

Influencing Factors and Countermeasures to Improve the Expressive Power of Guzheng Artistry

Surong Zhang

Graduate University of Mongolia, Ulaanbaatar, 11000, Mongolia

Abstract: As one of the traditional Chinese musical instruments, guzheng has a deep cultural heritage and unique artistic charm. The improvement of guzheng's artistic expression is of great significance to the inheritance and development of guzheng culture. This paper analyses the factors affecting the guzheng's artistic expression from the aspects of players' skill level, emotional commitment, music selection and arrangement, as well as the playing environment, and puts forward corresponding countermeasures to improve the performance. Firstly, to improve the players' professionalism, including skills training and music theory learning. Secondly, to cultivate the players' musical emotion, so as to make the performance more infectious. Thirdly, innovate music arrangement and performance techniques to meet the needs of different audiences. Finally, improve the playing environment and equipment to provide good material conditions for playing. Through empirical analyses, this paper verifies the effectiveness of the proposed countermeasures and provides useful insights for the future enhancement of guzheng's expressive power.

Keywords: Guzheng Art; Expressiveness; Influencing Factors; Enhancement Countermeasures.

1. Introduction

As one of the traditional Chinese musical instruments, guzheng has a long history and rich cultural connotation. With the development of modern society, the art of guzheng gradually receives more and more people's attention and love. However, in the inheritance and development process of guzheng art, how to improve its expressive power has become a key issue. The purpose of this paper is to discuss the influencing factors of guzheng's expressive power and the enhancement countermeasures, in order to provide reference for the inheritance and development of guzheng art.

It is of great practical significance to study the influencing factors and enhancement measures of guzheng art expressiveness. Firstly, it helps to enrich the expression form of guzheng art, improve the performer's performance level, and make guzheng art more attractive. Secondly, through the study of the expressiveness of guzheng art, it can promote the dissemination and development of guzheng culture and enhance the sense of national pride. Finally, this study also helps to promote the prosperity of China's traditional music career and provides useful reference for the innovation and development of music field.

2. Influencing Factors of Guzheng Artistic Expression

2.1. Performer's Skill Level

Performer's skill level is one of the important influencing factors of guzheng's artistic expressiveness. As a traditional national musical instrument, guzheng has very high requirements on players' skills. The player's finger dexterity, sense of rhythm, pitch control as well as the understanding and expression of the music will directly affect the artistic expression of guzheng.

Firstly, finger dexterity and accuracy are the foundation of guzheng playing. Players need to master various fingerings and techniques through long time practice, so that their fingers can strike the strings quickly and accurately to achieve

the expected sound effect and rhythm. For some complicated music, players need to have high finger dexterity in order to better express the details and flavour of the music. Secondly, the sense of rhythm is an important aspect of guzheng playing. Guzheng music is often characterised by distinctive rhythms, and players need to have a good sense of rhythm in order to accurately grasp the rhythmic changes of the music and make the music more vivid and powerful. In addition, players need to be able to flexibly handle rhythmic changes, such as acceleration and deceleration, in order to enhance the expressive power of the music [1]. Furthermore, pitch control is also the key to guzheng performance. The accuracy of guzheng pitch is crucial to the expressiveness of the music. Players need to make the music more harmonious and beautiful through precise pitch control. In addition, players need to be able to flexibly handle subtle changes in intonation, such as fine-tuning of pitch and changes in timbre, in order to enrich the expressiveness of the music. Finally, the ability to understand and express the music is also an important aspect of guzheng performance. Performers need to deeply understand the connotation and emotion of the music and convey them to the audience. Through their own performance, they can show the beauty of the piece to the fullest. In addition, the performer needs to have a certain improvisation ability, and be able to flexibly play and create according to the emotion and atmosphere of the music, so as to make the music more vivid and interesting.

To sum up, the skill level of the performer has an important influence on the expressive power of guzheng. In order to improve the expressiveness of guzheng art, players need to practice and improve their skill level constantly, including finger dexterity, sense of rhythm, pitch control and the ability to understand and express the music. Only through continuous efforts and practice can the guzheng performance be more exquisite and moving, bringing listeners a more beautiful musical experience [2].

