

## *Retraction*

# **Retracted: Function of Psychological Analysis of Painting Based on Image Information in Cultivating College Students' Entrepreneurship**

### **Journal of Sensors**

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This article has been retracted by Hindawi following an investigation undertaken by the publisher [1]. This investigation has uncovered evidence of one or more of the following indicators of systematic manipulation of the publication process:

- (1) Discrepancies in scope
- (2) Discrepancies in the description of the research reported
- (3) Discrepancies between the availability of data and the research described
- (4) Inappropriate citations
- (5) Incoherent, meaningless and/or irrelevant content included in the article
- (6) Peer-review manipulation

The presence of these indicators undermines our confidence in the integrity of the article's content and we cannot, therefore, vouch for its reliability. Please note that this notice is intended solely to alert readers that the content of this article is unreliable. We have not investigated whether authors were aware of or involved in the systematic manipulation of the publication process.

In addition, our investigation has also shown that one or more of the following human-subject reporting requirements has not been met in this article: ethical approval by an Institutional Review Board (IRB) committee or equivalent, patient/participant consent to participate, and/or agreement to publish patient/participant details (where relevant).

Wiley and Hindawi regrets that the usual quality checks did not identify these issues before publication and have since put additional measures in place to safeguard research integrity.

We wish to credit our own Research Integrity and Research Publishing teams and anonymous and named external

researchers and research integrity experts for contributing to this investigation.

The corresponding author, as the representative of all authors, has been given the opportunity to register their agreement or disagreement to this retraction. We have kept a record of any response received.

### **References**

- [1] X. Li and Z. He, "Function of Psychological Analysis of Painting Based on Image Information in Cultivating College Students' Entrepreneurship," *Journal of Sensors*, vol. 2022, Article ID 3564884, 12 pages, 2022.

## Research Article

# Function of Psychological Analysis of Painting Based on Image Information in Cultivating College Students' Entrepreneurship

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Painting psychoanalysis is to allow artists to use nonverbal tools to present their subconscious self and personality characteristics in a safe and acceptable way of painting. College students need to have a correct understanding of them and know whether their personality characteristics are suitable for starting a business. In order to enable college students to better carry out entrepreneurial activities, painting psychological analysis can be integrated into the course of innovation and entrepreneurship education to guide students to analyze their own personality characteristics and better analyze and deal with psychological obstacles that may be encountered in entrepreneurship. This article starts with the lack of education and guidance for students' entrepreneurial psychological quality in existing innovation and entrepreneurship education courses, aims at studying the education and guidance of students' entrepreneurial psychological quality in innovative projects and existing entrepreneurship, and tries to help cultivate college students' entrepreneurial interest through the method of drawing psychoanalysis. Due to the psychological barriers to entrepreneurship in business activities, many students begin to feel fear or frustration about entrepreneurship. Psychological analysis of painting helps to cultivate students' commercial psychological quality. This article proposes a method of drawing psychoanalysis to speculate on students' entrepreneurial desires, and to a certain extent encourage them to take the steps of entrepreneurship bravely in order to contribute to the country's economic development. The experimental results of this article show that more than 70% of college students have a strong interest and desire for entrepreneurship, but less than 30% can put it into practice in the end. Therefore, this article hopes to help students through the psychological analysis of painting psychology and cultivate the psychological quality of entrepreneurship.

## 1. Introduction

Contemporary college students are growing up in the era of knowledge economy. Both the personal development and the national society require college students to have excellent innovative psychological qualities. The college period is a critical period for the cultivation of innovative psychological qualities. Since the 20th century, the world is gradually entering a new era. That was an era of knowledge economy. Most of them rely on high technology and innovation. A new type of talent is who takes the development of science and technology as the driving force to promote the sustained and rapid devel-

opment of the social economy. "Entrepreneurship economics is as an important part of the knowledge economy. Entrepreneurs play an increasingly important role in promoting economic development. Therefore, it can be said that the era of knowledge economy is the era of entrepreneurship. College students are the main force of the knowledge economy and choosing entrepreneurs can reduce recruitment pressure and promote social and economic development and technological progress to effectively maintain social stability and promote sustained and rapid social and economic development. Countries around the world have gradually begun to attach importance to entrepreneurship education for college students.

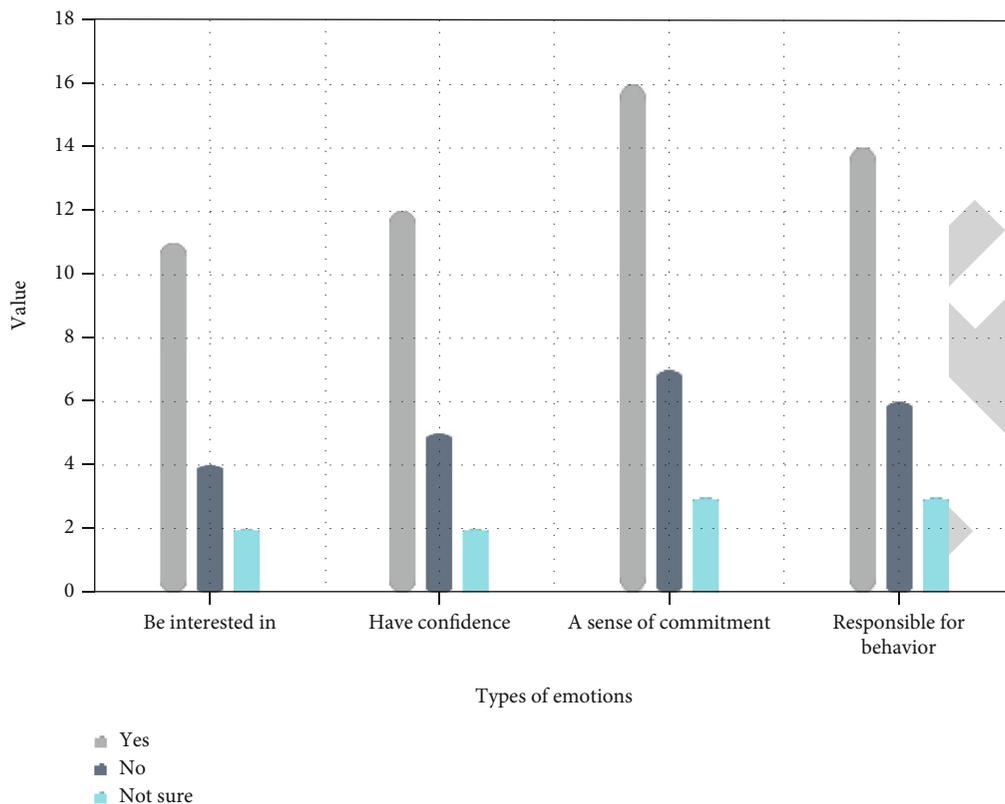


FIGURE 1: A survey of the status quo of college students' entrepreneurial psychological quality.

