
AI translation · View original & related papers at
chinaxiv.org/items/chinaxiv-202311.00180

The Contemporary Value of Excellent Traditional Chinese Culture: Postprint

Authors: Gong Wen

Date: 2023-11-07T10:52:02+00:00

Abstract

[Purpose/Significance] On June 2, 2023, Xi Jinping, General Secretary of the CPC Central Committee, President of the People's Republic of China, and Chairman of the Central Military Commission, attended the Symposium on Cultural Inheritance and Development in Beijing and delivered an important speech, making significant elaborations on Chinese civilization and fine traditional Chinese culture. Thoroughly studying and comprehending the spirit of General Secretary Xi Jinping's important speech at the Symposium on Cultural Inheritance and Development, and advancing cultural inheritance and development, constitutes a bounden duty for scholars in philosophy and social sciences. [Method/Process] This paper proceeds from the epochal significance of constructing the China National Archives of Publications and Culture and the Chinese Academy of History, as well as the academic value of archaeology, to deeply comprehend the important value of fine traditional Chinese culture in contemporary society. [Results/Conclusion] Fine traditional Chinese culture constitutes our foundation and identity, an expression of aesthetic art, an important force in shaping civic quality, a reference and inspiration for scientific innovation, and a bond for cross-cultural communication and world peace.

Full Text

The Contemporary Value of Excellent Chinese Traditional Culture

Gong Wen

(Chinese Academy of History, Chinese Academy of Social Sciences, Beijing 100101, China)

Abstract

[Purpose/Significance] On June 2, 2023, Xi Jinping, General Secretary of the CPC Central Committee, President of the People's Republic of China, and Chairman of the PRC Central Military Commission, attended a symposium on cultural inheritance and development in Beijing and delivered a major speech, making important remarks on Chinese civilization and excellent traditional Chinese culture. Deeply studying and comprehending the spirit of his speech at the symposium on cultural inheritance and development is the duty of philosophical and social science researchers to make contributions to cultural inheritance and development. **[Method/Process]** This article aims to gain a better understanding of the key value of excellent traditional Chinese culture in contemporary society by examining the historical significance of building the China National Archives of Publications and Culture and the Chinese Academy of History, as well as the academic value of archaeology. **[Result/Conclusion]** Excellent Chinese traditional culture is our root and identity, the carrier of aesthetic art, an important force in shaping the quality of citizens, a reference and inspiration for scientific innovation, and a link between cross-cultural communication and world peace.

Keywords: Excellent Chinese traditional culture; Traditional culture; Contemporary values; China National Archives of Publications and Culture; Chinese Archaeological Museum

From June 1 to 2, 2023, General Secretary Xi Jinping made a special trip to inspect the China National Archives of Publications and Culture and the Chinese Academy of History, attended the symposium on cultural inheritance and development, and delivered an important speech. From the strategic height of the overall development of the Party and the country, he provided comprehensive, systematic, and in-depth elaboration on a series of major theoretical and practical issues concerning the inheritance and development of Chinese culture [1]. His visit to the Chinese Archaeological Museum at the Chinese Academy of History was a thematic inspection for the "Symposium on Cultural Inheritance and Development." As a staff member of the Chinese Archaeological Museum, I feel immense pride and honor. To deeply study and comprehend the spirit of General Secretary Xi Jinping's important speech at the symposium, and to better grasp the outstanding characteristics of Chinese civilization and the significance of the "Two Combinations," this article examines the historical significance of building the China National Archives of Publications and Culture and the Chinese Academy of History, as well as the academic value of archaeology, to explore the important value of excellent Chinese traditional culture in contemporary society from different perspectives.

1. The Historical Significance of Building the China National Archives of Publications and Culture and the Chinese Academy of History

