عنوان مقاله:

A review of blockchain cyber security

محل انتشار:

تعداد صفحات اصل مقاله: 10

نویسنده:

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خلاصه مقاله:

This research paper is focused on identifying peer-reviewed literature that utilizes blockchain for cyber security purposes, and analyzing the most frequently adopted blockchain security applications. The paper highlights that blockchain has become one of the most frequently discussed methods for securing data storage and transfer through decentralized, trustless, peer-to-peer systems since the publication of Satoshi Nakamoto's white paper on Bitcoin in ۲۰۰۸.The research findings indicate that the Internet of Things (IoT) is particularly well-suited for blockchain applications, as are networks and machine visualization, public-key cryptography, web applications, certification schemes, and the secure storage of Personally Identifiable Information (PII). The systematic review also highlights future directions of research, education, and practices in the blockchain and cyber security space, such as security of blockchain in IoT, security of blockchain for AI data, and sidechain security.

کلمات کلیدی:

Blockchain, cybersecurity, iot

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