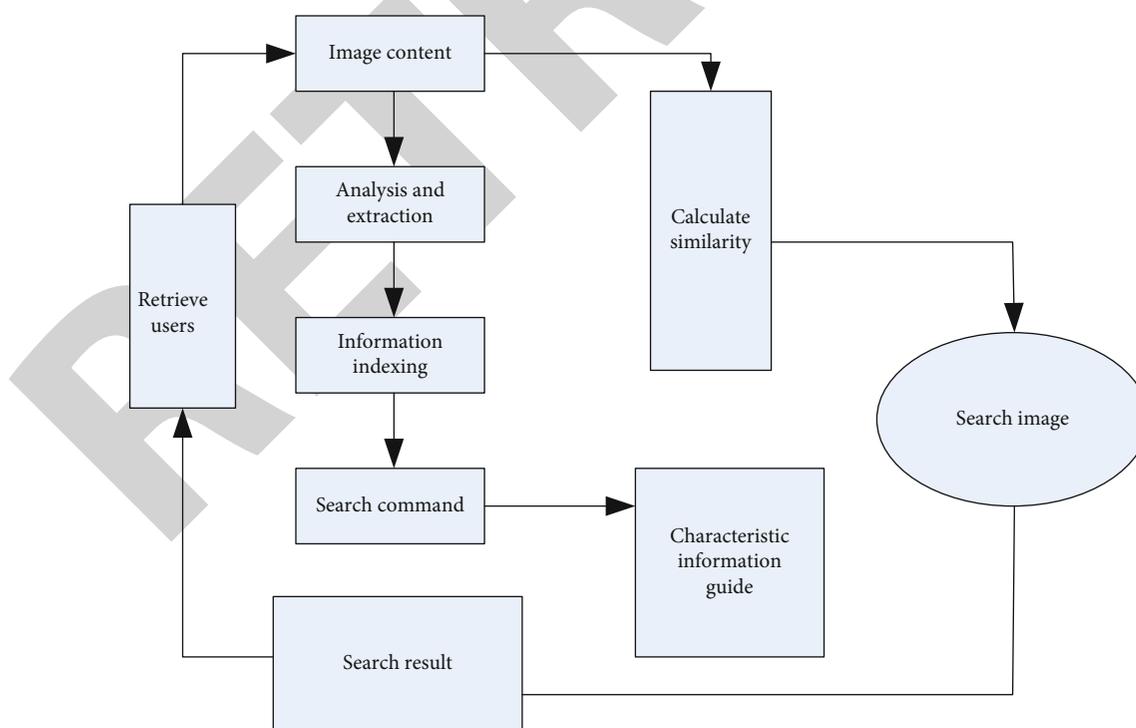


FIGURE 2: Principles of image retrieval based on content features.

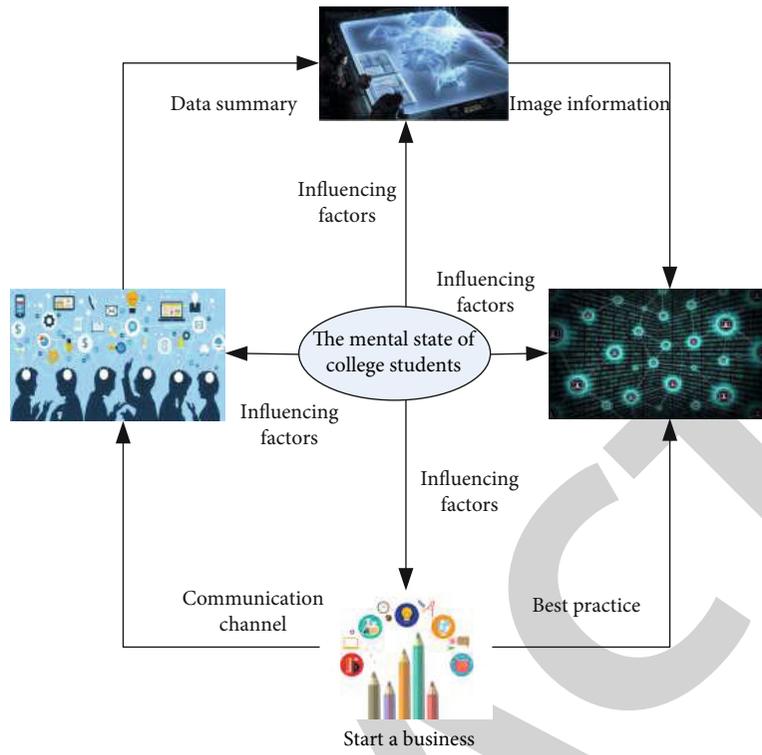


FIGURE 3: Entrepreneurial psychology.

