

Research on the High-Quality Development of the Distinctive Health and Pharmaceutical Industry

ZhiYi Tang

Southwest Petroleum University of Economics and Management, Chengdu, 610500, China

Email: 2542051325@qq.com

How to cite this paper: Tang, Z. Y. (2026). Research on the High-Quality Development of the Distinctive Health and Pharmaceutical Industry. *Economics & Business Management*, 4(3), 23-35. ISSN Print: 3079-5214; ISSN Online: 3079-5222.

<https://doi.org/10.63313/EBM.9146>

Published: 2026-02-10

Copyright © 2026 by author(s) and

Erytis Publishing Limited.

This work is licensed under the Creative

Commons Attribution International

License (CC BY 4.0).

<http://creativecommons.org/licenses/by/4.0/>



Abstract

Under the background of the new development philosophy and the Healthy China strategy, the distinctive health and pharmaceutical industry has become an important carrier for promoting regional industrial transformation and improving public health supply. Existing studies have explored the connotation, driving mechanisms, and evaluation measurement of high-quality development in areas such as the traditional Chinese medicine (TCM) health industry, biopharmaceuticals, and ethnic medicine. However, shortcomings remain in terms of conceptual boundaries, mechanism explanations, and the adaptation to provincial contexts. This paper systematically reviews related domestic and international literature. From management perspectives such as the resource-based view and dynamic capabilities, industrial ecosystems and value-chain co-ordination, and institutional environment and policy instruments, it summarizes key findings on the high-quality development of the distinctive health and pharmaceutical industry and comparatively discusses evaluation dimensions and comprehensive evaluation methods. On this basis, considering Sichuan's resource endowments and industrial characteristics, the paper clarifies the connotation of high-quality development of the distinctive health and pharmaceutical industry and constructs an evaluation framework covering industrial development foundation, development momentum, development efficiency, and development environment, providing theoretical foundations and tool support for policy optimization and management practice in Sichuan's distinctive health and pharmaceutical industry.

Keywords

Distinctive health and pharmaceutical industry; high-quality development; literature review; evaluation indicator system; Sichuan Province

1. Introduction

1.1. Research Background

In the report to the 20th National Congress of the Communist Party of China (CPC), General Secretary Xi Jinping emphasized the need to promote the inheritance, innovation, and development of traditional Chinese medicine (TCM) and to advance

the building of a Healthy China. Relying on its profound traditional cultural heritage and distinctive medical theoretical system, the distinctive TCM health industry has become an important force in driving innovation and development in the sector. It is also a key support for adjusting the structure of the pharmaceutical industry, promoting economic transformation and upgrading, and enhancing national competitiveness. High-quality development of the distinctive TCM health industry requires systematic support in areas such as scientific research, standards, and talent training. This is of great significance for realizing sustainable economic and social development. While upholding fundamental principles and pursuing innovation, the distinctive TCM health industry demonstrates enormous potential and vitality, providing unique solutions for the Healthy China initiative. In 2025, the communiqué of the Fourth Plenary Session of the 20th CPC Central Committee clearly pointed out the need to build a modern industrial system, adhere to the directions of intelligence, greenness, and integration, comprehensively enhance independent innovation capability, and accelerate the building of a Healthy China. The “Recommendations of the CPC Central Committee on Formulating the 15th Five-Year Plan for National Economic and Social Development” further emphasized the implementation of a health-priority development strategy, advancing TCM inheritance and innovation, and promoting the integration of Chinese and Western medicine.