2.2. Performer's Emotional Commitment

Guzheng art is an infectious form of traditional music

performance, and the performer's emotional commitment is crucial to the expressiveness of guzheng art. Emotional engagement refers to the performer's ability to closely combine his emotions with the music content in the process of playing, and convey them to the audience through the music. The emotional input of guzheng players mainly includes the following aspects:

Firstly, the understanding and perception of the music. The player needs to study the background, connotation and emotional expression of the piece in depth in order to convey the emotion of the piece truthfully in the performance. Through the perception of the piece, the performer can better grasp the emotional rhythm of the piece and make the performance more expressive [3]. Secondly, the player's emotional experience. Performers need to have rich emotional experience in order to integrate their own emotions with the music in the performance process. In the performance, the performer should learn how to mobilise their own emotions to make it fit with the emotion of the piece, so as to enhance the expressive power of the performance. Again, the use of playing skills. Performers need to have excellent playing skills in order to accurately convey the emotions to the audience through the strings of guzheng. In the process of playing, players should pay attention to the correctness and proficiency of fingering, as well as the control of tone and volume, so as to make the performance more expressive [4]. In addition, the emotional interaction between the performer and the listener. In the process of playing, the performer needs to establish emotional resonance with the listener, so that the listener can feel the charm of the music. The performer can establish an emotional connection with the listener through eye contact, body language and other ways to enhance the expressiveness of the performance.

In conclusion, the emotional input of the performer is an important part of the guzheng's artistic expressiveness. Through in-depth understanding of the music, rich emotional experience, the use of playing skills and emotional interaction with the audience, the performer can enhance the expressive power of guzheng art and make the music more infectious and vital. During the inheritance and development of guzheng art, performers should continuously explore and hone their ability of emotional input to bring audiences a more wonderful musical experience [5].

2.3. Selection and Arrangement of Musical Pieces

As an important part of Chinese traditional music, the expressive power of guzheng not only depends on the performer's skills and emotional commitment, but is also influenced by the selection and arrangement of music. In guzheng performance, choosing suitable music and arranging it skillfully are important links to improve the artistic expression.

Firstly, the choice of music has a direct influence on the artistic expression of guzheng. Guzheng music is rich and diverse, with different types of classical, folk and modern compositions. When choosing music, players should fully consider their own technical characteristics and performance style to achieve the best performance effect. For example, for technically demanding pieces, players need to have certain fingering and rhythm mastery; for emotionally expressive pieces, players need to have good musical literacy and emotional transmission ability [6]. Secondly, the arrangement of the music is also an important factor to enhance the artistic

expression of guzheng. Reasonable arrangement can enhance the hierarchy and expressiveness of the piece. In the process of arranging, players can make appropriate adaptations and innovations according to the characteristics of the piece and their own playing style. For example, on the basis of keeping the original style of the piece, the performer can make the piece richer and more vivid by adjusting the rhythm, adding decorative notes and other means. In addition, the performer can also increase the expressiveness and infectiousness of the piece through ensemble playing with other instruments, such as erhu, pipa and so on.

To sum up, the selection and arrangement of music is an important factor to enhance the artistic expression of guzheng. Performers should make reasonable choice and clever arrangement on the basis of fully understanding the characteristics of the music and their own playing style to achieve the best performance effect. Through continuous practice and innovation, performers can continuously improve their artistic expression and show the charm of guzheng music to the fullest [7].

2.4. Optimisation of Playing Environment

As a traditional musical instrument, the optimisation of the playing environment is of great significance to improve the artistic expression of guzheng. The performance environment includes not only the physical space, such as the acoustics, temperature, humidity, etc., but also the psychological atmosphere, such as the emotional interaction between the performer and the audience and the creation of atmosphere, etc. The following discusses the optimisation of the performance environment from several aspects. In the following, we will discuss the influence of performance environment optimisation on guzheng's artistic expression from several aspects.

Firstly, good acoustics of the recital hall is one of the key factors to enhance the artistic expression of guzheng. The optimisation of acoustics can make the tone of guzheng fuller and clearer, and enhance the auditory enjoyment of the audience. For this reason, the design of the recital hall and the configuration of the sound equipment should fully consider the characteristics of guzheng music in order to achieve the best acoustic effect [8]. Secondly, the influence of temperature and humidity of the playing environment on guzheng instruments should not be neglected. Too high or too low temperature will affect the intonation and timbre of guzheng, while changes in humidity may lead to deformation of guzheng. Therefore, maintaining a stable temperature and humidity in the playing environment is essential for maintaining the condition of the guzheng and improving the playing effect. In addition, the creation of psychological atmosphere is also an important aspect of performance environment optimisation. The emotional interaction between the performer and the audience, as well as the performer's inner emotional commitment, can effectively enhance the artistic expression of the guzheng. For this reason, the performer should strengthen the communication with the audience, cultivate the emotional resonance with the audience, and at the same time, the audience should respect the performer, keep quiet and listen, and jointly create a good psychological atmosphere. Finally, the optimisation of playing environment is also reflected in the inheritance and promotion of guzheng culture. By holding various kinds of guzheng concerts, competitions, lectures and other activities to strengthen the popularity and dissemination of guzheng art,

