

(Review Article\*)

## The Impact of Digital Transformation on Enterprise Accounting

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### Abstract

Digital transformation represents a significant trend within the accounting domain, exerting a profound influence on conventional accounting processes, financial reporting, and decision-support capabilities. Primarily, it has revolutionized the accounting process by integrating sophisticated digital technologies and tools, enabling real-time data collection and processing, and thereby enhancing the efficiency and accuracy of accounting tasks. Secondly, digital transformation has played a pivotal role in expediting and refining the production and dissemination of financial reports, rendering financial statements faster and more precise, while also bolstering the disclosure and transparency of financial information. Furthermore, it has elevated the capacity of accounting decision support by furnishing management with profound business insights and decision-making aid through data analysis and visualization tools.

Notwithstanding its merits, digital transformation faces certain implementation challenges in the accounting realm. Technical barriers, data integration, organizational structure, and cultural factors necessitate careful consideration and resolution. Additionally, digital transformation introduces data quality and security risks, compelling enterprises to ensure data accuracy, security, and compliance with pertinent laws and regulations.

In order to adapt to the transformative influence of digitalization, accounting personnel must continuously acquire and update skills, cultivating proficiency in data analysis, data science, and digital tools. Concurrently, enterprises must prioritize the establishment of a conducive organizational culture and change management practices to ensure the successful implementation and effective operation of digital transformation. While digital transformation opens up numerous opportunities in the accounting sector, it must surmount challenges to achieve sustainable development and advancement within the field.

**Keywords:** Digital transformation; Enterprise accounting; Accounting quality; Accounting process; Decision support

### Introduction

With the rapid advancement of information technology and the emergence of digital transformation, enterprises are continuously striving for innovation and competitive advantages. Concurrently, the field of accounting is also confronting significant changes and opportunities. The profound impact of digital transformation on enterprise accounting is altering the accounting process, procedures, and roles, as well as the generation and utilization of accounting information. This paradigm shift encompasses not only technological upgrades but also constitutes a comprehensive transformation of enterprise accounting principles and practices.

Digital transformation has introduced various changes to enterprise accounting. Traditional manual accounting tasks are gradually being supplanted by automated tools and software, enhancing the efficiency and accuracy of accounting processes. Additionally, digital transformation has facilitated big data analysis and data-driven decision support, empowering the accounting department to furnish strategic financial information and insights and extend support and guidance for enterprise management's decision-making process. Furthermore, digital transformation has reshaped the role of accountants, transforming them from mere data recorders and reporters to data analysts and strategic partners, actively contributing to the formulation and implementation of corporate strategies.

However, digital transformation also brings forth a series of challenges and issues. Ensuring data quality and consistency, mitigating data security and privacy risks, and managing organizational culture change all pose critical concerns that need to be addressed during the digital transformation process. Therefore, conducting in-depth research on the impact of digital transformation on enterprise accounting holds significant practical and academic value for understanding digital transformation trends, optimizing accounting workflows, and improving decision-making quality.

Against this backdrop, this paper aims to explore the ramifications of digital transformation on enterprise accounting. By analyzing the effects of digital transformation on accounting process efficiency, the accuracy of financial reports, the roles and responsibilities of accountants, as well as the enhancement of decision support capabilities, we will delve into the profound impact of digital transformation on enterprise accounting. Simultaneously, this paper will discuss potential problems and challenges that digital transformation may encounter in implementing enterprise accounting and provide relevant solutions and suggestions. These research findings will offer valuable references and guidance for enterprise management, accounting professionals, and academia, thereby fostering the seamless implementation of digital transformation and augmenting the efficiency and competitiveness of enterprise accounting.

## **Theoretical Framework of Digital Transformation**

### ***Definition and Concept of Digital Transformation***

Digital transformation pertains to the conversion of conventional business processes, products, and services into digital manifestations with the objective of achieving a more efficient and innovative operational model. Encompassing the entire enterprise value chain, spanning from marketing, and supply chain management to customer relationship management, digital technology serves as the catalyst for change and optimization. A central focus of digital transformation is on data-driven decision-making and innovation, leveraging advanced technical tools and platforms to drive transformative business growth.

