1.	Record Nr.	UNINA9910777558103321
	Autore	Waller John
	Titolo	Fabulous science : fact and fiction in the history of scientific discovery / / John Waller
	Pubbl/distr/stampa	Oxford, [England] ; ; New York : , : Oxford University Press, , 2002 ©2002
	ISBN	1-280-44458-4 9786610444588 0-19-153941-4 1-4237-5641-X
	Descrizione fisica	1 online resource (466 p.)
	Disciplina	509
	Soggetti	Discoveries in science - History
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	Cover Page; Title Page; Copyright Page; Dedication; Contents; List of illustrations; Acknowledgements; Introduction: What is history for?; Part One: Right for the wrong reasons; 1 The pasteurization of spontaneous generation; 2 'The battle over the electron'; 3 The eclipse of Isaac Newton: Arthur Eddington's 'proof of general relativity; 4 Very unscientific management; 5 The Hawthorne studies: finding what you are looking for; Conclusion to Part I: Sins against science?; Part Two: Telling science as it was; 6 Myth in the time of cholera 7 'The Priest who held the key': Gregor Mendel and the ratios of fact and fiction8 Was Joseph Lister Mr Clean?; 9 The Origin of Species by means of use-inheritance; 10 'A is for ape, B is for Bible': science, religion, and melodrama; 11 Painting yourself into a corner: Charles Best and the discovery of insulin; 12 Alexander Fleming's dirty dishes; 13 'A decoy of Satan'; Conclusion to Part Two: Sins against history?; Notes on sources; Index
	Sommario/riassunto	The great biologist Louis Pasteur suppressed data that didn't support the case he was making. Albert Einstein's theory of general relativity was only 'confirmed' in 1919 because an eminent British scientist massaged his figures. Joseph Lister's famously spotless hospital wards

were actually notoriously dirty. Gregor Mendel, supposed father of the science of heredity, never grasped the fundamental principles of 'Mendelian' genetics. Often startling, always enthralling, FabulousScience reveals the truth behind these and many other myths in the history of science. - ;The great biologist Louis Pas