it is conducive to improving the public's awareness and appreciation of guzheng art, thus creating favourable conditions for the enhancement of guzheng artistic expression [9].

In conclusion, the optimisation of the playing environment plays an important role in the enhancement of guzheng art expression. By improving the acoustics of the recital hall, regulating the temperature and humidity, creating a good psychological atmosphere and promoting the guzheng culture and other measures, the infectious force and expressive power of guzheng art can be effectively improved, so that guzheng music can be more deeply rooted in people's hearts.

3. Countermeasures for the Enhancement of Guzheng's Artistic Expressiveness

3.1. Improve the Performer's Professionalism

Improving the professionalism of players is one of the important factors to improve the expression of guzheng art. Guzheng players not only need to have solid basic skills, but also need to have a deep understanding of the historical and cultural heritage of the guzheng, master all kinds of playing techniques, and constantly explore and innovate [10].

First of all, guzheng players should systematically learn the basic skills of the guzheng, including fingering, intonation, rhythm and timbre. Through long-term diligent practice, the playing skills can be comprehensively improved. In addition, they should also pay attention to the study of guzheng repertoire, master different styles and genres of repertoire, and broaden their musical horizons. Secondly, guzheng players need to understand the history and culture of guzheng. As a traditional Chinese musical instrument, guzheng's development history and musical culture are of great significance to the improvement of performance level. Through the study of history and culture, players can better grasp the essence of guzheng music and enhance the expressiveness of their performance. In addition, players should continue to explore and innovate. On the basis of traditional repertoire and playing techniques, players can try to combine modern elements to create guzheng music with contemporary characteristics. At the same time, through participating in various competitions and exchange activities, they can learn from other players and enrich their own playing style. Finally, guzheng players should pay attention to the cultivation of psychological quality. In the process of playing, players should keep a calm and concentrated mind to fully show their playing level. At the same time, they should learn to adjust their emotions and integrate their personal feelings into the music to make their performance more infectious.

In conclusion, to improve the professionalism of guzheng players, it is necessary to start from the basic skills training, historical and cultural learning, innovation and exploration and psychological quality training. Only by constantly improving their professionalism, players can better show the charm of guzheng art [11].

3.2. Cultivate Players' Musical Emotion

As a traditional Chinese musical instrument, the cultivation of guzheng's artistic expression is closely related to the player's musical emotion. Musical emotion refers to the emotional attitude and emotional experience shown by the player in the process of playing, which is an important part of the guzheng's artistic expressiveness. Cultivating the player's

musical emotion can not only improve the player's artistic expression, but also make the performance more infectious and vital.

Firstly, players need to deeply understand the cultural connotation and emotional expression of guzheng music. Guzheng music often carries rich cultural background and historical traditions, and players need to learn and study to deeply understand the emotions and moods expressed by guzheng music, so as to better grasp and convey the emotions of the music. Secondly, players need to cultivate their musical perception ability. Musical perception refers to the player's ability to perceive, understand and express music, and it is an important way for the player to cultivate music emotion. Players can cultivate their sensitivity and understanding of music through listening, feeling and thinking, so as to better grasp the emotion of music. In addition, players also need to accumulate playing experience, improve their playing skills and enhance their self-confidence through continuous practice. In the process of playing, players should pay attention to the emotional input and expression, and make the audience feel the charm of guzheng music through the transmission of music emotion.

In conclusion, cultivating players' musical emotion is one of the important countermeasures to enhance the expressive power of guzheng art. Through in-depth understanding of the cultural connotation and emotional expression of guzheng music, cultivating the ability of musical perception, as well as continuous performance practice, players can better convey the emotion of guzheng music and enhance the expressiveness of guzheng art [12].