### ***Impact and Drivers of Digital Transformation on Enterprises***

The impact of digital transformation on enterprises has been profound and extensive, leading to significant changes in business models, operational processes, and organizational culture. This transformation has exerted a pivotal influence on the competitiveness and sustainable development of enterprises. Key drivers fostering digital transformation include:

#### ***Technological Progress***

The advent of emerging digital technologies, such as artificial intelligence, big data analysis, cloud computing, and the Internet of Things, empowers enterprises with robust tools and platforms, thereby facilitating the seamless implementation of digital transformation.

*Changes in Consumer Behavior*

Digital technology has fundamentally reshaped consumer purchasing behavior and expectations, compelling businesses to embrace digital solutions that cater to consumer needs and offer personalized products and services.

*Competitive Pressure*

The intensely competitive market environment compels enterprises to actively seek innovation and enhanced efficiency, with digital transformation emerging as a pivotal means to address and withstand competitive pressures.

*Data-Driven Decision-Making*

Enterprises are increasingly attaching greater importance to the value and analysis of data. Digital transformation equips organizations with enhanced capabilities for data collection, integration, and analysis, furnishing more precise and timely support for decision-making processes.

*Applications and Cases of Digital Transformation in Various Industries*

Digital transformation has become pervasive across all sectors. Within the retail industry, the adoption of e-commerce platforms and mobile applications has facilitated the digital transformation of online sales, personalized recommendations, and supply chain management. In the manufacturing industry, the implementation of the Internet of Things (IoT) and Big Data analysis has enabled intelligent optimization of production processes, resulting in enhanced production efficiency and quality control. The financial industry has also experienced a significant impact from digital transformation, with advancements in digital payment systems, mobile banking, and the emergence of intelligent investment consultants. Furthermore, in the healthcare sector, digital transformation has revolutionized medical services through the utilization of electronic medical records and telemedicine technology, thereby improving the efficiency of medical resource utilization and enhancing patient experiences. These exemplary cases highlight the application and advantages of digital transformation across diverse industries, presenting enterprises with unprecedented opportunities for innovation and growth.

**The Impact of Digital Transformation on Accounting Processes**

Digital transformation has brought about profound changes to traditional accounting processes by introducing cutting-edge digital technologies and tools, thereby elevating the efficiency and accuracy of accounting tasks. This section will analyze the specific alterations that digital transformation has brought to traditional accounting processes, examine the utilization and benefits of digital technology in accounting, and explore the impact of this transformation on accounting efficiency and accuracy.

*Changes of Digital Transformation to Traditional Accounting Processes*

Historically, traditional accounting processes heavily relied on manual operations and paper-based documents, rendering them susceptible to time delays, data inaccuracies, and human errors. The advent of digital transformation has ushered in automation tools and digital platforms, revolutionizing the landscape of accounting processes in the following ways:

Firstly, digital transformation has considerably reduced the time and errors associated with manual data entry through the utilization of automated data entry tools, including scanners, Optical Character Recognition (OCR), and Electronic Data Interchange (EDI).

Secondly, digital transformation empowers accountants to access and process financial data in real-time, eliminating the need to wait for the production and delivery of paper-based reports.

Thirdly, digital tools and technologies have significantly enhanced the efficiency and accuracy of the audit process. Auditors can now employ data analysis tools to swiftly analyze and validate vast datasets, promptly identifying anomalies and potential risks.

Lastly, digital transformation has facilitated the transition from paper-based documents to electronic formats, leading to improved efficiency in document storage, retrieval, and sharing, while simultaneously reducing the administrative costs and risks associated with physical documents.

#### ***Application and Advantages of Digital Technology in Accounting Processes***

The application and advantages of digital technology in accounting processes are fundamental to the core of digital transformation. Below are several instances of digital technology applications and their associated benefits in the field of accounting:

##### ***Cloud Computing***

Cloud computing offers flexible, scalable, and secure storage and computing capabilities, granting accounting personnel access to financial data anytime and anywhere, thereby enhancing collaboration efficiency and work flexibility.