The construction of the China National Archives of Publications and Culture and the Chinese Academy of History holds important historical significance and cultural value. As national-level institutions, they bear important responsibilities for cultural preservation, historical research, and civilization inheritance, exerting profound influence on promoting the dissemination and development of Chinese culture. The China National Archives of Publications and Culture is a major cultural project approved and implemented by the CPC Central Committee with Comrade Xi Jinping at its core, representing a significant measure by the Communist Party of China to promote the inheritance and development of Chinese culture. Serving as the national repository of version resources and the gene bank of Chinese cultural seeds, it carries the important mission of preserving, inheriting, and displaying excellent Chinese traditional culture. The Archives integrates multiple functions such as libraries and museums, adopting a “one central repository with three branches” collection pattern, with the “Wenhuan Pavilion” in Beijing as the central repository and the “Wenji Pavilion” in Xi’an, “Wenrun Pavilion” in Hangzhou, and “Wenqin Pavilion” in Guangzhou as branch repositories, distributed across China’s east, west, south, and north, forming an important base for protecting the cultural treasures of the Chinese nation. The construction of the China National Archives of Publications and Culture is a contemporary expression of the country’s cultural soft power and will become an important foundation for expanding the influence of Chinese culture in the future. During his inspection, General Secretary Xi Jinping emphasized that building the China National Archives of Publications and Culture is a foundational project for building a major civilization country and an iconic cultural project that benefits the present and future generations [2].

The Chinese Academy of History was established in January 2019 under the kind care of General Secretary Xi Jinping. Its construction holds great significance. As a coordinating and guiding institution for historical research, the Chinese Academy of History is responsible for formulating plans for Chinese historical research in the new era and organizing the implementation of major national academic projects in historiography. Through in-depth and systematic exploration and research on various aspects of Chinese history, it excavates the historical culture of the Chinese nation, promotes the development and innovation of historical disciplines, provides rich historical experience and wisdom for national development, and offers important references for formulating national development strategies and policies.

The construction of the China National Archives of Publications and Culture and the Chinese Academy of History provides an important platform for the inheritance and innovation of Chinese culture. As the national repository of version resources, the China National Archives of Publications and Culture can systematically preserve and inherit the cultural treasures of the Chinese nation,

providing resources for future generations to study and research. Through the organization, research, and display of version resources, it can deepen understanding and cognition of Chinese culture, stimulate public interest and love for traditional culture, and simultaneously promote cultural innovation and integration, advancing the combination of Chinese culture with contemporary society and enabling excellent Chinese traditional culture to radiate new vitality and charm. The establishment of the Chinese Academy of History helps to conduct in-depth research on Chinese history, excavate historical wisdom and value, and contribute more Chinese historical wisdom and strength to Chinese-style modernization. By carrying out major academic projects and research plans, it promotes the development of historical disciplines, cultivates more historical research talents, strengthens in-depth research and interpretation of history, and provides important historical references and ideological support for national decision-making. Through in-depth historical research, we can better understand our past and provide a more solid foundation for future development.

2. Understanding the Long History of Chinese Civilization and Perceiving the Profoundness of Chinese Culture Is Inseparable from Archaeology

Chinese civilization has a long history, and its cultural heritage that has survived to this day is breathtaking. The origins of Chinese civilization can be traced back thousands of years, and archaeology plays an irreplaceable role in deeply understanding and studying this history. Archaeology is a discipline that studies human social history through field excavation and research on various material remains left by ancient human activities, striving to restore historical truth and cultural features. When exploring the roots and development trajectory of Chinese civilization, archaeology serves as our important tool and window.

Archaeology provides us with a direct way to touch history. Through archaeological discoveries, we can learn about ancient people's living conditions, lifestyles, social organization, and economic development from the remains they left behind. In China, archaeologists have revealed various stages and periods of Chinese civilization development through excavating and studying numerous artifacts and sites. For example, regarding the Liangzhu Culture that demonstrates five thousand years of Chinese civilization, archaeologists have restored social life scenes of that era by excavating tombs, altars, jade workshops, building foundations, defense projects, settlements, jade artifacts, and various other remains and artifacts. Similarly, archaeological discoveries from the Bronze Age, the Han-Tang period, and other eras have presented the social landscape and cultural characteristics of those times. Through archaeological research, we can more accurately understand the origin and evolution of Chinese civilization.

Archaeology has played a crucial role in exploring the profoundness and extensiveness of ancient Chinese culture. Chinese culture is renowned worldwide for its unique characteristics and influence. Ancient China had deep accumulations

in philosophical thought, literature and art, science and technology, and other fields. Archaeology has revealed the origins and development trajectories of these cultures. Through research on historical artifacts and remains, we can recognize the wisdom and creativity of ancient Chinese people. For instance, the unearthed oracle bone inscriptions record various aspects of Shang Dynasty society and have become important basis for studying ancient Chinese writing and social systems. The production and evolution of bronze ware demonstrate the high development of ancient Chinese metallurgical technology. The opening and exchange of the Silk Road have been fully confirmed and enriched through archaeological discoveries. Through archaeological efforts, we can better understand the diversity and uniqueness of Chinese culture and further recognize the treasures and essence of excellent Chinese traditional culture.

