

## **Analysis of the Development of Applied Psychology in My Country Based on Bibliometrics**

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### **Abstract**

**While the research on general psychology and applied psychology in the western world has matured day by day, psychology research in China has progressed slowly. We use the Chinese cnki platform to extract 500 documents to visually analyze the relevant documents of China's applied psychology research, in order to summarize the development status and prospect analysis of my country's applied psychology. And came to the conclusion that although China applied psychology started late, it has a broad prospect.**

### **Keywords**

**Applied Psychology in China; Development Status; Pedagogy.**

### **1. Introduction**

Applied psychology is the key field and hope for the development of psychology in the 21st century, and its contribution to human society will be no less than the well-being brought to mankind by the current genetic engineering. UNESCO has listed psychology as one of the key development and construction disciplines in the 21st century. The main reason is that psychology has increasingly become an indispensable discipline in people's work and life, which can produce positive social benefits. Since applied psychology is widely used in social life, it is related to the healthy development of psychology, and the scientific status of psychology. Therefore, the development path and strategy of applied psychology in my country have attracted much attention from the psychology community. Whether in politics, economy, ideology, culture, education and other fields, or in schools, enterprises, hospitals, administration and other departments, whether it is the construction of political civilization, material civilization, spiritual civilization or ecological civilization, psychology is great There is a place for it. How to treat the current theory and application of psychology is a realistic and urgent problem. At this stage, the application field of psychology in our country has not yet formed a very complete and standardized system, and there are still shortcomings in many aspects. The development of applied psychology is far from mature. Some scholars believe that the development of today's applied psychology is some bubbles created by the rapid development of psychology, which can only be short-lived and false surface prosperity. my country's applied psychology has not really moved into social life, and it has not been truly accepted by the society to serve the public. Therefore, the field of applied psychology should not be blindly intoxicated by the promotion and application of the results of individual applied research, but should face the reality more soberly, see clearly the dilemma of research and practice of applied psychology in my country, and strive to seek reform and development strategies.

## 2. Analysis of Chinese Applied Psychology Literature

### 2.1. General Trend Analysis

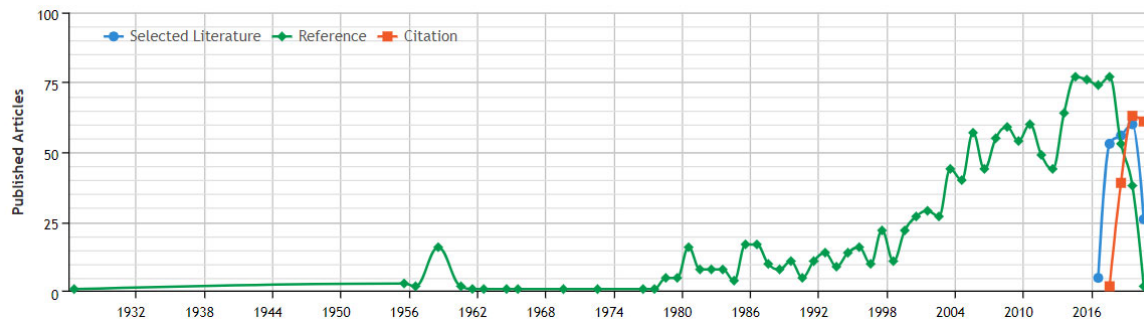


Figure 1. Number of annual publications

Judging from the literature data collected by cnki, my country's applied psychology literature has developed quite late and its scale is also small. After 1956 ushered in a short research period. Later, due to the influence of other factors, China's applied psychology could not develop well. After China's reform and opening up, China's applied psychology has gradually improved, but it is still far from enough. The number of papers published each year has not been so high that it can cause qualitative changes. But the gratifying thing is that in the past 10 years, because of China's economic construction has made good results, the people's material life has been greatly improved, and the pressure of modern society has increased sharply, which has caused people to pay more and more attention to their mental health. This social phenomenon has promoted the research of Chinese psychology by Chinese scholars and the market, and a large number of excellent papers have also appeared. The emergence of excellent papers has also promoted the citation and learning of scholars and institutions, all of which indicate that the road of applied psychology in China will become wider and wider.