##### ***Automation Tools***

Automation tools, such as financial software, electronic payment systems, and bill management platforms, streamline repetitive tasks within accounting processes, reducing the occurrence of human errors, while significantly improving efficiency and accuracy.

##### ***Data Analysis and Business Intelligence***

Data analysis tools and business intelligence systems aid accountants in comprehending and analyzing financial data more effectively, thereby providing deeper insights and informed decision support.

#### ***Impact of Digital Transformation on Accounting Efficiency and Accuracy***

Digital transformation exerts a positive impact on accounting efficiency and accuracy. Through the implementation of automated tools and digital platforms, accounting personnel can process and analyze financial data with greater speed and precision, leading to the following benefits:

##### ***Time Savings***

Digital transformation alleviates the burden of manual operations and data entry, saving valuable time for accountants and allowing them to focus more on analysis and decision support.

##### ***Reduction in Error Rates***

Automated tools and digital platforms minimize the risk of data errors, thus enhancing the overall accuracy of accounting tasks.

##### ***Real-Time Reporting***

Digital transformation empowers accountants to generate and disseminate financial reports in real-time, enabling management to promptly grasp the financial position and operational performance of the enterprise.

##### ***Data and Information Visualization***

Digital transformation provides accountants and management with more intuitive and comprehensible financial information through data analysis and visualization tools, facilitating more informed decision-making processes.

#### ***Summary***

Digital transformation has brought significant changes to the conventional accounting process by introducing automated tools and digital platforms, resulting in improved efficiency and accuracy in accounting work. The application and benefits of digital technology in accounting

processes offer accountants more time and resources to analyze financial data, provide decision support, and achieve timelier and more accurate financial reporting. However, successful digital transformation necessitates enterprises to address concerns regarding data quality, security, organizational culture, and other pertinent issues to ensure the smooth implementation and effective operation of this transformation.

### **Impact of Digital transformation on financial reporting**

Digital transformation has significantly influenced the production, accuracy, timeliness, information disclosure, and transparency of financial reports. This section examines the impact of digital transformation on financial report production and release, analyzes the role of digital tools in enhancing the accuracy and timeliness of financial reports, and discusses the effect of digital transformation on financial information disclosure and transparency.

#### ***The Impact of Digital Transformation on Financial Report Production and Release***

Digital transformation has revolutionized the process of financial report production and release, enhancing efficiency, accuracy, reliability, and traceability.

Initially, digital transformation facilitates more efficient and precise integration and processing of financial data through automated tools and digital platforms. This automation reduces the risks associated with manual operations and data errors by automating the integration of data from diverse departments.

Secondly, real-time recording and processing of financial data are made possible through digital transformation, enabling quicker generation and updating of financial reports. Consequently, management gains timely insights into the financial position and operational performance of the enterprise.

Lastly, digital transformation streamlines the audit process by enabling auditors to utilize data analysis tools and digital audit technology. This expedites the analysis and verification of extensive financial data, thereby enhancing the accuracy and efficiency of audits.

#### ***The Role of Digital Tools in Enhancing Accuracy and Timeliness of Financial Reporting***

Digital tools play a pivotal role in the production and release of financial reports, substantially improving their accuracy and timeliness. Firstly, these tools automatically verify the accuracy and consistency of financial data, mitigating the risk of human error.

Secondly, digital tools, together with data analysis techniques, enable accounting personnel to conduct real-time analysis and monitoring of financial data, promptly detecting anomalies and potential risks. Lastly, these tools can automatically generate financial reports based on preset templates and rules, thereby reducing the time and errors associated with manual report production.

#### ***Impact of Digital Transformation on Financial Information Disclosure and Transparency***

Digital transformation has positively impacted financial information disclosure and transparency, enhancing accessibility, understandability, and promoting enterprise transparency. Enterprises can now conveniently disclose financial information to stakeholders through websites, mobile applications, and other digital platforms, thereby improving the timeliness and convenience of information disclosure.

