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Soggetti	Computational intelligence Expert systems (Computer science) Computer algorithms
Lingua di pubblicazione	Inglese
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Note generali	Includes index.
Nota di contenuto	Gene Expression Array Analysis -- Gene Regulation Modeling and Analysis -- Protein-Protein Interaction Prediction -- Biomarker Discovery and Detection -- Systems Biology -- Modeling, Simulation, and Optimization of Biological Systems -- Intelligent Computing in Computational Biology -- Intelligent Computing in Drug Design -- Computational Genomics -- Artificial Intelligence in Biological and Medical Information Procession -- Recent Advances in Swarm Intelligence: computing and applications -- Machine Learning Techniques in Bioinformatics -- High-performance Modelling Methods on High-throughput Biomedical Data -- Intelligent Computing and Swarm Optimization -- Construction of Large-Scale Heterogeneous Molecular Association Network and its Application in Molecular Link Prediction.
Sommario/riassunto	This two-volume set of LNCS 12463 and LNCS 12464 constitutes - in conjunction with the volume LNAI 12465 - the refereed proceedings of the 16th International Conference on Intelligent Computing, ICIC 2020, held in Bari, Italy, in October 2020. The 162 full papers of the three proceedings volumes were carefully reviewed and selected from 457 submissions. The ICIC theme unifies the picture of contemporary

intelligent computing techniques as an integral concept that highlights the trends in advanced computational intelligence and bridges theoretical research with applications. The theme for this conference is "Advanced Intelligent Computing Methodologies and Applications." Papers related to this theme are especially solicited, addressing theories, methodologies, and applications in science and technology.

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