



The Educational Function and Realization Path of Excellent Traditional Culture Based on Project-Based Learning

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Abstract. Traditional culture is a powerful starting point for the implementation of the fundamental task of establishing morality and cultivating people, and it is of great significance to enhance the educational effect of excellent traditional culture in colleges and universities as opposed to the implementation of the work of cultivating people with morality. It is of great significance to guide college students to establish a correct world outlook, outlook on life, values and standardize their conduct. With the improvement of the requirements of social development for the quality of higher education personnel training, which leads to the reconstruction and reform of the teaching mode of higher education, project-based learning shows its great talent training potential. In view of the above background, the educational function and realization path of excellent traditional culture based on project-based learning are studied. Under the guidance of the theory and practice of teaching and learning and making full use of information technology, this paper puts forward four strategies to promote classroom learning investment in project-based learning: the first is to use information technology to build a project learning environment; the second is to grasp the key points of the design. promote students' deep participation; third, multiple teaching evaluation to maintain an efficient learning state; fourth, timely feedback and summary to deepen the construction of core knowledge. Through the discussion of the relevant theories of excellent traditional culture education, while clarifying the basic concepts and combining with the core issues of the paper, eight representative universities in Chengdu are selected to conduct questionnaires and interviews. It is concluded that under the background of the new era, traditional culture has made certain achievements in material culture education, spiritual culture education, institutional culture education and behavioral culture education.

Keywords: project-based learning; traditional culture; educational function; realization path

1 Introduction

A project is a series of interrelated activities with clear goals or objectives that must be completed in accordance with specifications within a given time, budget, and resources. At the beginning of the 20th century, as a new and practical teaching method, project was gradually introduced into education, forming project-based learning. Project-based learning is a systematic teaching method, in which students participate in complex real-life tasks, create products and demonstrate to the audience, and acquire knowledge and skills that will help students survive in the future. In learning activities, students analyze and synthesize interdisciplinary projects in groups, acquire knowledge and skills through project activities, and evaluate students' learning through the performance of the production process [1]. Most researchers define project-based learning as a teaching strategy, which provides learners with appropriate learning tools by creating real-world projects, and gives learners the resources and guidance they need to help students acquire knowledge and skills.

As an important part of China's socialist culture, excellent traditional culture plays an important role in developing advanced socialist culture, consolidating the common ideological basis of the whole society, and promoting social harmony. Excellent traditional culture is the product of the creation and development of college teachers, students and staff in the long-term academic activities and school-running practice, which has an imperceptible influence on college students' ideas, value orientation and behavior. In the face of great changes not seen in a century and the strategic overall situation of the great rejuvenation of the Chinese nation, colleges and universities must be based on the fundamental task of establishing morality and cultivating people, fully tap the resources of cultural education, and take cultural education as the starting point. to cultivate socialist builders and successors with both ability and all-round development for the realization of the great Chinese Dream in the new era. Since entering the new era, cultural education is facing the impact of complex social environment, including the diversity of culture, the complexity of value judgment, the arduous task of struggle in the field of ideology, etc., which poses a greater challenge to the cause of cultural education in our country[2].

2 Core Concept

2.1 The Model and Application of Project-Based Learning

The change of teaching method will inevitably lead to the change of teaching mode. The application of technology has greatly promoted the development of project-based learning, but the basic organizational process of project-based learning has not changed much. Different researchers have developed their own project-based learning models and frameworks according to different learning goals, backgrounds, contents and target groups. the basic processes are based on the three steps of design-implementation-evaluation. In our country, the research on project-based learning

is mostly carried out in primary and secondary schools and universities, mainly in science and engineering, English, physical education and other disciplines.

From the domestic literature research, it can be seen that the theoretical and practical research on project-based learning is becoming more and more mature. From the perspective of discipline distribution, the applied research of project-based learning is mainly aimed at science and technology, language courses, and gradually integrated into other disciplines and interdisciplines [3]. The research on project-based learning at home and abroad is developing from theoretical research to practical research, although the methods and processes of project-based learning proposed by different researchers are different, but it generally includes six main links: project determination, plan making, activity exploration, product creation, achievement presentation, evaluation and reflection.

Under the widespread attention to the quality of higher education and the concept of student-centered education, the research on "project-based learning input" is gradually increasing, and many scholars at home and abroad have defined the connotation of project-based learning investment. the details are shown in Table 1.