Digital transformation enables financial reports to be displayed interactively, allowing stakeholders to perform customized data analysis and review reports according to their specific needs and interests. Additionally, digital tools and data visualization technology make financial information easier to comprehend, as stakeholders can intuitively understand the financial situation of enterprises through charts, graphs, and other visual aids.

### ***Summary***

In summary, digital transformation has positively impacted the production, accuracy, timeliness, information disclosure, and transparency of financial reports. By harnessing digital tools and technologies, financial report production and publication have become more efficient and accurate, while also improving reliability and traceability. Moreover, digital transformation has facilitated more convenient disclosure and better understandability of financial information, fostering transparency among enterprises and greater engagement with stakeholders. However, it is essential for enterprises to remain vigilant about data quality, information security, and compliance requirements to ensure the reliability and compliance of financial reports.

### **The Impact of Digital Transformation on Accounting Roles and Responsibilities**

The advent of digital transformation has wielded a profound influence on the roles and responsibilities within the domain of accounting. This section will analyze the alterations digital transformation has induced in the role of accountants, explore its impact on the requisite skill set of accountants, and discuss its implications on the organizational structure and workforce composition of accounting departments.

#### ***Changes in the Role of Accountants Due to Digital Transformation***

Digital transformation has brought about a paradigm shift in the roles and responsibilities of accountants, transcending them from traditional data recorders and reporters to data analysts and strategic partners. Specific changes include:

##### ***Data Analysis and Interpretation***

The essence of digital transformation necessitates accountants to possess enhanced data analysis and interpretation capabilities, enabling them to glean valuable insights from voluminous financial data. This empowers them to effectively interpret and analyze the financial status and operational performance of enterprises.

##### ***Decision Support***

Digital transformation equips accountants to assume a more active role in the strategic decision-making processes within enterprises. They can now contribute decision support and recommendations to management through financial data analysis and predictive modeling.

##### ***Risk Management***

In the realm of digital transformation, accountants are expected to develop a comprehensive understanding of the risks confronting enterprises. They must provide informed suggestions and measures for risk management through rigorous risk assessment and monitoring.

#### ***Impact of Digital Transformation on Skill Requirements of Accounting Personnel***

Digital transformation has presented novel challenges and demands concerning the skill requirements of accounting personnel. Accounting professionals must now possess the following skills and abilities:

##### ***Data Analysis and Data Science***

Accounting personnel must possess proficiencies in data analysis and data science, leveraging data analysis tools and techniques for data mining and insight generation. This facilitates the extraction of valuable business insights and opportunities from data.

##### ***Digital Tools and Technologies***

Adeptness in digital tools and technologies, including financial software, data and information visualization tools, cloud computing, and Big Data analysis, is imperative for accountants. These competencies enhance work efficiency and data processing capabilities.

*Communication and Cooperation*

Digital transformation has enabled accountants to foster improved collaboration with other departments. Understanding their needs and business processes allows them to collaboratively analyze and resolve problems.

*Business Insight and Strategic Thinking*

Accounting personnel must demonstrate expansive business acumen and strategic thinking abilities. They should adeptly identify business opportunities from financial data, furnishing crucial support and counsel for enterprise-wide strategic decisions.

***The Impact of Digital Transformation on the Organizational Structure and Staffing of the Accounting Department***

Digital transformation has also exerted a substantial influence on the organizational structure and staffing of accounting departments. Primarily, it necessitates the establishment of multifunctional teams equipped with specialized knowledge and skills in various fields. This ensures the accounting department is better poised to address the challenges posed by digital transformation. Additionally, digital transformation mandates accountants to engage in continuous learning and skill updates, keeping abreast of digital technology advancements to continually enhance their proficiency. Furthermore, the emphasis on teamwork and collaboration under digital transformation requires accountants to closely engage with other departments, jointly driving the successful implementation of digital transformation initiatives.