Archaeology not only reveals the history and culture of Chinese civilization for us but also provides an academic foundation for protection and inheritance. With rapid social development and urbanization, many ancient sites, remains, and artifacts face risks of destruction and loss. Archaeologists play the role of guardians through site exploration and excavation, as well as artifact restoration and research. Their work not only enables us to see the true face of history but also preserves valuable cultural heritage for future generations. The development of archaeology has also promoted the establishment of cultural heritage protection laws and systems, raising public awareness of cultural relics protection and enthusiasm for cultural inheritance.

Archaeology is not just a discipline but also an interdisciplinary collaborative endeavor. Archaeological research involves knowledge and technologies from multiple disciplines such as geology, physics, chemistry, and biology. Archaeologists continuously enhance their ability to analyze and research artifacts and sites by using modern scientific and technological means, such as geological exploration, non-destructive testing, radiocarbon dating, archaeozoology, archaeobotany, human bone studies, and DNA technology. Meanwhile, international cooperation also provides a broader platform for the development of archaeology. Archaeologists from different countries promote the research and protection of Chinese civilization through exchange and cooperation, sharing experiences and resources.

It can be said that understanding the long history of Chinese civilization and perceiving the profoundness of Chinese culture cannot be separated from the contributions of archaeology.

3. Excellent Chinese Traditional Culture Is the Source of Historical Memory and Cultural Confidence for the Chinese Nation

Excellent Chinese traditional culture is the source of historical memory and cultural confidence for the Chinese nation. It carries the civilization tradition and rich historical accumulation of the Chinese nation and serves as a bridge

connecting us with the past. Through in-depth understanding and inheritance of excellent Chinese traditional culture, we can better recognize and understand our national identity and enhance cultural confidence. Simultaneously, the wisdom and values contained in excellent Chinese traditional culture can provide reference and inspiration for contemporary society, guiding us more firmly toward the future.

Excellent Chinese traditional culture has a long history and covers extensive and profound content. It includes many aspects such as philosophical thought, literature and art, ritual systems, science and technology, and agricultural culture. The rich connotations of these aspects embody the wisdom and labor achievements of past sages and constitute an important component of Chinese national development.

The Chinese nation has a long history. Over thousands of years, our ancestors have accumulated rich cultural heritage and wisdom achievements, which provide us with valuable historical experience and inspiration. By studying Chinese traditional culture, we can understand the origin, development, and evolution of the Chinese nation, thereby better grasping our historical roots.

Cultural confidence is an important spiritual pillar for a nation's survival and development, and traditional culture is an important component of cultural confidence. Traditional culture contains the core values of the Chinese nation, which run through all aspects of excellent Chinese traditional culture and provide us with firm cultural confidence and value pursuit.

The wisdom and values in excellent Chinese traditional culture have epochal significance and can provide reference and inspiration for contemporary society. Despite changing times and social development, the wisdom and values in traditional culture still have practical significance.

4. The Important Value of Excellent Chinese Traditional Culture in Cultivating and Enhancing Civic Quality

The values of integrity, filial piety, benevolence, and harmony contained in Chinese traditional culture are of great significance for building a harmonious society and cultivating civic moral awareness. These values emphasize the relationship between individuals and society, and between humans and nature, teaching people to maintain good character and conduct in interpersonal and social life. In contemporary society, where we face increasingly severe social problems and moral dilemmas, promoting the values of excellent Chinese traditional culture can provide positive moral guidance and behavioral norms.

Excellent Chinese traditional culture emphasizes and promotes values that are crucial for shaping and cultivating civic quality. These values not only cover individual behavioral norms and moral standards but also involve social relations, family ethics, political concepts, and ways of coexistence between humans and nature.

(1) **Patriotism and Community Spirit**

China is a traditional agricultural country with a strong sense of collectivism. Through countless hardships and difficulties, the Chinese people have united and helped each other, developing together and solving problems collectively, which has enabled our nation to survive to this day. Excellent Chinese traditional culture provides rich nourishment for patriotism and collectivism, enabling us to cultivate the patriotic sentiments of the broad masses and their love and loyalty for their country through the subtle influence of traditional culture.