Table 1. Connotation of project-based learning input.

Region	Researchers or institutions	Connotation
Abroad	Astin(1984)	The sum of physical and psychological energy that students invest in academic activities mainly includes their explicit behavioral engagement in classroom learning and their internal psychological activities related to learning.
	Fredricks(2004), Russell(2005)	The performance of students in three aspects during classroom activities is used to measure their classroom learning engagement, namely measuring their behavioral engagement, emotional engagement, and cognitive engagement during the learning process.
	Mosher(1985)	The behavioral engagement and attitude exhibited by students in classroom learning, as well as their learning attitudes and behaviors, will have a certain impact on classroom learning engagement.
	Yun Guanglan(2006)	Classroom learning engagement is a behavior in which students actively engage in classroom teaching through external behavioral expressions, and it is a biased behavior.
Domestic	Liu Lina(2012)	Student classroom learning engagement refers to the teacher creating a good learning environment for students based on their active participation in learning, enabling them to demonstrate a positive and proactive engagement state in the three dimensions of classroom learning engagement.
	Wang Yuxia(2012)	The total amount of effort and psychological integration that students put into understanding and mastering the knowledge and skills they have learned in the classroom learning process.

From the existing research, it is found that the research on the influencing factors of middle school students' learning engagement in project-based learning is not perfect, and in the new era, with the application of blended learning environment and the support of more learning technology, it is necessary to explore how to design project-based learning in the current environment to improve college students' classroom learning input [4]. Therefore, this study is based on the application of project-based learning in universities, and has a certain theoretical and practical value in promoting college students' classroom learning input in project-based learning.

2.2 Investigation on the Current Situation of College Students' Classroom Learning Input in Project-Based Learning

2.2.1 Test of Reliability and Validity.

100 college students were randomly selected as samples to predict the reliability and validity of the questionnaire. According to the reliability analysis of SPSS, the Cronbach α value of the three dimensions of classroom learning input is between 0.919 and 0.943, and the overall Cronbach value of the questionnaire is $0.969 > 0.7$. Therefore, the reliability quality of the research data is very high. The statistical results are shown in Table 2:

Table 2. Cronbach reliability analysis.

Dimensions	Number of items	Cronbach α coefficient
Cognitive engagement in classroom learning	8	0.943
Emotional engagement in classroom learning	7	0.925
Classroom learning behavior engagement	8	0.919
Overall questionnaire	23	0.969

Table 3. Inspection of KMO and Bartlett.

KMO sampling suitability quantity		0.964
	Approximate chi square	7240.357
Bartlett's sphericity test	Degrees of freedom	253
	P-value	0.000

As can be seen from Table 3, the validity test of the questionnaire shows that the KMO value is 0.964 and the significant degree is $P < 0.05$. It shows that the validity of the questionnaire is very good. To sum up, the questionnaire has good reliability and validity and can be used for formal measurement.

3 Excellent Traditional Culture Educates People

3.1 The Educational Function of Traditional Culture

The basic function of culture is to educate and shape people. As a kind of culture, excellent traditional culture naturally has the function of educating people. The educational function of excellent traditional culture is the basic function of excellent traditional culture, which refers to the favorable role or effectiveness of excellent traditional culture in promoting the cultivation of talents in colleges and universities and promoting the all-round development of college students. It can be shown in four aspects: guiding function, edifying function, incentive function and restraint function.

The first is the guiding function, the core of culture is values, and excellent traditional culture is a part of socialist advanced culture, which also embodies the guidance and standardization of socialist advanced culture. It can guide college students to establish firm and correct ideals and beliefs and cultivate them to form a scientific world outlook, outlook on life and values. This guiding function is the deepest educational force of excellent traditional culture. It is also the highest pursuit of excellent traditional culture education [5]. The second is the function of edification. Through rich and colorful cultural activities, excellent traditional culture can spread humanistic knowledge, shape humanistic feelings and infiltrate humanistic spirit to students, so as to further promote humanistic quality education. and create a good cultural environment to help college students grow up healthily, develop in an all-round way, infect college students with environmental edification, and exert an imperceptible influence on their ideas and moral views. The third is the incentive function. Excellent traditional culture is a kind of group culture, which is jointly created by teachers, students and staff in colleges and universities. group culture can encourage individuals to act towards the expectations of the group. Being in the group of teachers, students and staff in colleges and universities, college students will be influenced by the group culture and hope to be recognized and respected by others. This expectation can stimulate the internal demand and motivation of college students to improve their comprehensive literacy. Under the influence of this driving force, college students can adjust their thoughts and behavior and make continuous efforts towards the direction and goals expected by the group. The fourth is the restraint function. Excellent traditional culture can restrain college students to change their words and deeds through certain institutional culture and moral evaluation standards, so as to make them meet the requirements of excellent traditional culture [6]. This restraint function is reflected not only in the hard constraints such as rules and regulations, but also in the soft constraints such as the idea of running a school, the pursuit of value, the atmosphere of public opinion and so on.