### 2.2. Literature Cross-citation Network Analysis

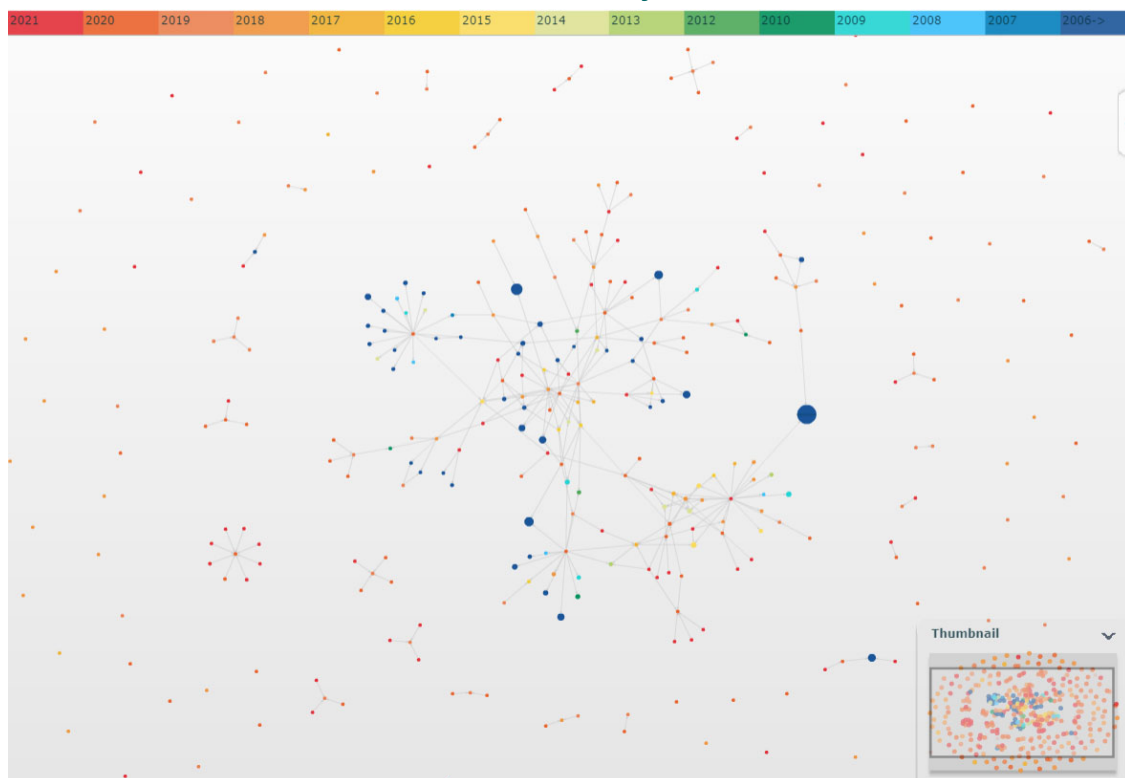
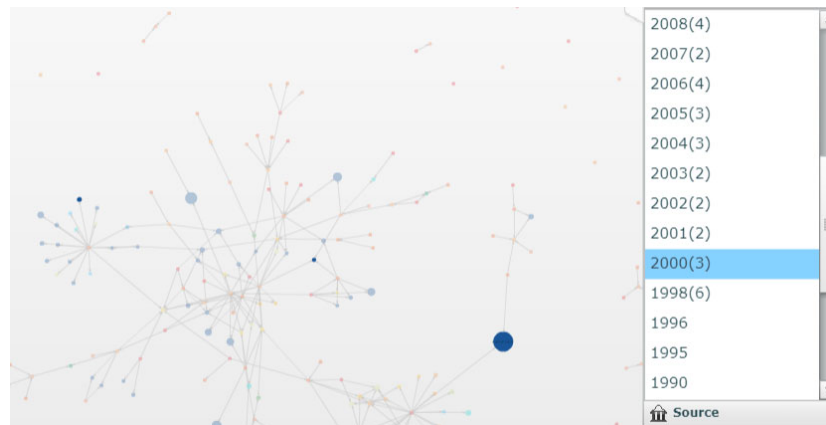


Figure 2. Literature Cross-citation

Through analysis, we can conduct document network analysis from time, author, and keywords.