***Summary***

The advent of digital transformation has brought about profound changes in the roles and responsibilities of accounting professionals. This transformation has shifted accounting personnel from traditional data recorders and reporters to data analysts and strategic partners, necessitating enhanced capabilities in data analysis, decision support, and risk management. However, it has also posed new challenges to accountants in terms of skill requirements, demanding proficiency in data analysis and science, digital tools and technology, as well as communication and cooperation capabilities. Additionally, the organizational structure and staffing of accounting departments have been impacted by the digital transformation. To address these changes, the establishment of multifunctional teams, a focus on personnel training and development, and strengthened cooperation and collaboration become imperative. By embracing these adjustments, the accounting department can better adapt to the challenges and opportunities presented by the digital era.

**Impact of Digital Transformation on decision support:**

The influence of digital transformation on decision support within the realm of accounting is significant. This section aims to explore the enhancements brought about by digital transformation in accounting decision support capabilities, analyze the application and advantages of digital technology in the decision-making process, and discuss its impact and significance on management decision-making.

***Digital Transformation Enhances the Ability to Support Accounting Decisions***

Digital transformation has notably bolstered accounting decision support, enabling management to make more informed decisions through the provision of accurate and timely financial information and data analysis. This enhancement is evident in the following aspects:

Firstly, digital transformation empowers the accounting department to conduct real-time analysis and monitoring of financial data, swiftly identifying business trends and anomalies, and thus offering real-time decision support to management.

Secondly, digital tools and technologies facilitate the visualization of accounting data through charts, graphs, and other formats, providing management with a more intuitive understanding of financial conditions and operational performance, thereby enhancing decision-making support.

Thirdly, the adoption of digital transformation allows accounting departments to leverage Big data analysis and predictive models for business forecasting and simulation analysis, aiding management in formulating strategies and anticipating future development trends.

#### ***Application and Benefits of Digital Technology in the Decision-Making Process***

The integration of digital technology has played a pivotal role in the decision-making process, as it empowers decision-makers with access to abundant data and sophisticated tools, thereby enhancing the accuracy and efficiency of decision-making. The utilization of Big Data analysis technology in the process of digital transformation enables management to uncover hidden patterns and associations from vast datasets, thereby providing comprehensive business insights and valuable decision support. Naturally, this transformation drives decision-making to be more data-driven, reducing subjective biases and bolstering objectivity and precision. Moreover, digital tools and technologies facilitate accounting departments in their efforts to proactively manage and identify risks, timely recognize potential issues, and offer corresponding decision-making suggestions and measures.

#### ***Impact and Significance of Digital Transformation on Management Decision-Making***

Digital transformation exerts a positive and crucial impact on management decision-making. Firstly, by enabling accounting departments to deliver accurate and timely financial information and data analysis, digital transformation establishes a reliable foundation and support for management decision-making. Secondly, digital tools and technologies have significantly improved the efficiency of data processing and analysis, allowing management to swiftly access and analyze essential information, thereby enhancing the speed and timeliness of decision-making. Lastly, digital transformation empowers the accounting department to provide deeper business insights and predictive analyses, which assist management in making strategic decisions, foreseeing future development trends, and enhancing the enterprise's competitive edge and innovation capabilities.

#### ***Summary***

The advent of digital transformation has substantially enhanced the capacity to support accounting decisions. Leveraging real-time data analysis, data and information visualization, and predictive simulation analysis, digital transformation facilitates intelligent decision-making by management. The application and benefits of digital technology in the decision-making process further elevate the precision and efficiency of decision-making, while providing robust data and tool support. The impact and significance of digital transformation on management decision-making encompass the establishment of a decision-making foundation, reinforcement of decision-making efficiency, and the promotion of strategic decision-making. Through digital transformation, enterprises can effectively leverage financial data and information to bolster decision-making, ultimately enhancing their competitiveness and innovation capabilities.

#### ***Problems and Challenges Faced by Digital Transformation***

The implementation of digital transformation in the accounting field may encounter certain problems and challenges. This section will analyze the potential issues that digital transformation may encounter in accounting implementation, explore the risks associated with data quality and se-

curity brought about by this transformation, and discuss its impact on organizational culture and change management.

