

1. Record Nr.	UNINA9910452856203321
Autore	Buchwald Jed Z
Titolo	Newton and the origin of civilization [[electronic resource] /] / Jed Z. Buchwald & Mordechai Feingold
Pubbl/distr/stampa	Princeton, : Princeton University Press, c2013
ISBN	1-283-85127-X 1-4008-4518-1
Edizione	[Course Book]
Descrizione fisica	1 online resource (545 p.)
Altri autori (Persone)	FeingoldMordechai
Disciplina	530.092
Soggetti	Scientists - England Philosophers - England Chronology, Historical - History - 17th century Civilization, Ancient - Philosophy Public opinion - Europe - History - 17th century Electronic books. Europe Intellectual life 17th century
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	Troubled Senses -- Troubled Numbers -- Erudition and Chronology in Seventeenth-Century England -- Isaac Newton on Prophecies and Idolatry -- Aberrant Numbers : The Propagation of Mankind before and after the Deluge -- Newtonian History -- Text and Testimony -- Interpreting Words -- Publication and Reaction -- The War on Newton in England -- The War on Newton in France -- The Demise of Chronology -- Evidence and History -- Appendix A: Signs, Conventions, Dating, and Definitions -- Appendix B: Newton's Computational Methods -- Appendix C: Commented Extracts from Newton's MS Calculations -- Appendix D: Placing Colures on the Original Star Globe -- Appendix E: Hesiod, Thales, and Stellar Risings and Settings.
Sommario/riassunto	Isaac Newton's Chronology of Ancient Kingdoms Amended, published in 1728, one year after the great man's death, unleashed a storm of controversy. And for good reason. The book presents a drastically revised timeline for ancient civilizations, contracting Greek history by

five hundred years and Egypt's by a millennium. *Newton and the Origin of Civilization* tells the story of how one of the most celebrated figures in the history of mathematics, optics, and mechanics came to apply his unique ways of thinking to problems of history, theology, and mythology, and of how his radical ideas produced an uproar that reverberated in Europe's learned circles throughout the eighteenth century and beyond. Jed Buchwald and Mordechai Feingold reveal the manner in which Newton strove for nearly half a century to rectify universal history by reading ancient texts through the lens of astronomy, and to create a tight theoretical system for interpreting the evolution of civilization on the basis of population dynamics. It was during Newton's earliest years at Cambridge that he developed the core of his singular method for generating and working with trustworthy knowledge, which he applied to his study of the past with the same rigor he brought to his work in physics and mathematics. Drawing extensively on Newton's unpublished papers and a host of other primary sources, Buchwald and Feingold reconcile Isaac Newton the rational scientist with Newton the natural philosopher, alchemist, theologian, and chronologist of ancient history.

2. Record Nr.	UNINA9910437821303321
Titolo	Green Materials for Energy, Products and Depollution // edited by Eric Lichtfouse, Jan Schwarzbauer, Didier Robert
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2013
ISBN	94-007-6836-2
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (487 p.)
Collana	Environmental Chemistry for a Sustainable World, , 2213-7114 ; ; 3
Disciplina	333.7916
Soggetti	Environmental chemistry Water pollution Climate change Renewable energy resources Electrical engineering Environmental Chemistry Waste Water Technology / Water Pollution Control / Water Management / Aquatic Pollution Climate Change Renewable and Green Energy Electrical 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 and index.
Nota di contenuto	1. Biodiesel from microalgal oil extraction -- 2 . Electrochemistry and water pollution -- 3. Heterogeneous photocatalysis for pharmaceutical wastewater treatment -- 4. Water depollution using ferrites photocatalysts -- 5. Bioindicators of toxic metals -- 6. Natural dyes and antimicrobials for textiles -- 7. Surfactants in agriculture -- 8. Cheap materials to clean heavy metal polluted waters -- 9. Water quality monitoring by aquatic bryophytes -- 10. Halogenated PAH contamination in urban soils.
Sommario/riassunto	Using renewable fuels and materials, drinking clean water and food, and breathing safe air are major issues for a sustainable world. This book reviews biodiesel production from microalgae, a promising energy source that does not compete with food production. Several advanced techniques to clean polluted waters, such as electrochemistry, ferrites

photocatalysis and low-cost filtration are presented. Chapters also show various living organisms used as bioindicators of toxic metals. Decreasing ecotoxicity of pesticides using suitable surfactants is reviewed. The last chapter evidences new pollutants in urban soils, halogenated polycyclic aromatic hydrocarbons.