### 2.2.1. From the Perspective of Time



**Figure 3.** Number of publications in 2000



**Figure 4.** Number of publications in 2004



**Figure 5.** Number of publications in 2020

The most cited documents are in 1981, 1987, and 2004. In 2020, when the most published documents are published, a total of 102 of the 500 documents found were published. Most of them are irrelevant personal papers, and most of them are not cited. This data is in line with the previous judgment. The society began rapid economic growth around 2000. Most of the previous documents were imported documents in foreign languages. In the past five years when the economy has gradually slowed down, the number of publications on Chinese

psychology has been Growing. In this regard, we believe that the development of Chinese psychology will be paid more and more attention, and there will be more related documents.

### 2.2.2. The Relationship Between the Number of Citations and the Publishing Unit

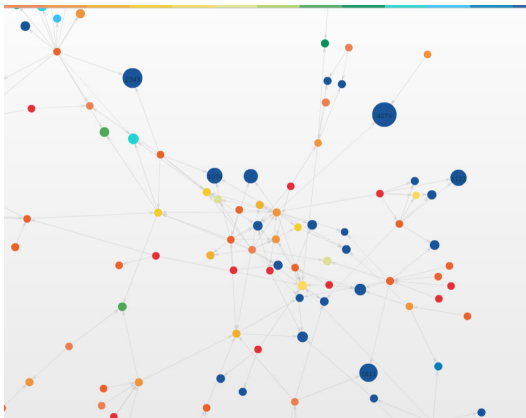


Figure 6. Number of citations

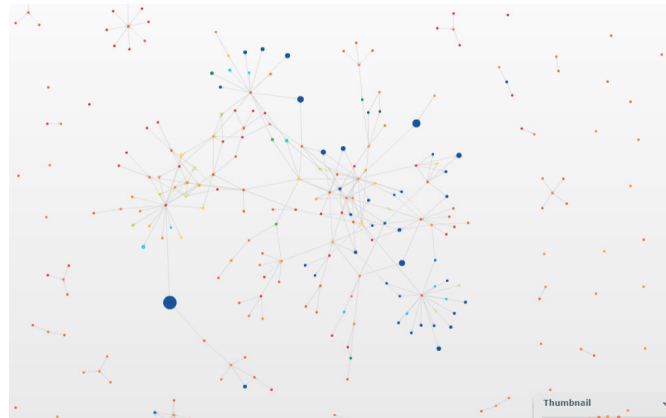


Figure 7. Publishing unit

The most cited are the personality psychology published by Huang Xiting in 2004 and the literature published by Cheng Yi in 1981, with 2345 and 4274 times respectively. The literature of most people has only been cited two or three times, and the literature published this year has hardly been cited. Among them, the most publishing units are China Social Psychology Review, Beijing Social Science Yearbook, Psychology Journal, and Psychology Monthly. The comparison of the two shows that although the quality of published literature of Chinese psychology researchers has not yet reached high quality, more and more researchers and publishing units are paying attention to the research of Chinese psychology.