The Sichuan Provincial Government attaches great importance to the development of the distinctive health and pharmaceutical industry. Sichuan ranks first nationwide in both the number of TCM resource varieties and the number of geo-authentic medicinal materials. Its processed TCM slices industry ranks second nationwide, and its Chinese patent medicine industry ranks fourth. Sichuan has built the largest variety of TCM raw material bases in China. In 2023, the operating revenue of the TCM manufacturing sector within Sichuan’s high-tech industries reached RMB 121.03 billion, down 0.35% year-on-year; profits reached RMB 19.195 billion, up 12.29% year-on-year, accounting for 12.99% of the province’s total. The number of pharmaceutical manufacturing enterprises ranked second in the province, reaching 558, an increase of 2.01% year-on-year. Employment absorbed reached 120,800 people, up 1.16% year-on-year, accounting for 10.14% of the province’s total.

1.2. Research Significance

(1) Theoretical Significance

This study focuses on the high-quality development of Sichuan’s distinctive health and pharmaceutical industry. It aims to construct a scientific and reasonable evaluation system and to conduct systematic assessments based on it, thereby providing new perspectives and empirical evidence for theoretical research in this field. At the theoretical level, the study deepens the application of the “high-quality development” concept in the health and pharmaceutical industry. In particular,

when constructing the theoretical framework across four dimensions—industrial development foundation, development momentum, development efficiency, and development environment—it innovatively integrates regional economic characteristics with industry realities to form evaluation standards and a theoretical model with Sichuan characteristics. Moreover, by building a comprehensive evaluation indicator system, this study offers new theoretical interpretations of key issues in industrial development and contributes to the development and improvement of the theoretical system of high-quality industrial development.

(2) Practical Significance

At the practical level, this study provides important guidance for the high-quality development of Sichuan's distinctive health and pharmaceutical industry. First, by constructing a comprehensive evaluation system, it offers Sichuan's government, enterprises, and relevant decision-makers an accurate analysis of the industry's current development status and policy recommendations. Second, through a systematic analysis of the current situation and potential problems of Sichuan's distinctive health and pharmaceutical industry, the study proposes specific measures to enhance high-quality development. These measures help strengthen technological innovation and improve the efficiency of resource allocation, promote sustainable industrial development, and provide theoretical foundations and practical guidance for future policy optimization and strategic adjustments in industry development. In turn, this supports the realization of the Healthy China strategy and promotes high-quality development of Sichuan's distinctive health and pharmaceutical industry.

1.3. Research Content

(1) By reviewing the existing research foundation, this study defines the connotation and content of high-quality development of Sichuan's distinctive health and pharmaceutical industry and analyzes the achievements made in its high-quality development.

(2) It constructs a scientific and reasonable evaluation indicator system for the high-quality development of Sichuan's distinctive health and pharmaceutical industry. The system comprehensively considers four core components: development foundation, development momentum, development efficiency, and development environment, aiming to fully reflect the transformation of the industry from high-speed growth to high-quality development.

(3) Using comprehensive evaluation methods, the constructed indicator system is measured to quantitatively assess the overall level and key issues of high-quality development in Sichuan's health and pharmaceutical industry.

2. Connotation Definition

2.1. Definition of Related Concepts

2.1.1. Connotation of High-Quality Industrial Development

(1) Connotation of “High Quality”

High-quality development was first proposed as a new expression at the 19th National Congress of the CPC in 2017, indicating that China’s economy has shifted from a stage of high-speed growth to a stage of high-quality development. General Secretary Xi Jinping pointed out: “High-quality development refers to development that can well satisfy the people’s ever-growing needs for a better life; it is development that embodies the new development philosophy; it is development in which innovation becomes the first driving force, coordination becomes an endogenous feature, greenness becomes a universal form, openness becomes the inevitable path, and sharing becomes the fundamental purpose.” In 2020, in the Explanation on the “Recommendations of the CPC Central Committee on Formulating the 14th Five-Year Plan for National Economic and Social Development and the Long-Range Objectives Through the Year 2035,” Xi Jinping stated that “all fields including the economy, society, culture, and ecology must embody the requirements of high-quality development.” The report to the 20th National Congress pointed out that high-quality development is the primary task of building a modern socialist country in all respects. In October 2025, the “Recommendations of the CPC Central Committee on Formulating the 15th Five-Year Plan for National Economic and Social Development,” adopted at the Fourth Plenary Session of the 20th CPC Central Committee, reaffirmed the central position of high-quality development in the overall national development agenda and clearly identified it as the primary goal for economic and social development during the “15th Five-Year Plan” period. The connotation of high-quality development is rich, covering multiple dimensions such as economic development, people’s well-being, green ecology, security, coordinated development, and open development.

