Record Nr. UNISA996464436803316 Blockchain technology and application: third CCF China blockchain Titolo conference, CBCC 2020, Jinan, China, December 18-20, 2020: revised selected papers / / Ke Xu [and three others] (editors) Singapore:,: Springer,, [2021] Pubbl/distr/stampa ©2021 **ISBN** 981-336-478-5 Edizione [1st ed. 2021.] Descrizione fisica 1 online resource (IX, 127 p. 76 illus., 43 illus. in color.) Collana Communications in Computer and Information Science;; 1305 Disciplina 004.22 Soggetti Programació (Ordinadors) Blockchains (Databases) Computer organization Data encryption (Computer science) Congressos Llibres electrònics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto ChainSim: A P2P blockchain simulation framework -- Blockchain-based Access Control Mechanism in Electronic Evidence -- A Blockchain-Based Digital Copyright Protection System with Security and Efficiency -- Multi-Core and SIMD Architecture based Implementation on SHA-256 of Blockchain -- EduChain: A blockchain-based education data management system -- A Case Study for Blockchain in OTC: "BATN": A Prototype for Bid and Ask Trading Network -- A Group-based Optimized Practical Byzantine Fault Tolerance Consensus Algorithm --Storage Optimization for Certificates in Blockchain based PKI System. This book constitutes the refereed proceedings of the Third CCF China Sommario/riassunto Blockchain Conference, CBCC 2020, held in Jinan, China, December 2020. The 8 revised full papers presented were carefully reviewed and selected from 64 submissions. The papers deal with research results and development activities in all aspects of blockchain science and

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