3.2 New Characteristics of Excellent Traditional Culture Education Based on Project-Based Learning

Cultural education is the foundation, while education is the key. In the concrete practice of educating people with excellent traditional culture in the new era, we should pay attention to the new characteristics of "education" in the new era, so as to ensure that

the excellent cultural content can be well displayed in front of college students and enable them to receive culture effectively. give full play to the educational effect of culture and achieve the goal of education [7]. In view of the fact that college students are easy to accept new things, but are easily affected by multiple values, it is necessary to adhere to the correct ideological guidance, highlight the value guidance, adhere to the socialist core values as the guidance, and resist the invasion of bad ideological trends. At the same time, in the work of educating people, we should carry out the education of socialist core values in the form and method loved by college students, organically combine the education inside and outside the classroom, and make good use of the new network media tools. carry out the work of educating people on the network platform commonly used by college students to educate people everywhere and covertly.

4 The Realization Path of Excellent Traditional Culture Education Based on Project-Based Learning

4.1 Questionnaire Design and Implementation of Excellent Traditional Culture Education Path

According to the list of general colleges and universities in Sichuan Province (as of May 2023) released by the Sichuan Provincial Department of Education, there are 134 colleges and universities in Sichuan Province, of which there are 58 universities in Chengdu, 29 for undergraduates and 29 for colleges. This questionnaire survey selects 8 universities in Chengdu according to the level of running schools. They are Sichuan University, Southwest University of Finance and Economics, Sichuan Agricultural University, Southwest University for nationalities, Chengdu Neusoft College, Chengdu Textile College, Southwest Aviation Vocational College and Sichuan Water Conservancy Vocational and Technical College. This covers double-first-class universities and ordinary undergraduate universities and junior colleges.

The questionnaire survey was conducted anonymously by sending out online questionnaires, and the relevant research data were obtained after the questionnaire was recovered. a total of 859 questionnaires were sent out, of which 835 were valid, with an effective rate of 97.20%.

The purpose of this questionnaire is to understand the actual development of eight excellent traditional culture education in Chengdu, which involves two parts, personal basic information and subject questions, with a total of 33 questions. The first part of the questionnaire is the basic personal information, including gender, educational level, professional category, political outlook, which is conducive to the accuracy of statistical data. The second part is the main question, which mainly investigates the current situation of spiritual and cultural education, material culture education, institutional culture education and behavioral culture education in colleges and universities, as well as the relevant factors that affect the effect of educating people. this paper points out the achievements and existing problems of excellent traditional culture education in the new era, in order to further explore the corresponding improvement measures.

The proportion of male and female students is 42.63% and 57.37% respectively; the proportion of graduate students, undergraduates and junior college students is 14.37%, 37.84% and 47.78% respectively; the proportion of Chinese law category of professional category is 17.96%, that of science and technology is 30.78%, that of economics and management is 15.81%, that of agriculture and forestry is 3.47%, that of arts and sports is 5.51%, and the remaining 26.47% is that of other categories. According to the analysis of the specific political outlook, party members account for 12.21%, members of the Communist Youth League account for 70.77%, and the masses account for 17.00%. See Table 4. The survey samples are more reasonable and representative.

Table 4. Basic information statistics of survey sample objects.