3.3. Innovative Music Arrangement and Performance Techniques

As a traditional Chinese musical instrument, the enhancement of guzheng's artistic expression not only depends on the performer's skill level, but also is closely related to the innovation of music arrangement and performance techniques. On the basis of traditional music, innovative arrangement can give new vitality to guzheng music and make it more attractive and infectious. At the same time, the innovation of playing skills can expand the range of guzheng's performance, so that it can interpret more music works with different styles.

First of all, in terms of music arrangement, we can try to integrate the guzheng with other instruments or music forms. For example, it can be concertised with Western instruments such as the piano and violin, or combined with ethnic instruments such as the erhu and pipa in order to form a unique musical style. In addition, modern music elements can be integrated into guzheng repertoire, such as the melody of pop music and the rhythm of electronic music, in order to attract more young people's attention. Secondly, in terms of playing techniques, innovation can be carried out through the following aspects. Firstly, the expansion of playing techniques, such as the use of special techniques such as glissando, vibrato, overtones, etc., to enrich the tone and expressiveness of guzheng. The second is the combination of left and right hand playing techniques, through the left and right hand playing independently or synergistically, to create more unique musical effects. The third is the use of modern technology, such as electric guzheng, in order to expand the expressiveness and playing space of guzheng [13].

In conclusion, innovative music arrangement and performance techniques are important countermeasures to

enhance the artistic expression of guzheng. Through continuous attempts and exploration, the guzheng music can be made more colourful and better adapted to the aesthetic demands of contemporary people, so as to promote the inheritance and development of guzheng art.

3.4. Improve the Playing Environment and Equipment

As a traditional national instrument, the optimisation of the playing environment and equipment is of great significance to the improvement of artistic expression. First of all, the optimisation of the playing environment is a prerequisite for the improvement of guzheng's artistic expression. A good playing environment can provide a comfortable and quiet playing space for players, which is conducive to the players to devote themselves to music performance. In addition, appropriate temperature, humidity and ventilation conditions also help to maintain and enhance the tone of guzheng performance [14]. Secondly, the quality of playing equipment also has a direct impact on the artistic expression of guzheng. High-quality guzheng instruments have obvious advantages in terms of tone, volume and feel, which help players better convey musical emotions. In addition, the maintenance and tuning of the guzheng is also an important part of ensuring the performance effect. Regular cleaning, care and tuning of guzheng can ensure that the instrument is always in good playing condition. In addition, the development of modern technology provides new ideas for the optimisation of guzheng playing equipment. For example, the use of electronic tuner, sound effect processor and other equipment can enrich the tone and expression of guzheng performance. At the same time, combining guzheng music and visual art through multimedia technology can also enhance the infectious force of the performance and bring a more immersive viewing experience to the audience [15].

In summary, the optimisation of the performance environment and equipment is of great significance to the enhancement of guzheng artistic expression. In order to achieve this goal, we should pay attention to the improvement of the performance environment, improve the quality of the performance equipment, and actively explore the application of modern technology in guzheng performance, with a view to contributing to the inheritance and development of guzheng art.

4. Empirical Analysis

4.1. Case Selection and Analysis Method

In this paper, we selected the performances of two guzheng players at the same music festival as cases, and observed and analysed the artistic expression of their guzheng performances respectively. In order to comprehensively assess the performers' expressiveness, we conducted a comprehensive evaluation in terms of playing technique, emotional commitment, musical arrangement and performance environment [16].

Firstly, in terms of playing technique, we focused on the performers' performance in terms of fingering, intonation, timbre and rhythm. By observing and comparing the performances of the two performers, we found that the level of technique had a significant impact on the artistic expression of the guzheng. Superb playing skills make the notes fuller and more infectious, presenting a unique musical experience for the audience. Secondly, in terms of emotional

engagement, we paid attention to the performer's expression, body language and interaction with the music during the performance. Through comparative analyses, we found that emotional engagement also has an important impact on the artistic expression of the guzheng. Performers are able to closely integrate their personal emotions with the music so that the audience can better feel the connotations conveyed by the music [17]. Next, in terms of musical arrangement, we paid attention to the performers' handling of the structure of the piece, innovation, and co-ordination with other instruments during the performance. By comparing the two performers, we found that clever music arrangement can enhance the artistic expression of guzheng and bring the audience a rich and diverse musical experience. Finally, in terms of the performance environment, we focused on factors such as the performance venue, acoustic equipment, and audience atmosphere. A good performance environment can help to enhance the artistic expression of guzheng, enable the performers to perform better, and provide the audience with a high-quality concert experience [18].