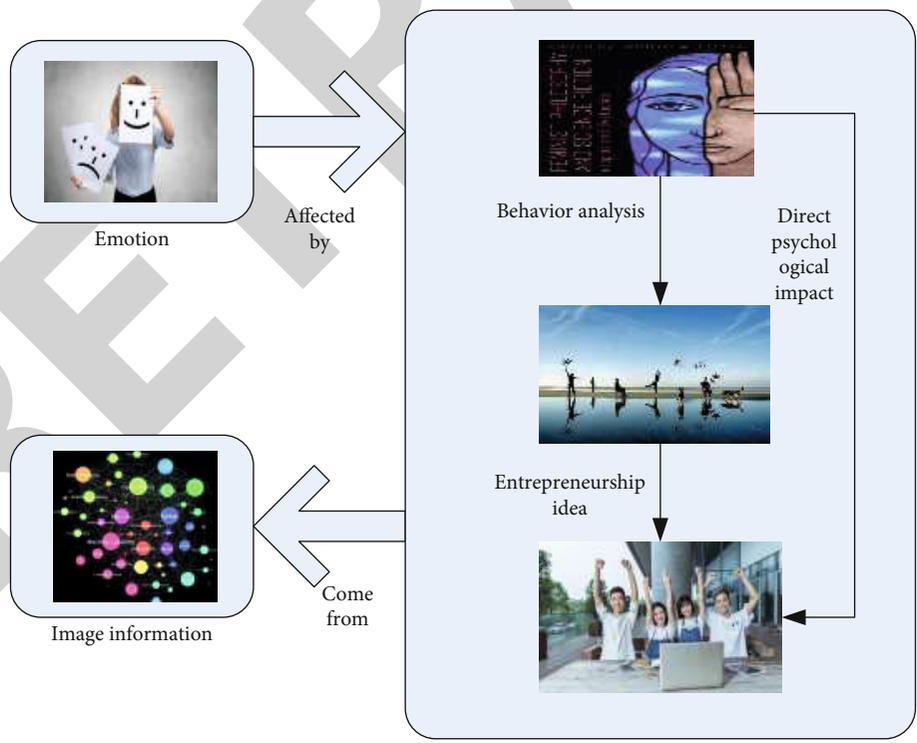


FIGURE 4: The effect of psychological analysis on the cultivation of entrepreneurship psychology.

With the popularization of higher education in China, the number of university graduates is increasing every year. The employment situation of students is becoming more

and more serious, and the difficulty of obtaining employment has become a major problem for social enterprises. In order to alleviate work pressure, the state has issued a

TABLE 1: College students' entrepreneurial intentions.

	Classification	Number	Percent (%)
Gender	Male	175	45.5
	Female	193	31.2
Grade	Freshman	190	36.2
	Sophomore	188	37.5
	Junior	201	29.6
	Senior	206	45.2

TABLE 2: PEP algorithm pruning process.

Nonleaf node	$e(t)$	$e(T)$	$SE[e(T)]$
$t_1$	253.1	25.0	3.4
$t_2$	266.3	27.0	4.9
$t_3$	119.5	18.2	4.5
$t_4$	98.3	19.1	6.5

large number of policies to support student entrepreneurship and strive to “promote employment through entrepreneurship” and promote the difficulties of entrepreneurship and employment. The policies to promote entrepreneurship include many aspects, including financing, business opening, taxation, and entrepreneurship training. For example, for university graduates engaged in self-employed business, the registration fee and management fee shall be exempted within one year from the quasibusiness day; For another example, many places have set up entrepreneurship education and training centers for fresh and efficient graduates to provide project risk assessment and guidance for college students free of charge. If students want to, where possible, self-employment will inevitably become a new trend in the employment growth. It is influenced by traditional employment concepts, even though the country vigorously promotes its development. Therefore, it is very necessary to continuously encourage innovation and entrepreneurship.

In recent years, many experts and scholars have devoted themselves to researching the role of painting psychoanalysis in the cultivation of entrepreneurial psychological quality of college students, and the research field of this subject has become more and more extensive. Bigotti's research aims at deepening our understanding of the cognitive conditions that promote entrepreneurial behavior by integrating the existing literature of entrepreneurship and social psychology. He developed a model to explain the relationship between human capital and social capital, as well as two cognitive dimensions: explanatory style and entrepreneurial self-efficacy, so as to produce positive entrepreneurial results. He proposed a conceptual framework to guide future empirical research on the relationship between human capital, experience, interpretation style, and entrepreneurial self-efficacy; It also puts forward the development of decision matrix to guide decision-makers to improve the possibility of entrepreneurial success. By integrating multiple perspec-

tives, this paper better understands the fuzzy front end of entrepreneurial self-efficacy, which is helpful for us to understand entrepreneurial self-efficacy [1]. The purpose of Edokpolor's research is to evaluate the implementation of entrepreneurial plans and their impact on cultivating key entrepreneurial abilities of undergraduates. This study adopts a survey design. The total population of 8,101 undergraduates from the University of Benin was used. The study used a sample of 382 undergraduate students. A structured questionnaire verified by two experts was used for the data collection. The Cronbach alpha statistical method is used to determine the reliability of the instrument, and the coefficient alpha produced by it is 0.87. With the help of two well-trained research assistants, 20 questionnaire surveys were conducted among the respondents. Use the mean, standard deviation, and  $t$ -test statistics to analyze the data. Research shows that entrepreneurial plans have not been properly implemented, especially at the university level. It also shows that students do not possess the key competencies for entrepreneurship, such as the creativity and innovation skills that help them start and run their own businesses [2]. Kim pointed out that in recent years, with the support of government policies, colleges and universities have carried out various entrepreneurial education. The number of entrepreneurial education in colleges and universities has increased, and the degree of attention to actual entrepreneurial education and improvement measures has continued to increase. Based on previous studies on the effect of entrepreneurship education, this research examines the impact of entrepreneurial ability and entrepreneurial activities on entrepreneurial activities such as entrepreneurial lectures, entrepreneurial lectures, camps, entrepreneurial club activities, and entrepreneurial attitudes and willingness to go to university. Therefore, first, various types of entrepreneurial education in colleges and universities have a positive impact on entrepreneurial ability and entrepreneurial attitude. Secondly, analyze that entrepreneurship education has a positive effect on college students' entrepreneurial willingness. In addition, he also analyzed the entrepreneurial ability and entrepreneurial attitude of individual college students [3].

