1. Record Nr.          UNINA9910810331003321

   Autore              Vimala A

   Titolo              Fluid, electrolyte, metabolic and respiratory acid-base management / /
                       A Vimala ; foreword, MA Muthusethupathi

   Pubbl/distr/stampa  New Delhi, India : , : Jaypee Brothers Medical Publishers (P) LTD, , 2014
                       ©2014

   ISBN                93-5250-107-1

   Edizione            [First edition.]

   Descrizione fisica  1 online resource (366 pages) : illustrations, tables

   Disciplina          616.3992

   Soggetti            Water-electrolyte imbalances
                       Respiratory organs - Diseases - Etiology
                       Acid-base imbalances

   Lingua di pubblicazione   Inglese

   Formato             Materiale a stampa

   Livello bibliografico     Monografia

   Nota di bibliografia      Includes bibliographical references and index.

|   |   |   |
|---|---|---|
| 2. | Record Nr. | UNINA9910349291503321 |
|   | Titolo | Bio-inspired Information and Communication Technologies : 11th EAI International Conference, BICT 2019, Pittsburgh, PA, USA, March 13–14, 2019, Proceedings / / edited by Adriana Compagnoni, William Casey, Yang Cai, Bud Mishra |
|   | Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019 |
|   | ISBN | 3-030-24202-1 |
|   | Edizione | [1st ed. 2019.] |
|   | Descrizione fisica | 1 online resource (XII, 209 p. 80 illus., 60 illus. in color.) |
|   | Collana | Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 289 |
|   | Disciplina | 660.6<br>570.285 |
|   | Soggetti | Bioinformatics<br>Artificial intelligence<br>Computer science<br>Computational and Systems Biology<br>Artificial Intelligence<br>Theory of Computation |
|   | Lingua di pubblicazione | Inglese |
|   | Formato | Materiale a stampa |
|   | Livello bibliografico | Monografia |
|   | Note generali | Includes index. |
|   | Nota di contenuto | Cheating the Beta Cells To Delay the Beginning of Type-2 Diabetes Through Articial Segregation of Insulin -- Physics-Based Nanomedicine to Alleviate Anomalous Events in the Human Kidney -- Bio-inspired System Identification Attacks in Noisy Networked Control Systems -- Bio-inspired Approach To Thwart Against Insider Threats: An Access Control Policy Regulation Framework -- Blinded by Biology: Bio-Inspired Tech-Ontologies in Cognitive Brain Sciences -- A Distribution Control of Weight Vector Set for Multi-objective Evolutionary Algorithms -- Classification of Permutation Distance Metrics for Fitness Landscape Analysis -- Medical Diagnostics Based on Encrypted Medical Data -- Evolutionary Multi-objective Optimization for Evolving Soft Robots in Different Environments -- Field coverage for weed mapping toward experiments with a UAV swarm -- Self-Assembly from a Single- |

Molecule Perspective -- Cyber Regulatory Networks: Towards A Bio-inspired Auto-resilient Framework for Cyber-Defense -- Space partitioning and maze solving by bacteria -- A Scalable Parallel Framework for Multicellular Communication in Bacterial Quorum Sensing -- Membrane computing Aggregation (MCA): An upgraded Framework for Transition P-Systems.

| | |
|---|---|
| Sommario/riassunto | This book constitutes the refereed conference proceedings of the 11th International Conference on Bio-Inspired Information and Communications Technologies, held in Pittsburgh, PA, USA, in March 2019. The 13 revised full papers and 2 short papers were selected from 29 submissions. Past iterations of the conference have attracted contributions in Direct Bioinspiration (physical biological materials and systems used within technology) as well as Indirect Bioinspiration (biological principles, processes and mechanisms used within the design and application of technology). This year, the scope has expanded to include a third thrust: Foundational Bioinspiration (bioinspired aspects of game theory, evolution, information theory, and philosophy of science). |