(2) Connotation of High-Quality Industrial Development

High-quality industrial development is a further derivative of the concept of high-quality development. It aims to promote industrial transformation and upgrading, enhance industrial competitiveness, and achieve sustainable development across economic, social, and environmental dimensions. In this framework, high-quality industrial development refers to the optimization and upgrading of industrial sectors and industrial chains, breaking away from the traditional “low-cost, high-speed” development model and moving toward high-quality development, thereby enabling sustainable growth of the industrial economy. Its core lies in improving quality and efficiency through green development, innovation-driven development, and intelligent transformation, to satisfy the people’s increasing demand for a better life with higher quality, while emphasizing coordinated development between the ecological environment and the economy and society. High-quality development emphasizes comprehensive coordination of the macro economy, society, and ecosystems; high-quality industry is a concrete manifestation

of high-quality development, focusing on transformation, upgrading, and practical application in the industrial field, and centering on how to achieve this goal through structural optimization and technological innovation.

2.1.2. Connotation of High-Quality Development of the Distinctive Health and Pharmaceutical Industry

The essence of high-quality development of Sichuan's distinctive health and pharmaceutical industry is a comprehensive transformation and upgrading process: taking industrial foundational capabilities as the fundamental support, innovation-driven development as the core momentum, total factor productivity improvement as the efficiency hallmark, and a sustainable development environment as the institutional guarantee. Its core connotation includes four dimensions: first, a solid industrial development foundation as the basic prerequisite. High-quality development requires a sound industrial scale system and value creation capability as support, specifically reflected in coordinated improvements of foundational indicators such as the agglomeration of pharmaceutical manufacturing enterprises, the proportion of high-tech TCM enterprises, and the output value of medicinal material cultivation and processing, thereby forming an integrated industrial chain and supply chain system. Second, sustained innovation momentum and talent support as the core driver. The key lies in talent reserves and innovation capability building, requiring continuous investment in talent resources such as practicing TCM physicians, professional teachers in the pharmaceutical field, and R&D personnel, as well as the continuous emergence of innovation outputs such as new product development, invention patents, and technical standards. Third, efficient resource allocation and operational efficiency as a prominent feature. High-quality development is reflected in optimized resource allocation and efficient facility utilization, including sustained improvements in efficiency indicators such as high-level talent effectiveness, medical equipment utilization rates, and TCM service coverage, thereby achieving intensive growth. Fourth, a favorable development environment as an important guarantee. High-quality development requires strong support from digital infrastructure and fiscal policies, fostering an institutional environment conducive to industrial upgrading through digital construction (e.g., internet access, enterprise informatization management, and e-commerce application) as well as government health expenditure and fiscal investment in the industry.

3. Literature Review

3.1. Research on the Connotation of High-Quality Development of the Distinctive Health and Pharmaceutical Industry

Scholars generally believe that high-quality development of the distinctive health and pharmaceutical industry is a development form guided by the new development philosophy, aiming to better meet people's multi-level health needs, and achieving

