1. Record Nr. UNINA9910607186403321

Titolo	2021 IEEE International Biomedical Instrumentation and Technology Conference (IBITeC)
Lingua di pubblicazione	Non definito
Formato	Materiale a stampa
Livello bibliografico	Periodico

2. Record Nr. UNINA9910886996603321

Autore	Alexander Amit
Titolo	Application of Nanocarriers in Brain Delivery of Therapeutics / / edited by Amit Alexander
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9728-59-2
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (398 pages)
Disciplina	616.8
Soggetti	Pharmacology Neuropharmacology Nanobiotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1. Introduction to complex brain disorders, currently available therapies, and their limitations -- Chapter 2. Challenges of brain targeting and mechanism of drug transfer across BBB -- Chapter 3. Introduction to nanoparticles as a potential carrier for brain targeting -- Chapter 4. Application of polymeric nanoparticles in brain targeting -- Chapter 5. Recent advancements in lipid nanocarriers for brain delivery of bioactive -- Chapter 6. Liposomes as a potential carrier for brain delivery -- Chapter 7. Inorganic nanoparticles for brain targeting: scope and limitations -- Chapter 8. Potential of dendrimers as a nanocarrier for brain delivery -- Chapter 9. Surface active ligands for enhanced brain targeting of nanoparticles -- Chapter 10. Stimuli-

responsive polymers for brain delivery -- Chapter 11. In vitro cell line development and their limitations for brain research -- Chapter 12. In vivo Animal model development and their limitation for brain research -- Chapter 13. Safety, stability concerns, and regulatory aspects of Nanocarriers for brain delivery -- Chapter 14. Current clinical advancements of nanocarriers for brain targeting and limitations in clinical translation.

Sommario/riassunto

This book presents nanoparticles as potential drug delivery carriers for overcoming the blood-brain barrier. The initial chapter of the book discusses complex brain disorders, the currently available therapies, and their limitations. The book discusses the potential applications of polymeric nanoparticles, lipid nanocarriers, liposomes, inorganic nanoparticles, dendrimers, and stimuli-responsive polymers for targeted brain drug delivery. Further, it evaluates the development and role of different cell lines and animal models in brain research. Towards the end, the book reviews challenges, safety, toxicity, regulatory aspects, future possibilities, and constraints in the clinical translation of nanocarrier systems to treat neurological disorders. The book as such provides valuable information to neuroscientists, and researchers working in pharmaceuticals, nanomedicine, drug delivery research, and nanotechnology.

3. Record Nr. UNINA9910254570703321

Autore	Newmarch Jan
Titolo	Network Programming with Go : Essential Skills for Using and Securing Networks / / by Jan Newmarch
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2017
ISBN	9781484226926 1484226925
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XXI, 274 p. 36 illus., 5 illus. in color.)
Disciplina	005.13
Soggetti	Programming languages (Electronic computers) Computer programming Computer networks Programming Languages, Compilers, Interpreters Programming Techniques Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1. Architecture -- 2. Overview of the Go language -- 3. Socket-level Programming -- 4. Data Serialization -- 5. Application-Level Protocols -- 6. Managing character sets and encodings -- 7. Security -- 8. HTTP -- 9. Templates -- 10. A Complete Web Server -- 11. HTML -- 12. XML -- 13. Remote Procedure Call -- 14. REST.-15. Web Sockets -- Afterword.
Sommario/riassunto	Dive into key topics in network architecture and Go, such as data serialization, application level protocols, character sets and encodings. This book covers network architecture and gives an overview of the Go language as a primer, covering the latest Go release. Beyond the fundamentals, Network Programming with Go covers key networking and security issues such as HTTP and HTTPS, templates, remote procedure call (RPC), web sockets including HTML5 web sockets, and more. Additionally, author Jan Newmarch guides you in building and connecting to a complete web server based on Go. This book can serve as both as an essential learning guide and reference on Go networking. What You Will Learn Master network programming with Go Carry out

data serialization Use application-level protocols Manage character sets and encodings Deal with HTTP(S) Build a complete Go-based web server Work with RPC, web sockets, and more Who This Book Is For Experienced Go programmers and other programmers with some experience with the Go language.