### ***Possible Challenges in Implementing Digital Transformation in the Accounting Field***

#### ***Technical Barriers***

The implementation of digital transformation demands the adoption of new technical tools and platforms, thereby raising the technical proficiency requirements for accounting personnel and management. Some enterprises may encounter technical obstacles and difficulties during this process.

#### ***Data Integration***

Digital transformation necessitates the integration of data from different systems and departments, potentially leading to issues such as inconsistent data formats, poor data quality, and data redundancy.

#### ***Organizational Structure and Culture***

Digital transformation requires a redesign and adjustment of the organizational structure, which may result in collaboration and communication disorders between departments, as well as adaptation challenges regarding new roles and responsibilities.

#### ***Change Management***

Digital transformation is a complex process of change that may be met with resistance and maladjustment from employees, posing various challenges for change management.

### ***Data Quality and Security Risks Associated with Digital Transformation***

Digital transformation introduces data quality and security risks that demand careful attention and resolution from enterprises. Firstly, concerns arise regarding data quality. The process of digital transformation involves extensive data collection, integration, and analysis. Consequently, ensuring the accuracy, consistency, and integrity of data, while preventing data errors and inaccurate analysis results, becomes imperative.

Moreover, data security becomes a prominent issue. As digital transformation exposes enterprises to increased data security risks, such as data breaches, data loss, and network attacks, they must implement effective security and protection measures to safeguard financial data and customer information.

Furthermore, compliance requirements present additional challenges. Adherence to relevant laws, regulations, and compliance requirements, including data privacy protection and data storage and transfer compliance, becomes essential. Enterprises must ensure that the digital transformation process and outcomes align with pertinent compliance mandates.

### ***Impact of Digital Transformation on Organizational Culture and Change Management***

Digital transformation significantly influences and challenges organizational culture and change management. Firstly, it impacts organizational culture, necessitating the establishment of an open, innovative, and data-driven culture within enterprises. Encouraging employees to embrace and adapt to the use of digital tools and technologies and fostering the actualization and development of digital culture becomes essential objectives.

In addition, effective change management plays a vital role. As digital transformation is a multifaceted change process, enterprises need to implement effective change management strategies, including defining clear goals and strategies, providing staff training and education, and facilitating communication and collaboration with stakeholders. These actions are crucial to ensuring the seamless implementation and successful integration of digital transformation.

### ***Summary***

The implementation of digital transformation in the accounting field presents several challenges, encompassing technical barriers, data integration, adjustments to organizational structure and culture, and change management challenges. Additionally, digital transformation introduces data quality and security risks, which necessitate appropriate measures to uphold data accuracy, integrity, and security. Moreover, digital transformation significantly influences organizational culture and change management, underscoring the need to cultivate a culture conducive to digital transformation and execute effective change management strategies to ensure its smooth implementation and successful integration.

### **Conclusion**

Digital transformation has exerted a profound impact on enterprise accounting, yielding considerable advantages. By integrating digital technologies and tools, it has enhanced the efficiency and precision of accounting procedures while bolstering decision-making capabilities within accounting departments. Specifically, the accounting process has been redefined through digital transformation, diminishing the time and errors associated with manual operations and data entry. The application of digital technology empowers accounting personnel to access and process financial data in real-time, facilitating more precise analyses and predictions. Furthermore, digital transformation has fostered greater financial information disclosure and transparency, augmenting stakeholder participation and comprehension.

In conclusion, digital transformation plays a pivotal role in enhancing accounting efficiency, accuracy, and decision support capabilities. By harnessing automated tools and digital platforms, accounting departments can expedite the processing and analysis of financial data, thereby economizing time and minimizing errors. Moreover, digital transformation provides accountants with additional time and resources to engage in data analysis and decision support, thereby aiding management in making informed choices. Additionally, digital transformation has elevated the accuracy and timeliness of financial reports, while promoting financial information transparency, corporate compliance, and reputation management.