synergistic improvement in quality, efficiency, and sustainability (Huang Juan, 2024; Li Xingchen et al., 2025). The “big health” concept provides an overarching framework for the high-quality development of health and pharmaceutical-related industries (Hai Qingshan and Jin Yaju, 2017). Existing literature on the high-quality development of the TCM industry tends to emphasize paths while underemphasizing connotation; strategies should be constructed only after clarifying the connotation (Jiang Weiyan and Zhang Delin, 2023). The TCM health industry can realize development modes, structures, and drivers that are innovative, coordinated, green, open, and shared. Elements such as innovation, technology, talent, and capital are more concentrated in the TCM industry, thereby meeting people’s needs for a better life through high-quality TCM products and services (Ma Jifei and Zhang Wenlong, 2023; Zhang Lin et al., 2024). Research emphasizes that high-quality development of the TCM industry should both meet people’s diversified and multi-level health needs and realize green and low-carbon development and the improvement of the industrial chain, and on this basis move toward high-end, intelligent, and international development (Feng Si, 2022; Zhang Lin et al., 2024). High-quality development of the TCM health industry has been further summarized as taking quality priority, efficiency improvement, and structural optimization as the core, relying on technological innovation and high-quality composite talents to realize comprehensive transformation and upgrading (Li Xingchen et al., 2025; Sun Qi and Li Yong, 2025). Scholars generally believe that the pharmaceutical industry should, on the basis of economic benefits, also consider structural optimization, technological innovation, social benefits, cooperation and sharing; innovation development and technology markets are regarded as key to grasping the trend of high-quality development in the pharmaceutical industry (Chen Jiayi and Liu Qinmin, 2025; Tan Qingli et al., 2025; Chen Jingjing and Zhang Chao, 2025; Liu Yaqin et al., 2024; Li Guigui et al., 2024). Meanwhile, the distinctive health and pharmaceutical industry on the one hand emphasizes leveraging policy advantages to promote ethnic medicines such as Miao medicine to form regional competitive advantages (Liu Shaohuan et al., 2023); on the other hand, it incorporates high-quality development of the medicinal materials industry into the frameworks of rural revitalization and industrial poverty alleviation, highlighting the integrated functions of resource conditions, brand building, green development, and shared development. It also enhances regional TCM health service capacity through improved TCM support environments, medical resources, inheritance and innovation, and service utilization capabilities, while relying on R&D investment and talent development to promote the TCM industry toward high-quality development (Li Yan, 2025; Liu Jing et al., 2025; Jiang Cheng and Li Shunxiang, 2021).

3.2. Research on the Evaluation of High-Quality Development of the Distinctive Health and Pharmaceutical Industry

(1) Evaluation Dimensions

Scholars generally advocate taking the new development philosophy as the value thread, transforming overall requirements such as innovation, coordination, greenness, openness, and sharing into evaluation dimensions for the distinctive health and pharmaceutical industry, and constructing a multidimensional system with industry characteristics (Zhang Mingjing and Zhang Mingjiu, 2021; Ma Jifei and Zhang Wenlong, 2023; Chen Leilan, 2023; Huang Juan, 2024; Li Yan, 2025; Chen Ning and Dong Yanting, 2023). Some studies directly embed the new development philosophy into the indicator system of the TCM health industry and summarize the development connotation into several interlinked dimensions (Ma Jifei and Zhang Wenlong, 2023). Others construct systems highlighting the TCM industry's resource advantages and competitiveness improvement (Zhang Lin et al., 2024), while incorporating green development, innovation efficiency, and talent factors into evaluation content to reflect the overall level of the TCM industry (Feng Si, 2022). Dimension design often revolves around economic and scale benefits, human and capital inputs, sustainable development, and social responsibility, emphasizing measuring high-quality development along a complete chain of input, output, risk, and social benefits (Tan Qingli et al., 2025; Chen Jingjing and Zhang Chao, 2025; Li Guigui et al., 2024). Evaluation of the health and pharmaceutical industry focuses on the match between service capacity and resource endowments, emphasizing synergy between TCM support environments and medical resources. Provincial evaluations reflect the overall operation of the health and pharmaceutical system through dimensions such as medical services and the pharmaceutical industry, and introduce expert judgment and threshold control in indicator construction to ensure scientific rigor and operability (Liu Jing et al., 2025; Liu Shaohuan et al., 2023; Li Yan, 2025; Wei Tao, 2024; Chen Ning and Dong Yanting, 2023).