(2) **Dedication and Integrity**

Dedication means seriousness and love for work, while integrity is the foundation for building trustworthy social relations. These values encourage people to work diligently, fulfill their duties, and be honest and trustworthy, thereby cultivating excellent professional ethics and social responsibility.

(3) **Peace and Harmony**

The emphasis on peace and harmony in Chinese traditional culture advocates harmonious coexistence among people, stressing the heart of benevolence—namely, care, respect, and help for others—to promote social harmony. It also emphasizes the harmonious relationship between humans and nature, focusing on environmental protection and the harmonious development between humans and nature. The values of peace and harmony encourage people to actively participate in building social harmony, promoting conflict resolution and dispute mediation, which is of great significance for cultivating civic quality.

(4) **Respecting the Elderly and Caring for the Young, and Family Ethics**

Chinese traditional culture has the fine tradition of respecting the elderly and caring for the young, emphasizing respect, filial piety, and care for parents, as well as concern, love, and cultivation for the younger generation. The family is the basic unit of society, and respecting the elderly and caring for the young is the cornerstone of family harmony and social stability. By promoting the values of respecting the elderly and caring for the young, people can cultivate good qualities of respecting elders, caring for the younger generation, being concerned about family, and taking responsibility, thereby demonstrating positive civic behavior in society.

5. The Unique Aesthetic Value and Artistic Expression of Excellent Chinese Traditional Culture

The art forms of the Chinese nation, including painting, music, opera, and dance, all integrate rich cultural connotations and aesthetic concepts. These art forms are not only sources of aesthetic enjoyment but also media for emotional exchange and value transmission. In contemporary society, the artistic

expression forms of excellent Chinese traditional culture still hold an important position, not only enriching people's cultural life but also providing valuable resources for art education and creation.

Excellent Chinese traditional culture possesses unique aesthetic value and artistic expression. It demonstrates the profound artistic heritage and unique aesthetic concepts of the Chinese nation through forms such as calligraphy, painting, opera, music, architecture, and gardening. A unique aesthetic characteristic of Chinese traditional culture is its emphasis on expressing rich connotations through simple forms.

Calligraphy is a treasure of Chinese traditional culture, emphasizing the expression of artistic conception and the flow of spirit. Through the use of ink, paper, and brush, calligraphy works demonstrate the wisdom and aesthetic pursuit of the Chinese nation. Painting is an important art form in Chinese traditional culture, with landscape painting, flower-and-bird painting, and figure painting as the main forms. Landscape painting uses minimal lines and brushwork to express the spirit and artistic conception of mountains and rivers; flower-and-bird painting uses realistic techniques to show vivid forms and delicate emotions; figure painting focuses on the depiction of characters and the portrayal of expressions. Opera is a comprehensive art form that integrates music, dance, drama, and literature, including Peking Opera, Qinqiang, Kunqu Opera, Henan Opera, Cantonese Opera, and Pingju Opera. Opera uses singing, recitation, acting, and fighting as the main performance methods, demonstrating rich emotions and unique artistic styles through exquisite performance skills, gorgeous costumes, and the coordination of opera music. Chinese traditional music includes court music, folk music, and religious music, among other genres, with traditional instruments such as the guqin, guzheng, flute, and pipa being widely used. Chinese traditional music emphasizes expressing emotions and artistic conception, using musical harmony, melodic undulation, and rhythmic changes to express rich connotations. Chinese traditional architecture is represented by ancient palaces, temples, and gardens, emphasizing symmetrical and harmonious layouts and pursuing the integration of nature and humanity. Traditional architecture demonstrates the architectural wisdom and aesthetic pursuit of the Chinese nation through exquisite wooden structures, carving arts, and painted decorations. Meanwhile, Chinese traditional gardens create unique artistic atmospheres and spiritual realms through delicate landscape design and the arrangement of ponds, rockeries, flowers, and trees.