### 2.2.3. Keywords Co-occur Net

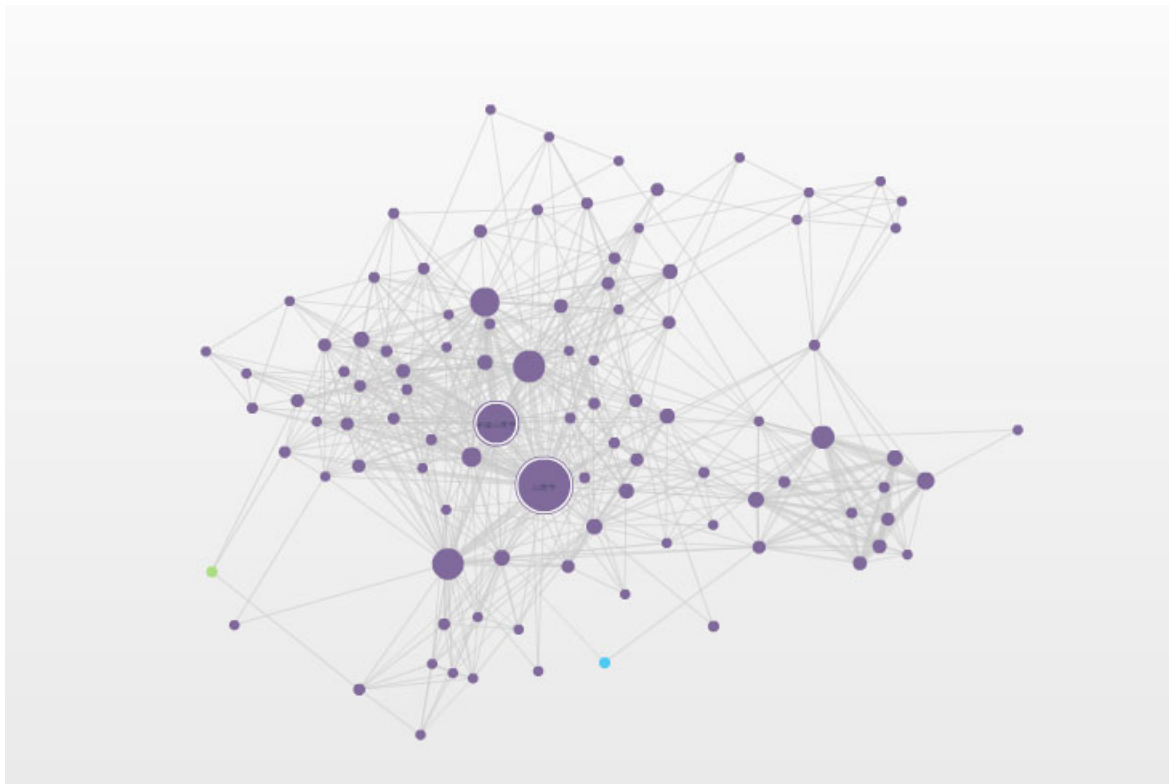


Figure 8. Keywords

For the analysis of keywords, the main keywords are psychology, Chinese psychology, psychologist, western psychology, and Chinese Psychological Association. It shows that the journals or papers published by psychology researchers in our country often have strong Chinese characteristics, and it also shows that Chinese psychology researchers are actively exploring the psychological differences between China and the West at the same time. However, the keywords are often not academic words, which also shows that the psychological research in our country is still stuck in the research history and the accumulation is not enough.

#### 2.2.4. Proportion of Researchers and Disciplines



Figure 9. Percentage of education



Figure 10. Proportion of Subjects

From this data, the number of high-end talents contributors to the literature on applied psychology in China is too small, which leads to a long way to go for the development of psychology in China. Because there are too few high-end talents, the quality of China's psychological market will be low, and the distrust of the masses will increase.

From the distribution of disciplines, the rankings are philosophy and humanities, education and social sciences, political and military and law, medical and health technology, electronic technology and information science, economics and management science. Generally speaking, the development of psychology in China has not yet reached the level of full public vision, which also shows that the development of applied psychology in China has just begun to sprout.

### 3. Conclusion

#### 3.1. The Problem

From the overall data, the development of psychology in my country was late due to historical factors. A group of outstanding psychology researchers appeared around 1956 after the founding of the People's Republic of China. From the end of the 20th century to the present, there have been more and more researchers in psychology in China. The number and quality of published literature on psychology is also increasing, but it still lags far behind Western countries.

#### 3.2. Prospect

But the good news is that the Chinese people are paying more and more attention to psychological problems, which is forcing the research of Chinese psychology to move forward. While research in general psychology continues to develop, research in applied psychology is also advancing. Due to the development of China's Internet economy, Chinese applied psychology has also emerged with Chinese characteristics, and a large number of applied psychology students have entered the company to study the psychological experience of users. It can be said that the prospect of applied psychology in China is broad.

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