Future research could delve into the following avenues and suggestions:

First, conduct an in-depth investigation into the shifts in roles and responsibilities of accountants precipitated by digital transformation. This inquiry should analyze the impact of digital transformation on the skill requirements and training of accounting personnel, while exploring its effects on their professional development and advancement.

Second, study the implementation and varying effects of digital transformation in distinct industries and enterprises of different scales. Investigate the challenges and opportunities associated with digital transformation in diverse industries and enterprise sizes, while gleaning insights from successful experiences and lessons in the digital transformation process.

Third, explore the amalgamation of digital transformation with emerging technologies like artificial intelligence and blockchain, to unlock wider applications of digital transformation in the accounting realm, thus bolstering efficiency, accuracy, and security.

Fourth, place emphasis on comprehending the impact of digital transformation on organizational culture and change management. Research endeavors should aim to establish a culture of digital transformation that encourages employees to embrace and adapt to the usage of digital tools and technologies, while uncovering best practices and strategies for change management.

To summarize, digital transformation has made a profound and beneficial impact on enterprise accounting, elevating accounting efficiency, accuracy, and decision support capabilities. Enterprises must recognize the significance of digital transformation and address challenges in the implementation process to achieve successful and sustainable digital transformation.

### References

- Guerra, J. M. M., et al. (2023). The impact of digital transformation on talent management. *Technological Forecasting and Social Change*, 188, 122291.
- Guo, Z. (2023). Analysis on the Practice of Enterprise Management Accounting Tools from the Perspective of Digital Transformation. *The Chinese Market*, (15), 149-152.
- Huang, W., & Li, S. (2023). Digital transformation, senior executives' cognitive ability and enterprise investment efficiency. *Scientific Decision Making*, (03), 83-98.
- Huang, D., Xie, H., Zou, M., & Meng, X. (2023). The impact of digital transformation on the level of assumption of risk of enterprises - mechanism and channel. *Technological Progress and Countermeasures*, 40(11), 1-10.
- Hung, B. Q., et al. (2023). Advancement of cloud-based accounting effectiveness, decision-making quality, and firm performance through digital transformation and digital leadership: Empirical evidence from Vietnam.
- Li, Q., Liu, L., & Shao, J. (2021). Digital transformation, supply chain integration, and enterprise performance - the moderating effect of entrepreneurship. *Economic Management*, 43(10), 5-23.
- Li, S., et al. (2023). Exploring the effect of digital transformation on firms' innovation performance. *Journal of Innovation & Knowledge*, 8(1), 100317.
- Li, W., & Zheng, W. (2023). Transformation of digitalization and specialization models and risks to enterprise survival. *Scientific Decision Making*, (05), 64-78.
- Li, J. (2023). The impact of digital transformation on corporate financial performance. *Frontiers of International Accounting*, 12, 184.
- Luo, J., & Wu, Y. (2021). Digital operation level and real earnings management. *Management Science*, 34(4), 3-18.
- Lu, X. (2023). The impact of digital transformation on business risk and its mechanism: based on empirical evidence of Chinese A-share listed companies. *Journal of Beijing Normal University (Social Sciences Edition)*, (3), 66-76.
- Melo, I. C., et al. (2023). Sustainable digital transformation in small and medium enterprises (SMEs): A review on performance.
- Wang, X., Chen, X., Cao, J., Hu, L. (2023). The impact of digital transformation on high-quality development of enterprises - from the perspective of enterprise innovation and assumption of risk. *Technological Progress and Countermeasures*, 1-10.
- Wu, J., Chen, T., Gong, Y., & Yang, Y. (2021). The theoretical framework and research prospect of enterprise digital transformation. *Journal of Management*, 18(12), 1871.
- Yang, S., & Wang, K. (2023). Can digital technology improve corporate performance? Micro evidence from Zhongguancun Haidian Science and Technology Park. *Research Management*, 44(1), 26.
- Zeng, D., Cai, J., & Ouyang, T. (2021). Research on Digital Transformation: Integration Framework and Future Outlook. *Foreign Economics and Management*, 43(5), 63-76.