When the abovementioned experts and scholars studied this subject, they mentioned many aspects of psychoanalysis on the cultivation of entrepreneurial psychological quality, but they were not very comprehensive. Therefore, this article has made some corresponding supplements to illustrate the psychological analysis of painting based on image information. For all aspects of the cultivation of college students' entrepreneurial psychological quality, it also mentioned the bottlenecks encountered by its methods and made a prospect for the future development of this research topic.

## 2. Method of Drawing Psychological Analysis Based on Image Information in the Cultivation of College Students' Entrepreneurial Psychological Quality

2.1. *Psychological Analysis of Painting.* Painting psychoanalysis belongs to a branch of art therapy. Painting is a mental

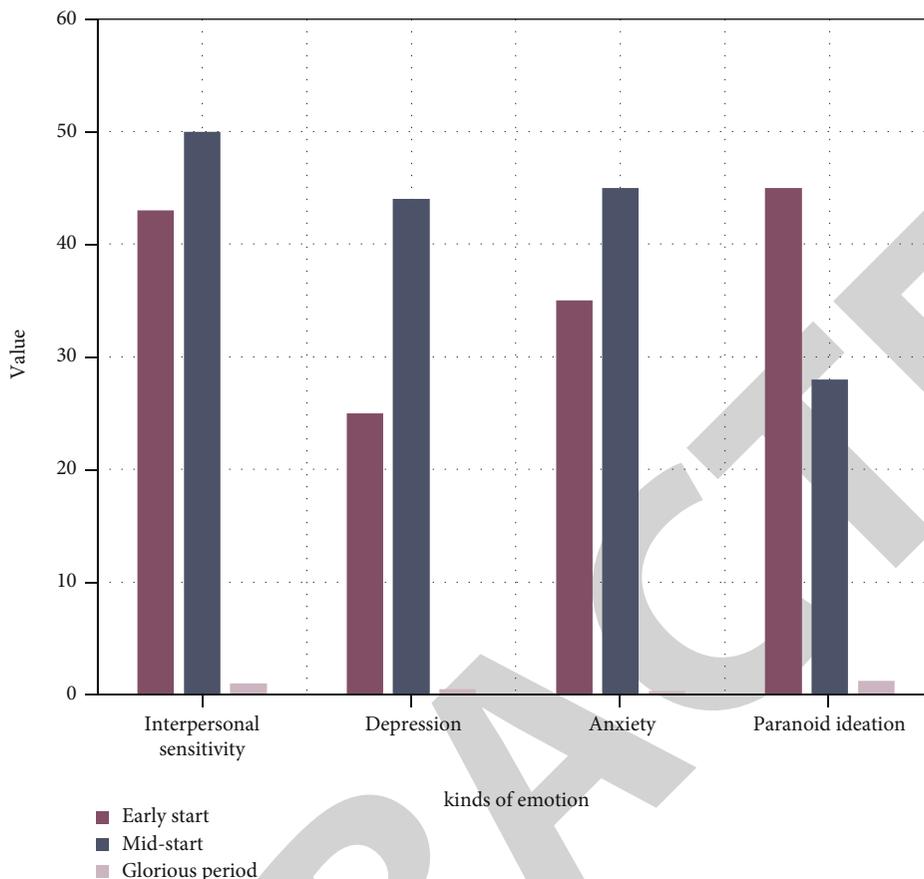


FIGURE 5: Self-scale of symptoms.

health specialty. It uses the creative process of art to transform and improve the physical and mental health of people of all ages. It is based on the belief that the creative process of artistic expression can help people resolve conflicts, cultivate interpersonal skills and management behavior [4], reduce stress, improve self-esteem and self-awareness, and achieve the goal of intuitive art therapy, including the development of art forms such as painting and visual art, illustration, sculpture, and the creative process of psychological counseling and psychotherapy. Art therapy painting belongs to the field of human service, using artistic methods, images, and artistic creation processes. And the patient's response to artistic creation shows the development of personal abilities, personality, interests, concerns, and conflicts. The practice of art therapy is based on the theoretical knowledge of human development and psychology. With the aid of assessment and treatment, including research on cognitive is the psychological motivation. Interpersonal communication is other treatment methods. It is used to relieve emotional conflicts, increase self-awareness, improve social skills, improve behavior management, solve problems, reduce stress, and be realistic. Status is an improvement of self-esteem. In addition to art therapy, there are many kinds of psychotherapy methods, such as cognitive adjustment, psychological counseling, behavioral intervention, and exercise therapy, but some other methods often regulate the mental state through other people's guidance or drugs. When the inter-

TABLE 3: Sample survey result display table.

Statistical indicators <sub>0</sub>	M + SD	Factor score	M + SD
Somatization	129.0 + 95.3	Hostility	1.34 + 9.6
Force	65.3 + 5.6	Terror	1.62 + 36.1
Interpersonal relationship	465.3 + 73.3	Paranoid	3.25 + 9.3
Depression	251.0 + 65.3	Psychotic	1.48 + 5.6
Anxiety	551.3 + 69.1	Easy	8.62 + 5.3

vention stops, the effect is often poor because individuals do not regulate their psychological initiative and cognition. Art therapy is a way to mine and adjust self-awareness through artistic behavior and improve the ability to analyze and deal with problems. Relatively speaking, the effect will be better.