(2) Comprehensive Evaluation Methods

Scholars commonly adopt objective weighting methods represented by the entropy method, combined with techniques such as TOPSIS, cluster analysis, and grey relational analysis to conduct comprehensive evaluations of high-quality development of the distinctive health and pharmaceutical industry. These are complemented by the Delphi method, analytic hierarchy process, and combined subjective – objective weighting to improve indicator selection and weight setting (Wei Min and Li Shuhao, 2018; Liu Mingyuan, 2021; Ma Jifei and Zhang Wenlong, 2023; Wei Tao, 2024; Jiang Wenwen and He Chao, 2025; Chen Jingjing and Zhang Chao, 2025; Tan Qingli et al., 2025; Gao Chongmin et al., 2022; Chen Ning and Dong Yanting, 2023; Liu Jing et al., 2025). In objective weighting and comprehensive evaluation, the entropy method is used to assign weights to TCM health industry indicators, and TOPSIS is applied to score industry development quality, or grey relational analysis is combined to identify key influencing factors (Ma Jifei and Zhang Wenlong, 2023; Chen Jingjing and Zhang Chao, 2025; Tan Qingli et al., 2025; Liu Mingyuan, 2021). The Delphi method and threshold method are widely used in the

health and pharmaceutical field; through expert consultation and threshold screening, they ensure scientific indicator selection and can be integrated with objective weighting results to enhance robustness and interpretability (Gao Chongmin et al., 2022; Chen Ning and Dong Yanting, 2023; Liu Jing et al., 2025). In identifying spatial differences and types, methods such as the Dagum Gini coefficient, hierarchical clustering, and cluster analysis are used to classify regional development types and reveal sources of regional differences—for example, using an “entropy – clustering” combination to identify development types of the TCM health industry, and using the Dagum Gini coefficient with comprehensive evaluation to depict development levels and regional differences of the medicinal materials industry (Ma Jifei and Zhang Wenlong, 2023; Li Yan, 2025; Wei Tao, 2024).

3.3. Literature Commentary

Based on the above studies, existing literature has discussed high-quality industrial development from multiple angles, including the TCM health industry, the pharmaceutical industry, ethnic medicine, and the medicinal materials industry. However, the connotation of the high-quality development of Sichuan’s distinctive health and pharmaceutical industry has not been adequately defined. Moreover, a coherent account that balances regional characteristics with the inherent logic of industrial development has yet to be established. Therefore, this project defines the connotation of high-quality development of Sichuan’s distinctive health and pharmaceutical industry to provide a theoretical basis for constructing an evaluation indicator system.

From the perspective of evaluation systems, existing research outcomes mostly focus on a national viewpoint. Systematic and highly targeted evaluation research on Sichuan’s distinctive health and pharmaceutical industry as a specific object is still relatively insufficient, and an evaluation framework highly consistent with its connotation has not yet been established. In addition, many studies only construct indicator systems without verifying feasibility. Accordingly, this project takes Sichuan’s distinctive health and pharmaceutical industry as the research object. Based on the definition of connotation, this study constructs an evaluation system that aligns with Sichuan’s regional realities and industrial characteristics. It then conducts an empirical analysis using comprehensive evaluation methods, thereby providing more targeted theoretical and practical support for optimizing policies aimed at the high-quality development of Sichuan’s distinctive health and pharmaceutical industry.

