aktueller transnationaler, kultur- und mediengeschichtlicher Forschungsperspektiven vorgestellt.

2.

Record Nr.	UNINA9910409699303321
Titolo	Advances in Synthetic Biology / / edited by Vijai Singh
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-0081-9
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XIII, 349 p. 75 illus., 63 illus. in color.)
Disciplina	660.6
Soggetti	Bioinformatics Biotechnology Molecular genetics Medical genetics Electronic circuits Computational and Systems Biology Chemical Bioengineering Molecular Genetics Medical Genetics Electronic Circuits and Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Introduction to Synthetic Biology -- Chapter 2. Current progress in synthetic genetic networks -- Chapter 3. Current Progress and Limitations in the Design, Construction and Characterization of Synthetic Parts -- Chapter 4. Recent progress in DNA parts standardization and characterization -- Chapter 5. Current status and challenges of DNA sequencing -- Chapter 6. Biomimetic approaches in synthetic biology -- Chapter 7. Design principles of synthetic biological oscillators -- Chapter 8. SOFTWARE-AIDED DESIGN OF IDEALISED PROGRAMMABLE NUCLEIC ACID CIRCUITS -- Chapter 9. Digital Circuit Design for Biological and Silicon Computers -- Chapter 10. Engineering

	of riboregulators for gene regulation as a tool for synthetic biology -- Chapter 11. Recent advances, challenges and opportunities in riboswitches -- Chapter 12. Recent Advances in Gene and Genome Assembly: Challenges and Implications -- Chapter 13. Recent advances, challenges and opportunities in synthetic genomes -- Chapter 14. Expansion of the genetic code -- Chapter 15. Expanding the potential of CRISPR-Cas9 technology for crops improvement -- Chapter 16. Synthetic biology at the hand of cell-free systems -- Chapter 17. Synthetic Biology for the Rapid, Precise and Compliant Detection of Microbes -- Chapter 18. Application and challenges of synthetic biology -- Chapter 19. Development and Application of Microfluidics in Synthetic Biology -- Chapter 20. The Ethics of Synthetic Biology Research and Development: A Principlist Approach. .
Sommario/riassunto	This book addresses the design of emerging conceptual tools, technologies and systems including novel synthetic parts, devices, circuits, oscillators, biological gates, and small regulatory RNAs (riboregulators and riboswitches), which serve as versatile control elements for regulating gene expression. Synthetic biology, a rapidly growing field that involves the application of engineering principles in biology, is now being used to develop novel systems for a wide range of applications including diagnostics, cell reprogramming, therapeutics, enzymes, vaccines, biomaterials, biofuels, fine chemicals and many more. The book subsequently summarizes recent developments in technologies for assembling synthetic genomes, minimal genomes, synthetic biology toolboxes, CRISPR-Cas systems, cell-free protein synthesis systems and microfluidics. Accordingly, it offers a valuable resource not only for beginners in synthetic biology, but also for researchers, students, scientists,clinicians, stakeholders and policymakers interested in the potential held by synthetic biology.