The artistic expression of excellent Chinese traditional culture is not only aesthetic enjoyment but also carries rich cultural connotations and spiritual values. They reflect the wisdom, emotions, and values of the Chinese nation and have become an important link for traditional culture inheritance and national identity. These art forms are not only the creative achievements of artists but also the Chinese nation's understanding and expression of nature, society, and life. They integrate the pursuit of natural beauty, the expression of human emotions, and the reflection on moral ethics, embodying the unique aesthetic concepts and

values of the Chinese nation. Inheriting and passing on the artistic expression of excellent Chinese traditional culture is not only a respect for history and a continuation of cultural tradition but also to enable this unique aesthetic value and spiritual pursuit to flourish in contemporary society.

6. The Important Value of Excellent Chinese Traditional Culture in Science, Technology, and Innovation

The achievements and wisdom in philosophical thought, medical knowledge, and agricultural technology in traditional culture provide important references and inspiration for contemporary scientific research and innovation. While promoting the development of science and technology, we should fully respect and absorb the experience and wisdom in Chinese traditional culture, explore the integration points between traditional culture and modern technology, and promote the comprehensive development of technological innovation. Excellent Chinese traditional culture also has important value in the fields of science, technology, and innovation. Although traditional culture and science and technology seem to be two different fields, there is interaction and mutual influence between them.

(1) Vision Expansion and Creativity Cultivation

Excellent Chinese traditional culture, with its rich history and wisdom, provides scientists and innovators with broad vision and inspiration. The poetry, allusions, and philosophical thoughts in traditional culture can stimulate people's creativity and imagination, helping them think about problems and respond to challenges from different perspectives.

(2) Drawing on Traditional Wisdom

Excellent Chinese traditional culture contains rich wisdom and philosophical thoughts that can provide reference and inspiration for science, technology, and innovation. For example, the experience and theories in traditional Chinese medicine have important value for researching new drugs and treatment methods; the concepts of land use and ecological balance in Chinese traditional agricultural culture have guiding significance for the sustainable development of modern agriculture.

(3) Combining Traditional Crafts with Modern Technology

The traditional crafts and handicraft techniques in Chinese traditional culture can radiate new vitality with the support of modern technology. By combining traditional crafts with modern technology, we can innovate more efficient, environmentally friendly, and sustainable production methods. This combination can also protect and inherit traditional crafts and promote the development of cultural industries.

(4) Balancing Humanistic Care and Technology Development

Chinese traditional culture emphasizes harmony between humans and nature, as well as care and mutual assistance among people. This humanistic

care and social responsibility are equally important in the process of technology development. The values of benevolence, harmony, and etiquette in Chinese traditional culture can guide science and technology toward more humanistic, sustainable, and socially just directions.

Excellent Chinese traditional culture has important value in the fields of science, technology, and innovation. It not only provides inspiration for cultivating the spiritual quality and thinking mode of scientific and technological personnel but also encourages people to pay attention to humanistic care, environmental protection, and cultural confidence in technological innovation.

7. The Important Role of Excellent Chinese Traditional Culture in Cross-Cultural Exchange and World Peace

As a treasure in the history of world civilization, excellent Chinese traditional culture has extensive influence and appeal. Through disseminating and exchanging excellent Chinese traditional culture, we can deepen understanding and friendship between China and other countries, promote dialogue and exchange between different cultures, and make positive contributions to building a community with a shared future for mankind.

Excellent Chinese traditional culture plays an important role in cross-cultural exchange and world peace. In today's era of globalization, exchange and understanding between different cultures are crucial for promoting world peace and prosperity, and excellent Chinese traditional culture plays an important role in this process. By promoting cultural mutual learning and inclusiveness, traditional culture can break down cultural barriers and misunderstandings, enhance mutual understanding and respect between different countries and nations, emphasize the values of peace and harmony, and provide positive impetus for realizing world peace. Meanwhile, as an important component of the country's cultural soft power, excellent Chinese traditional culture can enhance the country's international influence and promote cross-cultural cooperation and common development.

(1) Cultural Mutual Learning and Inclusiveness

Excellent Chinese traditional culture emphasizes inclusiveness and cultural mutual learning. It promotes mutual understanding and respect between different civilizations through dialogue and exchange with other cultures. The values, artistic expressions, and wisdom in traditional culture all have cross-cultural commonality and can build bridges of mutual trust and cooperation between different countries and nations.

(2) World Peace and Harmonious Coexistence

Chinese traditional culture emphasizes the values of peace and harmony, advocating friendship, mutual assistance, and equality among people. These values play an important role in cross-cultural exchange. By disseminating excellent Chinese traditional culture, we can promote mutual understanding, coexistence, and cooperation between different

cultures, reduce cultural conflicts and misunderstandings, and create favorable conditions for realizing world peace and stability.