The application of art therapy to the drawing of student counseling and psychological counseling is not only feasible but also very effective. There are many advantages that other processing and technology do not have. For example, painting can simultaneously present events at different times and places on drawing paper, which allows consultants to collect a large amount of data at once. Not only is it encouraged to understand the most accurate cases; it can significantly reduce the consultation time and short-term effect which is

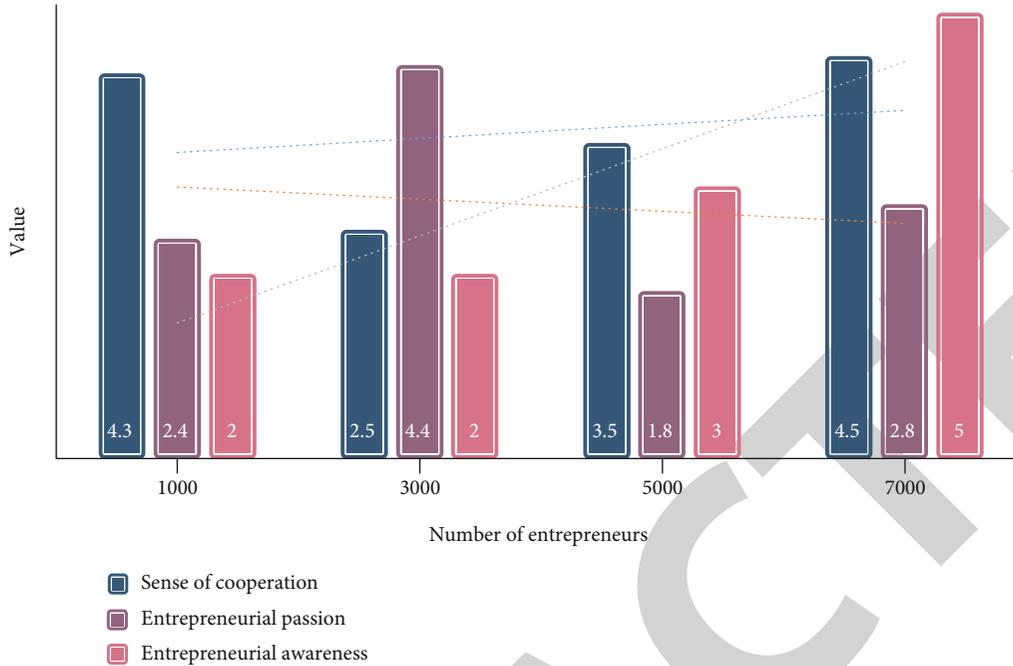


FIGURE 6: Trends of undergraduate entrepreneurship.

TABLE 4: Principles of image retrieval.

Matching engine	Index filter	Search and browse interface	Image information
CBIR	50	20	74
URL	23	54	65
EDC	44	21	45
ICL	78	30	12

an important and urgently needed point in college counseling psychology. The color of art therapy can bypass psychological defense mechanisms and visitor resistance and is a safe and acceptable access to sensitive students. And the inner world is of self-esteem [5].

**2.2. Cultivation of College Students' Entrepreneurial Psychological Quality.** The psychological quality of undergraduate entrepreneurship is the psychological characteristics of personality used by undergraduate entrepreneurs to adjust their own psychology and behavior during the entire business career. It is a comprehensive psychological quality, not only composed of innate factors but also closely related to acquire practice. It also features students' innate temperament and personality, which reflects the will and feelings of student entrepreneurs. Entrepreneurship willingness refers to entrepreneurs who consciously set business goals, control business behaviors based on innovative business goals, and constantly overcome various difficulties and obstacles to achieve success that is the psychological process of entrepreneurs' predetermined goals. The characteristics of entrepreneurs are conscience and perseverance. At the same time, it is full of determination and self-control. Hard work will

only be strengthened and weakened by the positive aspects of entrepreneurship. The negative aspects of business are those that can encourage business diligence and achieve business goals and business success [6, 7]. The research on the entrepreneurial methods of college students found that although modern college students recognize the importance of cooperative entrepreneurship, most students still choose cooperative entrepreneurship. But the quality of innovation and independence is essential to the success of this entrepreneurial spirit and quality. This is the job of modern students, and they have not yet given full play to their role. They are now increasingly dependent on existing technologies and services. But to improve the quality of innovation and independence, few students can work hard to develop new methods and open up new opportunities. Cultivating the psychological quality of a good student is a long and complicated process. Due to the influence of many factors such as society, school, family, and students, the development of college students' entrepreneurial psychological quality is not perfect. Inappropriate entrepreneurial psychological quality is the cause of college students' fear of entrepreneurship. This is also an important psychological factor that affects business failure. From the school level, the lack of students' business psychological quality is closely related to the development of business education.

**2.3. Drawing Psychoanalysis Algorithm.** According to Bayes' theorem [8], there are many psychoanalysis algorithms, and the painting psychoanalysis method based on image information has been widely used in recent years. Therefore, through training data, we can get formula (1):

