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Collana	Communications in Computer and Information Science, , 1865-0929 ; ; 1176
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Soggetti	Computer organization Operating systems (Computers) Database management Computer software Application software Data encryption (Computer science) Computer Systems Organization and Communication Networks Operating Systems Database Management Professional Computing Information Systems Applications (incl. Internet) Cryptology
Lingua di pubblicazione	Inglese
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Nota di contenuto	OBBC-A Blockchain-based Data Sharing Scheme for Open Banking -- FutureOTC: An Intelligent Decentralized OTC Option Trading and E-contract Signing System-Forgetting Markov Model for Next-Basket Recommendation -- One-stop Efficient PKI Authentication Service Model Based on Blockchain -- Distributed Electronic Data Storage and Proof System Based on Blockchain -- Bye Audit! A Novel Blockchain-based Automated Data Processing Scheme for Bank Audit Confirmation

-- A New Approach to Prevent Reentrant Attack in Solidity Smart Contracts -- CoT: A Secure Consensus of Trust with Delegation Mechanism in Blockchains -- A Uniform Payment System for Hyperledger Fabric Blockchain -- Identity-Based Cross-Domain Authentication by Blockchain via PKI Environment -- Blockchain-based Content Name Search Mechanism in NDN -- Dizar: An Architecture of Distributed Public Key Infrastructure Based on Permissioned Blockchain -- Optimization Scheme of Consensus Mechanism Based on Practical Byzantine Fault Tolerance Algorithm -- The Trojan Message Attack on the Pay-to-Public-Key-Hash Protocol of Bitcoin -- Blockchain-based Implementation of Smart Contract and Risk Management for Interest Rate Swap -- Overview and Thoughts on Standardization of China's Blockchain Technology -- Routing Optimization for High Speed Photon State-Channel Architecture.

Sommario/riassunto

This book constitutes the refereed proceedings of the Second CCF China Blockchain Conference, CBCC 2019, held in Chengdu, China, in October 2019. The 16 revised full papers presented were carefully reviewed and selected from 112 submissions. The papers deal with research results and development activities in all aspects of blockchain science and technology. .