4. Theoretical Basis and Research Methods

4.1. Theoretical Basis

4.1.1. Theory of High-Quality Industrial Development

At present, the global economic landscape is undergoing profound changes, and China has entered a new development stage. Promoting industrial transformation and upgrading has become a key path to achieving high-quality development. The transition from low value-added to high value-added, from extensive growth to intensive development, and from factor-driven to innovation-driven growth hinges on fundamental improvements in quality, efficiency, and momentum. The key lies in fundamental changes in industrial structure, development drivers, and production efficiency, thereby building a more competitive and sustainable industrial system. Improving the science and technology innovation system, building a modern industrial system, and proactively planning emerging industries and future industries are internal requirements of high-quality development. Therefore, high-quality industrial development needs to consider comprehensive development in aspects such as industrial structure, industrial momentum, industrial efficiency, and industrial environment.

4.1.2. Basic Theory of Comprehensive Evaluation

Comprehensive evaluation is an interdisciplinary research field involving many theories and methods, mainly including information management theory, systems science theory, and scientific management and decision-making theory.

(1) Information Management Theory

The comprehensive evaluation process involves a large amount of information. Evaluation information mainly includes three aspects: information about the evaluation subject, information about the evaluation object, and information about the evaluation environment. In the process of comprehensive evaluation, the effectiveness of information is closely related to the evaluation outcome. In a broad sense, comprehensive evaluation is a process of using and integrating information. This process includes a series of activities such as information collection, organization, analysis, storage, transmission, and use, with information utilization and integration permeating the entire process. Information management has two levels: one is macro-level information management, including the management of information policy, information systems, and information markets; the other is micro-level information management, such as information collection, organization, storage, retrieval, transmission, and utilization (Ma Feicheng and Li Gang, 2001).

(2) Systems Science Theory

Any research object can be regarded as an integrated system containing multiple elements and parts, and the system is in continuous change. In comprehensive evaluation, both evaluation activities and evaluation objects can be viewed as complex systems; therefore, systems theory can be used for analysis. The comprehensive evaluation process can be considered a systems engineering process in which the evaluation system evaluates the evaluation object (Fan Shanshan, 2023).

4.2. Research Methods

To achieve the research objectives, this study employs a combination of multiple research methods:

(1) Descriptive Statistical Analysis. It systematically organizes and mines features from macro statistical data, enterprise survey data, and policy text data related to Sichuan's health and pharmaceutical industry, aiming to objectively present the basic situation of industrial development such as overall scale, structural characteristics, benefit status, and innovation vitality, thereby laying a factual foundation for subsequent in-depth analysis.

(2) Constructing the evaluation indicator system based on the principle of combining theoretical analysis with policy analysis. Based on theories related to high-quality industrial development, the basic evaluation dimensions are established. By deeply interpreting national- and Sichuan-level plans and policy documents that promote the development of the health and pharmaceutical industry, the indicator system is ensured to be both theoretically forward-looking and closely aligned with local practical needs.

Based on the above theoretical analysis, this project finally determines the evaluation indicator system for the high-quality development of Sichuan Province's distinctive health and pharmaceutical industry as shown in Table 4-1:

Table 1. High-Quality Indicator System for the Distinctive Health and Pharmaceutical Industry

First-level Indicators	Second-level Indicators	Specific Indicator Name	Attribute
Industrial Development Foundation	Industrial Value	Proportion of enterprises engaged in processed TCM slices and Chinese patent medicine production (%)	Positive
		Output of Chinese patent medicines (10,000 tons)	Positive
	Industrial Scale	Total number of pharmaceutical manufacturing enterprises (units)	Positive
		Proportion of industrial output value of pharmaceutical manufacturing (%)	Positive
Industrial Development Momentum	Talent Momentum	Total number of R&D employees in manufacturing enterprises (persons)	Positive
		Proportion of employees in pharmaceutical manufacturing (%)	Positive
	Innovation Momentum	Total number of published papers related to pharmaceuticals (articles)	Positive
		Number of new product development projects in	Positive

		pharmaceutical manufacturing (items)	
--	--	---	--

Table 1. High-Quality Indicator System for the Distinctive Health and Pharmaceutical Industry(continued)