Name	Sample distribution	Sample size (person)	Proportion (%)
Gender	Male	356	42.63
	Female	479	57.37
Educational background	Currently pursuing graduate studies	120	14.37
	Undergraduate studies in progress	316	37.84
	Junior college in progress	399	47.78
	Grammar	150	17.96
Professional category	STEM	257	30.78
	Meridian management	132	15.81
	Agriculture and forestry	29	3.47
	Art and Sports	46	5.51
	Other	221	26.47
Political landscape	Communist Party member (including probationary)	102	12.21
	Communist Youth League members	591	70.77
	The masses	142	17.00

Using SPSS data analysis software, under the premise of lack of prior knowledge, the sample data are distinguished into different types based on the nature vision level, and it is concluded that many classified groups have homogeneity, while individual individuals among groups have significant differences. The "Cronbach α " model is used in the analysis (this paper does not describe other reliability indexes such as half-and-half reliability). The output results are shown in Table 5. Among them, the Cronbach α coefficient is 0.838 greater than 0.8, which proves that the overall reliability of this study is good, and there is a good internal consistency.

Table 5. Reliability analysis of the questionnaire.

Project	Result
Clone Bach Alpha	0.838
Cloning Bach Alpha based on standardized terms	0.838
Number of items	32

KMO and Bartlett tests in SPSS are used to analyze the research data of 32 items in the questionnaire. KMO statistics are used to test the partial correlation between variables. The closer the KMO value is to 1, the greater the correlation between variables. When the significant probability $P < 0.05$, the questionnaire has construct validity. In Table 6, the KMO value was $0.911 > 0.6$. in the Bartlett spherical test, the KMO value was $0.000 < 0.05$, which conformed to the spherical test standard, indicating that the construct validity of the questionnaire reached the standard.

Table 6. Validity analysis of the questionnaire.

Project		Result
KMO inspection		0.911
Approximate chi square		8638.327
Bartlett sphericity test	Degrees of freedom	496
	Significance	0.000

The result of this questionnaire survey shows that the students in the surveyed colleges and universities are satisfied with the construction of excellent traditional culture in their colleges and universities, and the students' understanding, cognition and emotional identity of excellent traditional culture are generally good. It also shows a positive trend in behavior practice. It can be concluded that the effect of excellent traditional culture on the education of students is generally good, but there are also some problems.

From the perspective of material and cultural education, most students think that the infrastructure construction of the campus is relatively perfect, the cultural education places are relatively complete, and most students can be influenced by material culture; at the same time, some colleges and universities also have some problems, such as the infrastructure construction is not updated in time, the campus building is lack of characteristics and so on, which affects the educational effect of material culture. From the perspective of spiritual and cultural education, most students think that the atmosphere of the construction of spiritual civilization in our school is better, and they have a better understanding of the spiritual and cultural carriers such as the school spirit and motto, but there are also some problems such as the insufficient effect of spiritual civilization activities on students' education. students' spiritual and cultural identity is not high [8]. From the perspective of institutional culture education, the construction of rules and regulations in colleges and universities has played a better role of standardization and restraint, and most of the students abide by the rules and regulations, but there is the problem that the construction of rules and regulations is not comprehensive and fails to keep pace with the times. thus affecting the students' sense of identity and execution of the institutional culture of colleges and universities. From the perspective of behavioral culture education, there are a large number of campus activities in colleges and universities, various types, good behavior of students and teachers, and positive campus behavior and cultural atmosphere, but there is a lack of connotation and characteristics of campus activities. it leads to the problem that students are not enthusiastic about participation and lack of guidance to students.

According to the analysis of the reasons that affect the educational effect of excellent traditional culture, most students think that network culture, school education and social environment are the main reasons. In terms of the suggestions on optimizing the educational path of excellent traditional culture, the students have put forward many suggestions from their own point of view, which can be summed up as follows: strengthening the construction of material culture, creating a beautiful campus environment and complete infrastructure, reflecting the characteristics of the school; condensing the spirit of the university and carrying out meaningful spiritual civilization activities to truly reflect the spiritual characteristics of the school. Improve the school rules and regulations, make the rules and regulations more in line with the needs of students, more fair and just; carry out cultural activities with rich connotation, innovate the contents and forms of activities according to the needs of students, and so on [9].

4.2 Interview Design and Implementation of the Current Situation of Excellent Traditional Culture Education

The purpose of this interview is to investigate the participation and identity of excellent traditional culture education in colleges and universities, and to investigate the advantages and disadvantages of excellent traditional culture education in colleges and universities. collect the improvement measures that the teachers think are more unified to supplement the survey results of the questionnaire. Sixteen interviewees were selected according to the sampling method of schools and posts. The basic information of the interviewees is shown in Table 7 below:

Table 7. Basic information of interviewees.

