1. Record Nr. UNINA9910466111403321

Autore	Solomon Tom
Titolo	Roald Dahl's marvellous medicine / / Tom Solomon
Pubbl/distr/stampa	Cambridge, England : , : Liverpool University Press, , 2016 ©2016
ISBN	1-78138-867-9 1-78138-346-4
Descrizione fisica	1 online resource (253 pages) : digital, PDF file(s)
Disciplina	372.5044
Soggetti	Art - Study and teaching - Activity programs School field trips - Great Britain School field trips Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 11 Aug 2017).
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Most people know Roald Dahl as a famous write of children’s books and adult short stories, but few are aware of his fascination with medicine. Right from his earliest days to the end of his life, Dahl was intrigued by what doctors do, and why they do it. During his lifetime, he and his family suffered some terrible medical tragedies: Dahl nearly died when his fighter plane went down in World War II; his son had severe brain injury in an accident; and his daughter died of measles infection of the brain. But he also had some medical triumphs: he dragged himself back to health after the plane crash, despite a skull fracture, back injuries, and blindness; he was responsible for inventing a medical device (the Wade-Dahl-Till valve) to treat his son's hydrocephalus (water on the brain), and he taught his first wife Patricia to talk again after a devastating stroke. His medical interactions clearly influenced some of his writing – for example the explosive potions in George’s Marvellous Medicine. And sometimes his writing impacted on events in his life – for example the research on neuroanatomy he did for his short story William and Mary later helped him design the valve for treating hydrocephalus.In this unique book, Professor Tom

	Solomon, who looked after Dahl towards the end of his life, examines Dahl’s fascination with medicine. Taking examples from Dahl’s life, and illustrated with excerpts from his writing, the book uses Dahl’s medical interactions as a starting point to explore some extraordinary areas of medical science. Solomon is an award-winning science communicator, and he effortlessly explains the medical concepts underpinning the stories, in language that everyone can understand. The book is also peppered with anecdotes from Dahl’s late night hospital discussions with Solomon, which give new insights into this remarkable man’s thinking as his life came to an end.

2.

Record Nr.	UNISA996464542803316
Autore	Rathgeb Christian
Titolo	Handbook of digital face manipulation and detection : from DeepFakes to morphing attacks / / editors, Christian Rathgeb [et al.]
Pubbl/distr/stampa	Cham, : Springer Nature, 2022 Cham : , : Springer International Publishing AG, , 2022 ©2022
ISBN	3-030-87664-0
Descrizione fisica	1 online resource (481 pages) : illustrations (chiefly color)
Collana	Advances in computer vision and pattern recognition
Altri autori (Persone)	RathgebChristian TolosanaRuben Vera-RodriguezRuben BuschChristoph
Soggetti	Biometric identification Deepfakes Image processing - Digital techniques Morphing (Computer animation)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes index.
Nota di contenuto	Part I - Introduction: 1. Digital Face Manipulation: An Introduction2. Face Manipulation in Biometric Systems3. Face Manipulation in Media Forensics Part II - Face Manipulation Detection Methods: 4. DeepFakes

	Manipulation5. DeepFakes Detection6. Attacking Face Recognition Systems with DeepFakes
Sommario/riassunto	This open access book provides the first comprehensive collection of studies dealing with the hot topic of digital face manipulation such as DeepFakes, Face Morphing, or Reenactment. It combines the research fields of biometrics and media forensics including contributions from academia and industry. Appealing to a broad readership, introductory chapters provide a comprehensive overview of the topic, which address readers wishing to gain a brief overview of the state-of-the-art. Subsequent chapters, which delve deeper into various research challenges, are oriented towards advanced readers. Moreover, the book provides a good starting point for young researchers as well as a reference guide pointing at further literature. Hence, the primary readership is academic institutions and industry currently involved in digital face manipulation and detection. The book could easily be used as a recommended text for courses in image processing, machine learning, media forensics, biometrics, and the general security area.