

1. Record Nr.	UNINA9910552779403321
Autore	Haytock Jennifer Anne
Titolo	At Home, At War : Domesticity and World War I in American Literature / / Jennifer Haytock
Pubbl/distr/stampa	Columbus : , : Ohio State University Press, , 2003 ©2003
ISBN	0-8142-7347-5
Descrizione fisica	1 online resource (xxviii, 147 p.)
Disciplina	813/.509358
Soggetti	War in literature Home in literature War stories, American - History and criticism Domestic fiction, American - History and criticism World War, 1914-1918 - United States - Literature and the war American fiction - 20th century - History and criticism Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. 129-137) and index.

2. Record Nr.	UNINA9910595072803321
Autore	Portner Ralf
Titolo	Bioprocess Systems Engineering Applications in Pharmaceutical Manufacturing
Pubbl/distr/stampa	Basel, 2022
Descrizione fisica	1 online resource (226 p.)
Soggetti	History of engineering and technology Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Biopharmaceutical and pharmaceutical manufacturing are strongly influenced by the process analytical technology initiative (PAT) and quality by design (QbD) methodologies, which are designed to enhance the understanding of more integrated processes. The major aim of this effort can be summarized as developing a mechanistic understanding of a wide range of process steps, including the development of technologies to perform online measurements and real-time control and optimization. Furthermore, minimization of the number of empirical experiments and the model-assisted exploration of the process design space are targeted. Even if tremendous progress has been achieved so far, there is still work to be carried out in order to realize the full potential of the process systems engineering toolbox. Within this reprint, an overview of cutting-edge developments of process systems engineering for biopharmaceutical and pharmaceutical manufacturing processes is given, including model-based process design, Digital Twins, computer-aided process understanding, process development and optimization, and monitoring and control of bioprocesses. The biopharmaceutical processes addressed focus on the manufacturing of biopharmaceuticals, mainly by Chinese hamster ovary (CHO) cells, as well as adeno-associated virus production and generation of cell spheroids for cell therapies.</p>