$$P_r(C = c_i | A_1 = a_1, \dots, A_n = a_n). \quad (1)$$

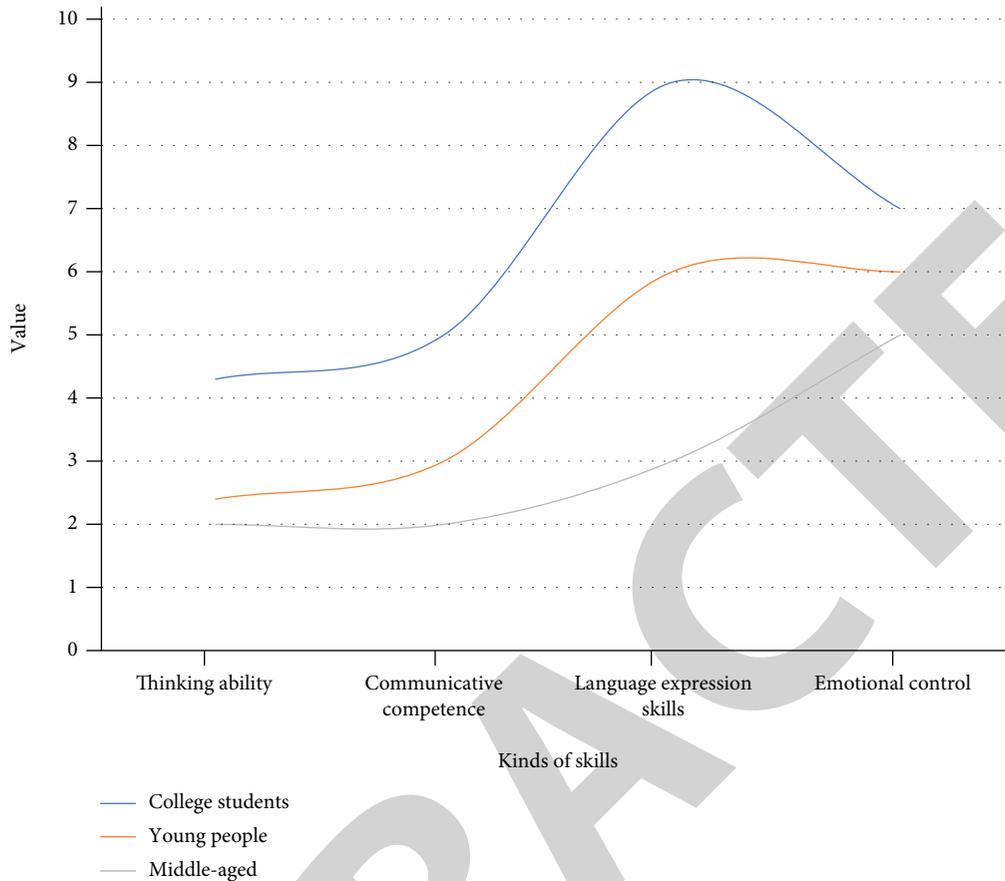


FIGURE 7: Emotion map of college students' entrepreneurship.

TABLE 5: Anxiety degree of college students when starting a business.

Program	Never	Mild	Moderate	Severe	Serious
0-4	0	1	2	4	2
1-5	1	2	3	3	0

According to formula (1), one input layer, one or more hidden layers can be added and a new algorithm can be obtained. The accuracy of this approximate calculation will be higher, and it is more suitable for the study of psychological analysis of students' painting [9].

$$P_{r1} = \frac{P_r(A_1 = a_1, \dots, A_n = a_n | C = c_1)}{P_r(A_1 = a_1, \dots, A_k = a_k)} P_r(C = c_1). \quad (2)$$

We usually use attribute selection metrics to calculate the psychological problems of college students in big data. The specific analysis strategies are as follows (take  $D$  as a sample):

$$Info(D) = - \sum_{i=1}^m p_i \log_2(p_i). \quad (3)$$

According to formula (3), classify according to the samples of attribute  $D$ , and after obtaining the required expected information, it can be obtained by the above formula:

$$Info(D) = \sum_{i=1}^v \frac{|D_i|}{|D|} \times Info(D_i). \quad (4)$$

Since the value of the attribute  $A$  is known, the optimal splitting plan must be obtained according to the organizational direction of the system, so as to obtain a new algorithm [10]:

$$Gain(A) = Info_a(D) \quad (5)$$

Like the basic principle of psychoanalysis,  $A$  uses the information obtained to select attributes to compensate for  $D$ . When biased towards the defects of more valuable attributes, use gain instead of obtaining data as an attribute selection index [11]. Thus, formulas (6) and (7) can be drawn as follows:

$$Gain(A) = \frac{Gain(A)}{SplitInfo(A)}, \quad (6)$$

$$SplitInfo(D) = - \sum_{j=1}^x \frac{|D_1|}{|D|} \times \log 2 \left( \frac{|D_1|}{|D|} \right). \quad (7)$$

In quantitative analysis, in order to make the image information more intuitive and clear, the number of errors is generally used instead of the error rate. There are

$$e(T_i) = e(t) + \frac{1}{2}, \quad (8)$$

$$e^1(T_i) = \sum e(S) + \frac{L(S)}{2}. \quad (9)$$

From this research and my observations and experience in daily counseling and psychological practice, now from the accumulated experience, briefly introduce the experience and sharing of applying painting art to college students' psychological counseling [12], such as formulas (10) and (11):

$$X_b = \frac{Gain(XB)}{SplitInfo_{XB}(D)}, \quad (10)$$

$$r^1(t) = \left[ e(t) + \frac{1}{2} \right] \ln(t). \quad (11)$$

Positive psychology puts forward ideas and implementation methods in the application of college students' entrepreneurial psychology education, and its calculation formula is shown in formula (12):

$$r(T_i) = \frac{\sum_S [e(S) + 1/2]}{\sum_S n(S)}. \quad (12)$$

In the psychological analysis of painting, the items and meanings contained in each factor are shown in the following formula:

$$e^i(T_i) = \sum e(S) + \frac{L(S)}{2}. \quad (13)$$

### 3. Experiment on the Application of Psychological Analysis of Painting Based on Image Information in the Cultivation of College Students' Entrepreneurial Psychological Quality

The self-efficacy of college students is the belief and self-confidence of college students. Specifically, it refers to college students' confidence that their skills can affect their environment and achieve success through consistent behavior. Studies have shown that when the business environment faces risks and uncertainties, people with high self-efficacy think that they are full of opportunities, and they will combine challenges with rewards to fully express the desire and motivation to start a business [13]. In contrast, people with low self-efficacy are considered at risk, connect the challenge with the failure, and show a negative mental state, such as

low self-esteem, avoidance of anxiety, and dependence. Therefore, a good sense of self plays a stable and positive role in the entrepreneurial process of college students. Students with high self-esteem can play high-potential entrepreneurs. Cultivating students' entrepreneurial psychological quality is essential for the formation of a good business personality. The keynote and component analysis of college students' business psychological quality, and efforts to explore effective ways to cultivate college students' business psychological quality: building hope and optimistic cultivation of self-improvement and enhancement of flexibility.