First-level Indicators	Second-level Indicators	Specific Indicator Name	Attribute
Industrial Development Efficiency	Asset – Revenue Efficiency	Operating revenue of pharmaceutical manufacturing / total assets of pharmaceutical manufacturing	Positive
	Labor Productivity Efficiency	Operating revenue of pharmaceutical manufacturing / employees in pharmaceutical manufacturing (yuan/person)	Positive
	Medical Service Efficiency	Proportion of TCM diagnosis and treatment visits (%)	Positive
	Equipment Utilization Efficiency	Bed utilization rate in TCM hospitals (%)	Positive
Industrial Development Environment	Policy Support Environment	Number of Sichuan policy items related to TCM (items)	Positive
	Fiscal Support Environment	Government-originated R&D funds in pharmaceutical manufacturing (10,000 yuan)	Positive
		Proportion of health expenditure (%)	Positive
	Information Infrastructure	Broadband internet access ports (10,000 ports)	Positive

Project Support

Key Project approved under the 24th (2025–2026) Extracurricular Open Laboratory Program of Southwest Petroleum University

School: School of Economics and Management (MBA Education Center)

Project No.: 2024KSZ10013

Project Title: Measurement of the High-Quality Development Level of Sichuan Province's Health and Pharmaceutical Industry and Analysis of Regional Differences

References

- [1] Ma Jifei, Zhang Wenlong. Research on the high-quality development of the traditional Chinese medicine (TCM) health industry in the Guangdong–Hong Kong–Macao Greater Bay Area [J]. Health Economics Research, 2023, 40(04): 24–27, 33.
- [2] Jiang Weiyan, Zhang Delin. Analysis of the connotation of high-quality development of the TCM industry and path selection [J]. Journal of Jiangxi University of Chinese Medicine, 2023, 35(06): 109–112.
- [3] Zhang Pengfei. An exploration of the evaluation system and development paths for high-quality development of the TCM industry [J]. Industrial Innovation Research, 2025(01): 104–106.