(3) **Cultural Soft Power and International Influence**

Excellent Chinese traditional culture is one of China's cultural soft powers, with rich history, profound heritage, and unique charm. By disseminating Chinese culture, we can enhance China's international influence and play a positive role in promoting cross-cultural exchange and world peace. The inheritance and promotion of excellent Chinese traditional culture can not only demonstrate China's cultural charm but also provide opportunities for cultural diversity, richness, and mutual learning for countries around the world.

(4) **Transnational Cooperation and Common Development**

As China's unique contribution, excellent Chinese traditional culture can promote cross-cultural cooperation and common development among nations. Through the dissemination and exchange of Chinese culture, people from various countries can better understand and respect each other's cultural differences, further strengthening cultural exchange, economic cooperation, and technological innovation, and making contributions to realizing world peace, prosperity, and sustainable development. In the context of globalization, the dissemination and promotion of excellent Chinese traditional culture is not only China's cultural responsibility but also a contribution to promoting world peace and prosperity. Through cultural exchange activities, art exhibitions, international cultural festivals, and other forms, we can enhance people from various countries' understanding and recognition of Chinese culture and promote the exchange and sharing of cultures among nations. This cross-cultural interaction and dialogue help break down cultural barriers, reduce cultural conflicts, and provide strong support for building a harmoniously coexisting world.

Moreover, the wisdom and values of excellent Chinese traditional culture also provide valuable experience and inspiration for countries around the world. It emphasizes harmonious coexistence between humans and nature, focuses on humanistic care and social responsibility, and advocates peace and friendship. These wisdom and values can provide beneficial ideas and solutions for addressing global challenges such as climate change, environmental destruction, and social injustice. It can be said that excellent Chinese traditional culture plays an important role in cross-cultural exchange and promoting world peace. By promoting cultural mutual learning, advocating the values of peace and harmony, and strengthening international cooperation and common development, we can jointly build a diverse, inclusive, harmonious, and prosperous world.

At the celebration of the 100th anniversary of the founding of the Communist Party of China, General Secretary Xi Jinping explicitly proposed "combining the basic principles of Marxism with China's specific realities and with excellent Chinese traditional culture" [3]. At the symposium on cultural inheritance and development, General Secretary Xi Jinping highly summarized the great

significance of the “Two Combinations,” especially the “second combination.” Excellent Chinese traditional culture is the lifeblood of the Chinese nation’s spirit and the powerful foundation and inexhaustible driving force for developing Chinese civilization and realizing national rejuvenation. Combining the basic principles of Marxism with excellent Chinese traditional culture greatly expands and enriches the connotation of Marxism’s sinicization and opens up a new realm of Marxism’s sinicization. We should fully explore and inherit the wisdom and values of excellent Chinese traditional culture, combine them with the needs and challenges of modern society, promote the creative transformation and innovative development of Chinese culture, and make positive contributions to building a civilized, harmonious, and sustainable modern society.

Excellent Chinese traditional culture is the precious spiritual wealth of the Chinese nation, carrying rich wisdom and values. In contemporary society, despite facing rapid changes and the challenges of globalization, excellent Chinese traditional culture still has important contemporary value. It is our root and identity, the expression of aesthetic art, an important force in shaping civic quality, a reference and inspiration for scientific innovation, and a link between cross-cultural exchange and world peace. We should cherish, inherit, and promote excellent Chinese traditional culture, guided by its unique values and wisdom, and strive to build a better modern society.

References

- [1] Xi Jinping. Speech at the Symposium on Cultural Inheritance and Development [J]. Qiushi, 2023(17): 4-11.
- [2] Xinhua News Agency. Continuing Chinese Cultural Traditions and Benefiting Future Generations—A Visit to the China National Archives of Publications and Culture [R/OL]. (2023-06-07) [2012-09-10]. http://www.news.cn/politics/2023-06/07/c_1129674667.htm.
- [3] Xi Jinping. Speech at the Celebration of the 100th Anniversary of the Founding of the Communist Party of China [J]. Qiushi, 2021(14): 4-14.

Note: Figure translations are in progress. See original paper for figures.

Source: ChinaXiv — Machine translation. Verify with original.