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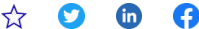
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[PDF] The Impact of Environmental Information on Cryptocurrency Investment Allocation Decisions: An Experimental Survey Study

M Wendl, MH Doan, R Sassen - Corporate Social Responsibility and Environmental ..., 2025

Despite the universal acknowledgment of financial profit expectations as an investment driver, environmental concern has been suggested as a factor influencing investors' decisions to purchase cryptocurrency. In this sense, this study investigates the impact of environmental information on investment allocation decisions to purchase different types of cryptocurrencies with different levels of environmental impacts (ie, cryptocurrencies using Proof-of-Work (Bitcoin) and Proof-of-Stake ...

- Cites: A peer-to-peer electronic cash system

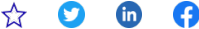


The way digitalization is driving global expansion of cryptocurrencies

MM Moeini Gharagozloo, H Alsuwayti, A Amini Sedeh... - Journal of Science and ..., 2025

Purpose When Bitcoin was first introduced in a paper in 2008 and began gaining traction shortly thereafter, many economists and financial market investors expressed skepticism about the future of this type of currency and even questioned its very existential philosophy. Fast-forward more than a decade later, not only Bitcoin has established itself as a solid digital currency for investment purposes and daily transactions, but also many other cryptocurrencies have followed suit. While ...

- Cites: Bitcoin: A Peer-to-Peer Electronic Cash System

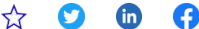


[PDF] ExDoS: Expert-Guided Dual-Focus Cross-Modal Distillation for Smart Contract Vulnerability Detection

Y Jia, Y Tian, Y Wang, J Sun, H Xu - arXiv preprint arXiv:2509.10252, 2025

The success of smart contracts has made them a target for attacks, but their closed-source nature often forces vulnerability detection to work on bytecode, which is inherently more challenging than source-code-based analysis. While recent studies try to align source and bytecode embeddings during training to transfer knowledge, current methods rely on graph-level alignment that obscures fine-grained structural and semantic correlations between the two modalities. Moreover, the absence of ...

- Cites: Bitcoin: A Peer-to-Peer Electronic Cash System



[PDF] Blockchain-Enabled Federated Learning for Privacy-Preserving AI Applications

MTT Bajwa, MZ Shafi, MAU Rehman, A Ali, M Awais - The Asian Bulletin of Big ..., 2025

The seamless adoption of the artificial intelligence (AI) in some sensitive areas has heightened discomforts on the privacy of data, security and confidence. Another alternative is Federated Learning (FL), an alternative dedicated to centralized model training and data localization prevention, therefore, eliminating exposure risks. Despite these advantages, FL is also marked by such vulnerabilities as model poisoning, unreliability aggregation, and centralized-coordinator dependency. This ...

- Cites: Bitcoin: A Peer-to-Peer Electronic Cash System



[HTML] Analysis of cryptocurrency preferences in Hungary using flexible fuzzy numbers

Z Gyenes, T Jónás - Soft Computing, 2025

This research explores individual investors' preferences for cryptocurrencies in Hungary using a novel analytical method with flexible fuzzy numbers, which accounts for uncertainty in responses, unlike the traditional Likert scale-based analysis. An online questionnaire yielded 116 responses, which were analyzed using descriptive and inferential statistical methods. The flexible fuzzy number-based questions assessed respondents' knowledge of cryptocurrencies, blockchain, and ...

- Cites: Bitcoin: A Peer-to-Peer Electronic Cash System



[PDF] Bitcoin Cross-Chain Bridge: A Taxonomy and Its Promise in Artificial Intelligence of Things

G Tang, C Chan, N Nan, S Yang, J Zhou, H Leung... - arXiv preprint arXiv ..., 2025

Bitcoin's limited scripting capabilities and lack of native interoperability mechanisms have constrained its integration into the broader blockchain ecosystem, especially decentralized finance (DeFi) and multi-chain applications. This paper presents a comprehensive taxonomy of Bitcoin cross-chain bridge protocols, systematically analyzing their trust assumptions, performance characteristics, and applicability to the Artificial Intelligence of Things (AIoT) scenarios. We categorize bridge designs ...

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Cites: Bitcoin: A Peer-to-Peer Electronic Cash System [↗](#)



Introdução à computação quântica e impactos em criptografia

VT Hayashi, BK Ferreira, R Arakaki, JF Rossetti... - Minicursos do SBSeg 2025, 2025

A Computação Quântica é uma tecnologia emergente com potencial para resolver alguns problemas complexos considerados intratáveis por computadores clássicos. No entanto, esse potencial representa riscos à segurança da informação, uma vez que algoritmos quânticos podem quebrar métodos de criptografia amplamente utilizados em sistemas atuais. Este minicurso tem como objetivo introduzir os fundamentos da computação quântica e examinar seus impactos na criptografia ...

• Cites: Bitcoin: A Peer-to-Peer Electronic Cash System [↗](#)



[PDF] Blockchain technology applications and challenges in the Saudi Arabian construction industry

MN Alkhurayji, AA Shash, AM Ghaithan, KM Mazher

The Saudi Arabian construction industry is one of the largest in the region. Previous research suggests that blockchain technology (BCT) can enhance the process performance and management. However, studies also highlight significant barriers to BCT application in construction. Despite this, there is limited research on BCT in the Saudi construction sector. This study aims to identify the barriers and drivers in adopting BCT in the Saudi Arabian construction industry. It also assesses the level of ...

• Cites: Bitcoin: A Peer-to-Peer Electronic Cash System [↗](#)



[PDF] Towards Proof-of-Prospect consensus mechanism for maximizing consumers' satisfaction in distributed energy systems

Y Xie, C Tang, Z Chen, J Lai, Z Zheng, X Yu

With economic prosperity on the rise, modern energy consumers are experiencing higher living standards and increasingly demanding greater satisfaction from energy systems, especially in scenarios involving risk. Satisfaction with risk decisions means consumers seek to make wise decisions when facing risks to optimize satisfaction. Yet, traditional optimization struggles with the increasing decentralization of energy systems, posing significant challenges to optimizing satisfaction with risk decisions ...

• Cites: Bitcoin: A peer-to-peer electronic cash system. 2008 [↗](#)



[PDF] BLOCKCHAIN E SUA APLICABILIDADE NA CONTABILIDADE: SEGURANÇA E TRANSPARÊNCIA NOS REGISTROS

A do Nascimento Sousa, PMA de Sousa, HR Araujo - Revista Acadêmica ..., 2025

Objetivo: analisar, por meio de uma revisão da literatura, a aplicabilidade da tecnologia blockchain na contabilidade, com ênfase em seus impactos na segurança e transparência dos registros contábeis. Método: A metodologia adotada foi uma revisão narrativa da literatura, de natureza qualitativa, com abordagem descritiva e exploratória. A busca foi realizada em bases como SciELO, Scopus e Capes, com estudos publicados entre 2015 e 2025. Utilizaram-se descritores ...

• Cites: Bitcoin: Um sistema de dinheiro eletrônico ponto-a-ponto [↗](#)



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