Through the empirical analysis of the above four aspects, we draw the following insights: performers should improve their skills, fully invest in their emotions, innovate music arrangements, and pay attention to the optimisation of the performance environment, so as to enhance the artistic expression of the guzheng. At the same time, music festivals and performance venues and other related practitioners should also pay attention to the creation of the performance environment to create a high-quality music experience space for performers and audiences.

4.2. Case Study Results

In the case study, we selected the performance of the famous guzheng player Wang Zhongshan as the research object. Through observing and analysing Wang Zhongshan's performance of 'High Mountains and Flowing Water', we drew some conclusions about the enhancement of guzheng artistic expression [19].

Firstly, Wang Zhongshan demonstrated a high level of skill during his performance. He skilfully used various fingerings and techniques, which made the piece smooth and natural in performance. This shows that the skill level of the performer is of great significance to the enhancement of the artistic expression of the guzheng. Secondly, Wang Zhongshan fully invested his emotions in his performance. Through his understanding and feeling of the piece, he integrates his emotions with the music, making the piece more infectious. This suggests that the performer's emotional input is also crucial to the enhancement of the guzheng's artistic expression [20]. In addition, when Wang Zhongshan performed 'High Mountains and Flowing Water', he made a clever arrangement and interpretation of the piece. He used innovative performance techniques, which made the piece add new elements while maintaining the traditional flavour. This suggests that the selection and arrangement of music and the innovation of playing techniques are also important measures to enhance the artistic expression of the guzheng. Finally, Wang Zhongshan fully optimised the playing environment during his performance. He chose a quiet and comfortable playing space and ensured the quality of the playing equipment. This enabled him to better focus on his performance and further enhance the artistic expression of the guzheng.

In summary, through the case study of Wang Zhongshan's

performance of 'High Mountains and Flowing Water', we can draw the following conclusions: improving the professionalism of the performer, cultivating the performer's musical emotion, innovating musical arrangements and performance techniques, as well as improving the performance environment and equipment are all important countermeasures to enhance the artistic expression of the guzheng. The implementation of these measures will help the inheritance and development of guzheng art, so that more people can appreciate the charm of guzheng art.

4.3. Implications for Enhancing Guzheng Artistic Expressiveness

Through the research on the influencing factors and measures to improve the expressiveness of guzheng art, we can draw the following insights.

Firstly, the skill level of the performer has an important influence on the artistic expression of guzheng. Therefore, improving the professionalism of the players is the key to improve the artistic expression of guzheng. Performers not only need to master the playing techniques, but also need to have a deep understanding of the music theory and historical background of the guzheng. In addition, the performers should also learn from the experience of excellent performers to improve their performance level. Secondly, the player's emotional commitment is crucial to the artistic expression of guzheng. Guzheng music has rich emotional connotations, and players need to integrate their own emotions with the music through deep understanding of the piece, so as to convey them to the audience. Cultivating players' musical emotion can help them better express the charm of guzheng music. Once again, the choice and arrangement of music is also an important factor affecting the artistic expression of guzheng. Players should choose suitable music pieces to perform according to their own characteristics and audience's preferences. At the same time, players can also make guzheng music more contemporary and attractive through innovative music arrangement and performance techniques. Finally, the optimisation of the playing environment also has a great influence on the artistic expression of guzheng. A good performance environment can improve the performer's performance state and enhance the audience's appreciation experience. Therefore, the performers and the organisers should pay attention to the arrangement of the performance venue and the debugging of the sound equipment, so as to present a high-quality guzheng concert for the audience.

In conclusion, to improve the artistic expression of guzheng, it is necessary to start from many aspects, including improving the professionalism of the performers, cultivating the musical emotion of the performers, innovating the music arrangement and performance skills, and improving the performance environment and equipment, etc. Through the implementation of these countermeasures, we can enhance the performance experience of the audience, and also enhance the audience's appreciation of guzheng. Through the implementation of these countermeasures, we can expect the guzheng art to be more brilliant in the future development.

5. Conclusion

As one of the traditional Chinese musical instruments, the enhancement of the guzheng's artistic expression is not only related to the inheritance and development of music culture, but also of great significance to the emotional communication

between the performer and the audience. This paper analyses the factors affecting the artistic expression of guzheng from the aspects of players' skill level, emotional commitment, music selection and arrangement, and the optimization of the playing environment, and puts forward the corresponding enhancement countermeasures.