Number	Interviewee	Affiliated school	Position	Interview time	Interview methods
1	A1	Sichuan University	Humanities full-time teachers	September 15, 2023	Telephone interviews
2	A2	Sichuan University	Administrative staff	September 15, 2023	Telephone interviews
3	A3	Sichuan Agricultural University	Full time teachers in science and engineering	September 17, 2023	One-on-one conversation
4	A4	Sichuan Agricultural University	Youth League Committee Teacher	September 17, 2023	One-on-one conversation
5	A5	Sichuan Agricultural University	Humanities full-time teachers	September 18, 2023	One-on-one conversation
6	A6	Southwest University of Finance and Economics	Ideological and Political Course Teacher	September 20, 2023	Telephone interviews
7	A7	Southwest University of Finance and Economics	Administrative staff	September 20, 2023	Telephone interviews
8	A8	Southwest University of Finance and Economics	Youth League Committee Teacher	September 23, 2023	One-on-one conversation
9	A9	Southwest University of Finance and Economics	Humanities full-time teachers	September 23, 2023	One-on-one conversation

10	A10	ChengDu Neusoft University	Ideological and Political Course Teacher	September 25, 2023	One-on-one con- versation
11	A11	ChengDu Neusoft University	Full time teachers in science and engineering	September 25, 2023	One-on-one con- versation
12	A12	Chengdu textile college	Youth League Committee Teacher	September 27, 2023	Telephone inter- views
13	A13	Chengdu textile college	Ideological and Political Course Teacher	September 27, 2023	Telephone inter- views
14	A14	Southwest Aviation Vocational College	Instructor	October 2, 2023	Telephone inter- views
15	A15	Southwest Aviation Vocational College	Ideological and Political Course Teacher	October 2, 2023	Telephone inter- views
16	A16	Sichuan water conservancy vocational college	Full time teachers in science and engineering	October 3, 2023	Telephone inter- views

This interview is anonymous, online or offline one-on-one interview, a total of 11 questions, respectively from the excellent traditional culture of the material level, behavioral level, institutional level and spiritual level to understand teachers' understanding of excellent traditional culture education, the effectiveness and shortcomings of various aspects, as well as optimization path suggestions. The topic involves four levels, namely, the material, behavioral, institutional and spiritual aspects of excellent traditional culture [10]. The interview outline is designed according to the expected purpose of the interview, which consists of three parts: the first is to investigate the degree to which teachers participate in and understand the education of excellent traditional culture; the second is to investigate teachers' views on the educational practice of various components of excellent traditional culture; third, teachers analyze the reasons that affect the educational effect of excellent traditional culture and optimize the path suggestions.

In order to ensure the reliability of the interview data, the interviewees asked questions from the perspective of the interviewees to improve the authenticity of their responses. Try to avoid the induced questions during the interview in order to improve the procedural validity of the interview. The contents of the conversation were truthfully recorded during the interview and handed over to the interviewees for verification after sorting out the records to ensure that the recorded information could truly reflect what interviewees 33 wanted to express.

4.3 Achievements in the Path of Realizing the Educational Function of Excellent Traditional Culture

The library construction of the eight universities surveyed is relatively good. The library of Sichuan University has a total collection of 8.37 million paper documents, 329 electronic literature databases, more than 110000 electronic periodicals, more than 3.7 million e-books and 265000 hours of Chinese audio and video. Southwest University of Finance and Economics has formed a pattern of "two places and three libraries" with Guanghua Campus document Center, Liulin Campus Library and Monetary and

Finance Museum, with a collection of more than 2.28 million paper books and more than 4.68 million e-books. there are more than 16000 kinds of Chinese and foreign language periodicals (paper + electricity) and 271 electronic resource databases, which is the largest financial and economic literature center in the western region. Sichuan Agricultural University has 15.79 million copies of literature resources. The library of Chengdu Textile College has a construction area of 21000 square meters, with more than 880000 printed documents, more than 490000 e-books and more than 10 database resources. In addition to library construction, Sichuan University, Southwest University for nationalities and Sichuan Agricultural University are more perfect in the construction of school history museums. The results of the questionnaire survey show that more than 80% of the students think that the campus infrastructure is relatively sound (Figure 1), which can basically meet the needs of daily study and life.