#### 3.1. Experimental Strategies and Experimental Procedures.

Learning courses in the classroom is still the main way to cultivate innovative psychological qualities. It takes lessons to cultivate innovative knowledge and skills among innovative talents. This is because the formation of innovative talents is continuously formed through the process of external knowledge. Therefore, learning a course is a process of inputting information. The introduction of training courses can ensure the universality and effectiveness of the cultivation of innovative psychological qualities. There are many advantages in setting up a special course for cultivating college students' entrepreneurial psychological quality, including professional psychological education consultation and targeted psychological guidance; At the same time, for the possible entrepreneurial psychological problems, we can preanalyze and learn how to deal with the psychological problems in the process of entrepreneurship through the course; You can also accumulate experience through case analysis to lay a solid foundation for entrepreneurship. The disadvantage is that there are not many teachers with the psychological quality of combining professional theory with practice, which will be more difficult than the process of running a school. In addition to changing concepts, mental health education also needs to integrate students' innovative psychological skills and dares to explore and boldly innovate in practice. Mental health education can be cultivated and improved. Classroom teaching of students' innovative psychological quality imparts innovative knowledge, innovative skills, and innovative education and organizes extracurricular student clubs to carry out innovative activities and cultivate innovative abilities. Carrying forward the spirit of innovation is conducive to promoting the improvement of teachers' innovative psychological quality, which in turn affects the development of students' innovative psychological quality. At the same time, it can give full play to the advantages of mental health education, which can provide development guidance and psychological preparation for students in the process of innovation. Mental health education can play a role in psychological adjustment and creative stimulation of innovative activities. In practice, it must be combined with related industries to make innovation activities more integrated [14, 15]. And by participating in these activities, students' innovative psychological quality can be improved. Therefore, combining mental health education and related disciplines to build an innovative practice base is an important foundation for cultivating students' innovative psychological skills. Designing and building educational

facilities including campus networks, multimedia classrooms, and innovative education bases according to the actual situation of the school provides a basis for teaching, scientific research, and innovative education activities and strengthens the construction of noneducational bases. Academic practice is construction to create a good external environment for innovative education. First of all, the standard of teaching conditions should be as high as possible. For example, a research university should be built into a world-class university. Whether it is laboratory equipment, campus, library, and other facilities, the network should be world class. The second is to create an open, multilevel education system to maximize the sharing of teaching conditions.

**3.2. Sample Collection.** In order to cultivate the innovative and entrepreneurial ability of college students [16, 17], many colleges and universities have established innovative experimental teaching centers. Here, a sample survey of experimental data of some colleges and universities is carried out. Scientific evaluation is the first step to obtain psychological quality, and scientific evaluation is an important step in formulating a plan suitable for one's own development according to one's own characteristics. For this step, we provide development skills. Student psychological counseling is not only for students with mental health problems. It is also suitable for those who want to improve the psychological quality of innovation. According to each person's situation and actual situation, help them to develop a development plan and provide assistance according to the actual situation. Social factors have limited influence on entrepreneurship. Business issues are influenced by personal conscience. The value orientation of emotional needs inherits the traditional ethical rules and concepts of the society and will lead to the evaluation of the quality of career and entrepreneurship. Secondly, today's families are mostly just children. Parents do too much, causing students to lack independence and fear difficulties. Finally, under the influence of Chinese culture, parents do not want their children to travel far. Moreover, the understanding of the nature of the project is different [18, 19], which is an obstacle to the psychological inculcation of entrepreneurs.

The essence of decision tree induction is to use a set of rules to classify the analyzed data. Most decision tree algorithms are greedy algorithms. It starts with a set of training samples and related class labels. First, use the algorithm separation criterion to find the separation characteristics of the entire training sample [20, 21], use this function as the root node of the tree, and create corresponding branches according to different attribute values, and the training sample set is also divided into related subsets. Then refer to the above method repeatedly. In a subset of each branch, a branch is created in a node as the tree grows. The training sample set is divided into smaller and smaller subsets. Until all subsets only contain samples of the same category [22].

**3.3. Experimental Data Analysis.** Experimental data shows that in entrepreneurship research, helping students establish their hopes for business success and cultivating students' entrepreneurial awareness and entrepreneurial spirit

is a necessary condition for stimulating students' entrepreneurial activities [23, 24]. Teachers need to help students establish a correct outlook on life, values, and entrepreneurship and set appropriate business goals and business expectations. Excessive business goals can make students feel that goals are difficult and frustrating. If your business goals are too low, it is easy to inhibit students' entrepreneurial spirit. Leading to the failure of entrepreneurship, the cultivation of entrepreneurial mentality must go deep into the four years of university. The focus of first-year students is to create an atmosphere of public opinion that promotes entrepreneurship, promotes the doubling of students' business awareness, and stimulates their business enthusiasm [25].

## 4. Experimental Results and Analysis

**4.1. Summary of Research Results.** Undergraduates may encounter unexpected problems in all aspects of business processes. This will have a huge impact on college students' business commitments. Therefore, as a teacher, students must be guided to improve their ability to overcome adversity. Let students overcome adversity bravely or get up quickly when they fail. First of all, it is necessary to guide students to form a correct outlook on life, values, and entrepreneurship, so that they understand that failure in the entrepreneurial process is inevitable. Failure should be seen as an opportunity to relax and exercise willpower and carefully analyze the reasons for the failure. Failures should be seen as a new starting point. Second, help students list all the resources they can use in the business process. Let students think about how to use the resources reasonably available in difficult times to overcome adversity and achieve goals. In addition, guide students to adjust their thinking and focus on business processes not just the results of entrepreneurship, so that students understand that entrepreneurship is not only a success but also a sense of accomplishment and the joy of overcoming difficulties. In the course of business, we must bless. Through this kind of psychological education, we can improve students' psychological endurance and flexibility in the process of starting a business and increase many possibilities for students' business success.

Entrepreneurship education for college students is an important task for cultivating the creators and successors of modern socialism with Chinese characteristics, and it plays a key role in the construction of college students' ideological, political, and moral construction. Cultivating reserve talents for various undertakings is an important task for national development and significantly improves the effectiveness of ideological and political education, which is conducive to the formation and better performance of the positive characteristics of college students. Their profession has the professional ability to contribute to the economic development of the motherland.