First of all, improving the professionalism of the players is the basis for improving the artistic expression of guzheng. Performers should continuously hone their skills through systematic study and practice to improve their understanding and expression of guzheng music. Secondly, they should cultivate their musical emotion, so that they can better combine their personal emotion with the music, thus making their performance more infectious. In addition, innovation in music arrangement and performance techniques is also an important way to enhance the expressive power of guzheng. On the basis of respecting the tradition, players can try new arrangements and performance methods to make guzheng music richer and more diversified. Finally, improving the playing environment and equipment to provide players with good playing conditions is also an important factor to improve the artistic expression of guzheng.

In general, the improvement of guzheng's artistic expression is a systematic project, which requires players to make efforts in many aspects. By constantly improving their own quality and deepening their understanding of music, players can make guzheng music more vivid and three-dimensional, so as to better inherit and carry forward the excellent guzheng culture in China.

References

- [1] Zhang Yiliang. Factors affecting the artistic expressiveness of guzheng and its enhancement strategy[J]. *Art Review*,2023,(21):177-182.
- [2] Zhou Meixian. Musical Expressiveness in Guzheng Art--A Review of 'Teaching and Performing Contemporary Guzheng Masterpieces'[J]. *Chinese Grease*,2023,48(05):169.
- [3] WANG Chen, YIN Mingjuan. Commonality treatment and artistic value performance of different voice parts in guzheng repertoire--Taking the repertoire 'Jade' as an example[J]. *Theatre House*,2023,(07):87-89.
- [4] Li Sijing,Hu Tingting. Analysis of 'Situational' Expression and Exploration of Playing Technique in Guzheng Teaching--Taking the Zheng Song 'Desert Walk' as an Example[J]. *Drama House*,2023,(05):100-102.
- [5] Guo Zehua. Musical Expression in Guzheng Art[J]. *Drama House*,2023,(05):94-96.
- [6] Yang Tao. Artistic Characteristics and Enhancement Strategies of Guzheng Performance[J]. *Drama House*,2022,(24):57-59.
- [7] Chen Mingyu. Analysis of the Path of Strengthening Musical Expression in Guzheng Performance[J]. *Art Review*,2022,(13):77-80.
- [8] Jiang Qi. Exploration of expressive path in guzheng music performance[J]. *Art Review*,2022,(08):44-46.
- [9] Li Jiayi. Analysis of Performance Technique of Guzheng 'Autumn Hope'[J]. *Voice of Yellow River*,2022,(08):92-94.
- [10] Wang Yiqiao. Forms and Suggestions for Enhancing the Artistic Expressiveness of Guzheng Performance[J]. *Drama House*,2022,(10):91-93.
- [11] Xu Bingxueer. Importance and main content of basic skills practice in guzheng performance[J]. *Art Review*,2022,(04):55-57.

- [12] Li Shuangyan. Analysis of the Musical Expression of Guzheng Solo Piece 'Linqun'[J]. Yellow River Sound,2022,(02):48-50.
- [13] Song Jin. How to Improve the Musical Expressiveness of Guzheng Performance[J]. Drama House,2022,(03):73-74.
- [14] Wang Xiaozhao. How to Improve the Musical Expression of Guzheng Performance[J]. Yellow River Sound,2021,(10):104-106.
- [15] Liu Mengxi,Liu Mengdi. Exploration of musical expression in guzheng performance art[J]. Journal of Liaoning Teachers' College (Social Science Edition),2021,(02):17-18.
- [16] Qu Hongli. Several principles in the teaching of children's guzheng[J]. Drama House,2021,(10):100-101.
- [17] Yang Yang. The development of guzheng art and the fusion of Beijing opera culture[J]. House of Drama,2021,(06):41-42.
- [18] Shen Mengyue. Stage Expression of Modern Guzheng Works--Taking 'Deep Night' as an Example[J]. Contemporary Music,2021,(02):127-130.
- [19] Lu Yang. Teaching Research on Guzheng Elective Courses for Non-Music Majors in Colleges and Universities[J]. Voice of Yellow River,2020,(22):68-69.
- [20] Zhang Jingyi. Research on the Cultivation Mode of Ethnic Instrumental Music Teacher Training Students in Colleges and Universities--Taking Guzheng Teaching as an Example[J]. Art Review,2020,(20):109-111.