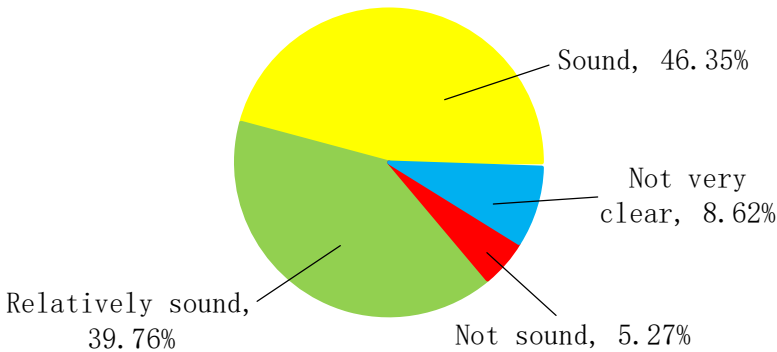


Fig. 1. Whether the infrastructure of traditional culture is sound.

Institutional culture provides institutional guarantee for the education of excellent traditional culture, institutional culture can ensure the orderly promotion of excellent traditional culture, and the idea of running colleges and universities can be fully reflected in its institutional culture. the construction of institutional culture plays a role in restricting students' behavior.

5 Conclusions

After an in-depth discussion of the educational function and realization path of excellent traditional culture based on project-based learning, it is not difficult to find that this learning model not only provides a new opportunity for the inheritance and innovation of traditional culture. the growth and development of the younger generation has injected profound cultural details.

Reviewing our journey of exploration, we deeply feel that project-based learning, with its unique practicality and innovation, allows excellent traditional culture to take root in the hearts of students, and let them appreciate the charm of traditional culture in practice. Understand the wisdom and power. Through this learning process, students can not only deeply understand the connotation and value of traditional culture, but also

internalize it into their own character and accomplishment, which will become a solid cornerstone of their future growth.

Looking to the future, we expect more educators to realize the important role of project-based learning in educating people in traditional culture, and actively explore more effective ways to achieve it. We believe that with the joint efforts of all of us, traditional culture will glow with more splendor and become an important force in promoting social progress.

References

1. B. K E, Alicia W, Kay S, et al. Culturally sustaining pedagogy in an outdoor environmental science education program to support high school students' identities as Indigenous people and scientists[J]. *Journal of Geoscience Education*, 2024, 72(2):119-133.
2. Wensong Z, Linlin Z. Aesthetic education integrating traditional culture into modern ceramic design on anxiety recipients[J]. *CNS Spectrums*, 2023, 28(S2):S58-S59.
3. Shao Y, Razali R J, Hassan H, et al. A Study on the Influencing Factors of Social Media in the Communication of Cultural Heritage Education: A Systematic Literature Review[J]. *Studies in Media and Communication*, 2023, 11(7):90-104.
4. Yuan N, Teng D, Jing L, et al. Is informational teaching more efficient than traditional teaching in design? – a case study of product design in vocational education in Guangzhou[J]. *Education and Information Technologies*, 2023, 28(10):13791-13803.
5. Todd F W, Towne E C, Clarke B J. Importance of centering traditional knowledge and Indigenous culture in geoscience education[J]. *Journal of Geoscience Education*, 2023, 71(3):403-414.
6. Ingrid R S, Juyan Y, Yong J, et al. Chinese Traditional Culture Education: Implementing the Child's Position and Perspective in the Elementary School Textbook Morality and Law[J]. *ECNU Review of Education*, 2022, 5(4):702-719.
7. Davide D, Anna P, Dominik A, et al. A cultural perspective of higher education governance reform in Poland: divergent interpretations by rectors across distinct categories of universities[J]. *Journal of Higher Education Policy and Management*, 2022, 44(6):596-612.
8. Shuyuan S. Metaverse-driven new energy of Chinese traditional culture education: edge computing method[J]. *Evolutionary Intelligence*, 2022, 16(5):1503-1511.
9. Ye Z. Theoretical Mechanism and Implementation Path of Digital Technology Enabling Cultural Heritage Protection[J]. *China Finance and Economic Review*, 2024, 13(1):112-128.
10. Yu S. Research on the Implementation Path of Integrating Ceramic Culture Into Ideological and Political Teaching of College English Courses under the Perspective of Cultural Confidence[J]. *Higher Education of Social Science*, 2023, 25(1):44-47.

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