- [4] Zhang Mingjing, Zhang Mingjiu. Discussion on the evaluation indicator system for high-quality development of the TCM industry [J]. Industry and Technology Forum, 2021, 20(05): 12–15.
- [5] Wei Min, Li Shuhao. Measurement of China's high-quality economic development level in the new era [J]. The Journal of Quantitative & Technical Economics, 2018, 35(11): 3–20.
- [6] Ren Baoping, Li Yumo. Constructing an evaluation system for high-quality development in China's new era and its transformation path [J]. Journal of Shaanxi Normal University (Philosophy and Social Sciences Edition), 2018, 47(03): 105–113.
- [7] Li Jinchang, Shi Longmei, Xu Aiting. Discussion on the evaluation indicator system for high-quality development [J]. Statistical Research, 2019, 36(01): 4–14.
- [8] Wei Tao. Construction and empirical study of an evaluation indicator system for China's provincial health industry [J]. Statistics & Decision, 2024, 40(12): 87–91.
- [9] Liu Mingyuan. Construction and empirical research on an evaluation indicator system for high-quality industrial development in China [J]. Journal of Shijiazhuang University, 2021, 23(04): 55–62.
- [10] Chen Jiayi, Liu Qinmin. Paths to improve the high-quality development of the TCM cultural industry in the Guangdong–Hong Kong–Macao Greater Bay Area [J]. Soft Science of Health, 2025, 39(10): 1–6.
- [11] Chen Jingjing, Zhang Chao. Performance evaluation of high-quality development in the biopharmaceutical industry [J]. Business Observation, 2025, 11(28): 16–19.
- [12] Li Yan. Measuring the level of high-quality development of the Chinese medicinal materials industry in Sichuan Province [J]. Commercial Economy, 2025(07): 74–77, 179.
- [13] Tan Qingli, Zhu Jinjing, Huang Ziran. Assessment and countermeasures for the high-quality development of Guangdong's biopharmaceutical industry [J]. China Science & Technology Resources Review, 2025, 57(02): 94–104.
- [14] Li Guigui, Li Meng, Wang Ying, et al. A 10-year retrospective analysis of China's pharmaceutical industry and development suggestions [J]. China Pharmaceuticals, 2024, 33(24): 1–11.
- [15] Jin Bei. Economic research on “high-quality development” [J]. China Industrial Economics, 2018(04): 5–18.
- [16] Jiang Wenwen, He Chao. Evaluation of mechanisms for realizing the value of ecological products under the background of high-quality development [J]. Journal of Beijing Forestry University (Social Sciences), 2025(05): 1–10.
- [17] Li Xingchen, Fan Taotao, Chen Xiangru, et al. High-quality development of the TCM health industry driven by new-quality productive forces [J]. Soft Science of Health, 2025, 39(07): 17–23.
- [18] Sun Qi, Li Yong. New-quality productive forces empowering high-quality development of the pharmaceutical industry: theoretical logic and practical paths [J]. Chinese Journal of New Drugs, 2025, 34(05): 465–472.
- [19] Huang Juan. Reflections on high-quality development of the health industry in the context of Chinese modernization [J]. Enterprise Economy, 2024, 43(12): 5–13, 2.
- [20] Liu Yaqin, Zhang Mengxiao, Chu Zhan, et al. Optimizing the innovation policy environment to support high-quality development of the pharmaceutical industry: an analysis and reflections on China's drug R&D innovation trends [J]. Price: Theory & Practice, 2024(05): 82–86, 222.
- [21] Liu Shaohuan, Luo Qinyu, Liang Yuyan, et al. Current development status and reflections on the Miao medicine industry in Sichuan [J]. Chinese Medicinal Materials, 2023, 46(04): 801–805.
- [22] Jiang Cheng, Li Shunxiang. Reflections on the high-quality development of the TCM industry [J]. People's Tribune, 2021(03): 92–93.
- [23] Feng Si. Research on high-quality development of traditional Chinese medicine industry

- [J]. *Economic Problems*, 2022(06): 94–102.
- [24] Chen Yingjie, Yang Ye. Theoretical logic and realization paths of new-quality productive forces enabling high-quality development of the TCM industry [J]. *Modern Management Science*, 2025(03): 90–97.
- [25] Chen Ning, Dong Yanting. Research on constructing an indicator system for high-quality development of the “big health” industry in Liaoning [J]. *Soft Science of Health*, 2023, 37(04): 20–23.
- [26] Chen Leilan. Evaluation indicator system and measurement of high-quality industrial development in China [J]. *Science and Technology Innovation and Productivity*, 2023(02): 40–43, 47.
- [27] Gao Chongmin, Huang Jie, Xu Zhongyu, et al. Construction of an evaluation indicator system for high-quality development of rural characteristic industries in Guangxi [J]. *Journal of Southern Agriculture*, 2022, 53(08): 2373–2382.
- [28] Hai Qingshan, Jin Yaju. The connotation and basic characteristics of the “big health” concept [J]. *Journal of Traditional Chinese Medicine*, 2017, 58(13): 1085–1088.
- [29] Liu Jing, Zhao Yang, Sun Ying, et al. Exploration of constructing an evaluation indicator system for regional TCM health service capacity [J]. *Chinese Health Economics*, 2025, 44(10): 75–79.
- [30] Zhang Lin, Ren Hongli, Liu Hongning. Connotation, evaluation system, and basic paths for high-quality development of the TCM industry [J]. *New Chinese Medicine*, 2024, 56(15): 181–188.
- [31] Ma Feicheng, Li Gang. *Information Resource Management* [M]. Wuhan: Wuhan University Press, 2001.
- [32] Fan Shanshan. An analysis of Weinberg’s view of natural laws based on systems science theory [J]. *Journal of Systems Science*, 2023, 31(3): 89–93.