**4.2. Data Analysis of Research Results.** Content-based image extraction technology mainly indexes and retrieves images based on the attributes of the screen content and the title

and object of the image. The technology relies on the computer to export image features and automatically index the features. In the retrieval process, the relevant feature data in the feature index library can be automatically compared according to some features of the image input by the user and can extract the most consistent results and related data. To increase entrepreneurial enthusiasm and achieve the goal of entrepreneurial education, colleges and universities should combine entrepreneurial education with practical education activities. Providing academic education for students can start from the following points: First, colleges and universities can guide colleges and universities. Students will actively start innovation and business society. In the past two years, the school has established innovation and entrepreneurship associations, such as the Entrepreneurship Practice Association. The creative partners and builder partners of the University Student Training Association can effectively stimulate the entrepreneurial enthusiasm of college students. The second is to establish an "Innovative Practice College" to organize students to participate in various entrepreneurial competitions or innovation and entrepreneurship lectures, instruct students to conduct business exchanges and cooperation, expand their horizons, and improve entrepreneurial skills. The third is to organize students to carry out a variety of social practice activities during the holidays. The school organizes students to participate in volunteer activities for the Western Project and the Northwest Liaoning Project. Many students will form a strong entrepreneurial mentality in the process of participating in social practice and innovation and realizing that they are an entrepreneur. Operators and practical ability will be significantly improved.

#### 4.3. Effect of Psychological Analysis on the Cultivation of College Students' Entrepreneurial Psychological Quality.

According to statistics, when asked "Is I very interested in starting a business," 75.2% of students who chose "Yes," 14.8% of students who chose "No," and those who were between "Yes" and "No" Uncertainty accounts for 10%, as shown in Figure 1, which shows that most college students are interested in entrepreneurship and have a certain sense of entrepreneurship.

The image retrieval system is responsible for extracting the attributes of the image input by the user, and then pulling the feature library. Retrieve the most similar images according to user requirements and arrange them in descending order of similarity. The subsystem consists of the following parts, as shown in Figure 2:

In college life, the psychological state of students is generally divided into three stages: the germination period, the preparation period, and the stable development period. Their general psychological feature is to focus on self-knowledge and evaluation. After entering the university, students have a strong desire for self-awareness. I really want to know "What kind of person am I?," "What are my strengths and weaknesses?," and "Where should I develop in the future?" So people often think about themselves and get physical and mental growth through observation and evaluation. The production process of its entrepreneurial psychology is shown in Figure 3:

Under the background of this era of mass entrepreneurship and innovation, college students, as the main force of social entrepreneurship, their innovation and entrepreneurship have attracted the attention of all walks of life and have become the focus of attention in the industry. Therefore, experts have also analyzed psychological analysis methods. With the help of the research, we hope to better help college students cultivate the spirit of innovation. Its role is shown in Figure 4:

According to the innovation and entrepreneurship situation of college students across the country, some questionnaires on the psychological quality of college students' entrepreneurship have been produced. The samples and feedback collected from major colleges and universities are shown in Table 1. It can be seen that there are still many students with employment intentions.

Since each subtree is easier to access during the pruning process of the PEP algorithm, this algorithm is faster and more effective than other algorithms and is recognized as one of the most accurate pruning algorithms. However, the PEP algorithm is top-down. The pruning strategy will lead. "Look look" is the first trimming method. Then, the node satisfies the pruning rule through calculation. When the file is truncated, the node may have child nodes that should not be pruned according to the pruning condition. The specific manifestations are shown in Table 2:

Through the evaluation of some psychological symptoms, we can see the entrepreneurial intentions of some college students, and we can also infer their emotions when they encounter difficulties in entrepreneurship. The detailed performance is shown in Figure 5:

Based on the powerful functions of image information, the scale collaboration group conducted a sample survey of college students from all over the country. According to statistics, there are certain differences in the mood of everyone in the face of difficulties. The specific performance is shown in Table 3:

Good business psychology requires constant restraint in business practice. It is not enough to focus solely on knowledge transfer and personal skill training. The psychological quality of entrepreneurship is inseparable from the continuous cultivation of the training platform. Only through practice can the psychological quality of the enterprise be improved, so that content will be continuously enriched and perfected. The trend of undergraduate entrepreneurship development is shown in Figure 6:

Due to the design of traditional search engines (aggregation architecture, collecting information through web crawlers), they cannot provide highly accurate and real-time database search services. Therefore, a new search box is developed to support "point-to-point," and the evolution of future search engines is distributed by level. According to Table 4, it can be seen as follows:

College students often have many advantages in the field of entrepreneurship. As far as the psychological analysis of painting is concerned, they are better than older groups in controlling emotions, as shown in Figure 7:

On the road of entrepreneurship, college students often encounter many problems, which will trigger some of their

mental illnesses, mild or serious. According to the research of painting psychoanalysis, their anxiety levels are shown in Table 5:

## 5. Conclusions

Students need to change their professional thinking, set long-term goals, and constantly adjust their expectations. Every student has received equal higher education, their skills and qualities have been fully improved and promoted, and they have a full understanding of the basic skills of entrepreneurship. In this context, the business activities faced by students are becoming more and more unimpeded. If college students want to realize their entrepreneurial dreams, they must first understand themselves objectively, improve their tolerance and ability to withstand pressure, give full play to their strengths, and realize their ideals. The self-efficacy of entrepreneurs is the self-confidence of specific entrepreneurs. It refers to the ability of an operator to affect the environment through consistent behavior. Operators with this ability are often confident in their success but also face risk and uncertainty when it comes to innovation. People with high self-confidence in the work environment regard it as an opportunity and consider challenges and efficiency to be related, which fully reflects the desire and motivation of entrepreneurship. Instead of self-publishing, people with low intelligence are considered at risk. In the future, this research topic will also link challenge overcoming with failure to show negative mental states, such as inferiority, avoidance of anxiety, and dependence; ensure sustainable entrepreneurship education; and train students with outstanding entrepreneurial psychological qualities. It is necessary to fully guarantee and fully invest in human, material, and financial resources to carry out entrepreneurship education. Due to insufficient school funding, most universities in China have limited funding for undergraduate business research. Therefore, schools need to broaden funding channels, support additional funding for entrepreneurial education in colleges and universities, and improve students' entrepreneurial psychological quality.

## Data Availability

No data were used to support this study.

## Conflicts of Interest

The authors declare that there are no conflicts of interest regarding the publication of this article.

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