

국내 대학생 창업에 대한 연구 동향

김규태
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Domestic Research Trend of College Students' Start-up and Entrepreneurship

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요 약 본 연구는 2010년부터 2018년까지 한국연구재단의 등재학술지에 게재된 학술논문 172편을 대상으로 대학생 창업에 대한 연구동향을 분석하였다. 분석 결과, 대학생 창업 연구는 창업과 창업가로서의 특성과 창업교육 관련 연구영역과 주제에 초점을 두고 있으며, 창업의지나 기업가정신, 창업교육 등 특정 변수에 대한 변수 관계를 탐색하기 위해 통계분석을 활용한 양적연구에 치중하고 있다는 점을 확인하였다. 향후 연구에서는 창업 아이디어 발굴, 창업환경, 창업제도 등 연구영역에 대한 연구의 확장이 필요하다. 또한, 창업의지, 창업교육 및 기업가정신 등 특정 변수에 초점을 둔 것에서 벗어나 창업 관련 다양한 변수 관계를 탐색할 필요가 있다. 그리고 종속변수로서 창업의지에 영향을 미치는 변수들과의 관계에 대한 메타분석이 필요하다. 아울러, 대학생 창업과 기업가정신이 형성되는 과정과 그 과정에 영향을 미치는 요인들에 대한 이론적 구조를 탐색하고 그 구조에 대한 실증적 탐색을 하는 질적연구와 혼합연구가 활성화될 필요가 있다.

주제어 : 창업, 기업가정신, 창업교육, 연구동향, 대학생

Abstract This study analyzed the research trends of college students' entrepreneurship in 172 scholarly articles in the registered journals of the Korea Research Foundation from 2010 to 2018. The results of this study are as follows: First, the research areas and topics on university students' entrepreneurship focuses on not only characteristics of entrepreneurship and entrepreneur but also entrepreneurship education. Also, the research method was dependent on the quantitative research method coupled with the statistic techniques such as descriptive statistics, correlation, t-test, ANOVA, regression analysis, and structural equation modeling. In future research, it is necessary to expand research areas to startup idea design, startup business environment and policies. Also, it is necessary to explore various variables related to entrepreneurship, not focusing on specific variables such as entrepreneurship, entrepreneurship education as well as to analyze meta analysis of the relationship between the variables influencing on the entrepreneurial intention. In addition, qualitative research and mixed research are needed to explore the process of developing entrepreneurship and the factors affecting the process of entrepreneurship.

Key Words : Entrepreneurship, Entrepreneurship, Entrepreneurship education, Research trends, University students

*This research was supported by 2018 Research Supporting Program through the Hwasung Scholarship & Culture Foundation.

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Received May 3, 2019

Revised June 27, 2019

Accepted July 20, 2019

Published July 28, 2019

1. 서론

최근 대학생의 취업난과 실업 문제가 심각해지고 있는 상황에서 청년 창업을 통한 일자리 창출 및 취업난 극복을 위해 대학생에 대한 창업에 대한 관심이 증대되고 있다. 또한, 4차 산업혁명으로 인해 대학에서는 창업교육 및 비교과 프로그램, 창의보육센터 또는 메이커 스페이스 등을 통한 창업 활성화를 도모하고 있다[1]. 정부도 창업 선도대학 육성사업을 통해 대학생들에게 예비 창업가를 양성하고 지원하고 있다[2-4]. 대학생들도 창업에 대한 관심을 가지고 대학에서 제공하고 있는 창업교육에 참여하여 창업에 필요한 창업의지, 창업효능감, 창업역량을 신장하고 있다[5-7]. 또한, 창업과 관련된 경제적 및 사회적 창업 기회와 환경, 창업 관련 지원 제도에 대한 교육도 체계적으로 받고 있다[8-10]. 대학생의 창업이 활성화됨에 따라 대학생 창업 역량과 특성은 무엇인지, 대학생 창업 성공과 실패를 결정하는 개인적, 제도적 요인은 어떠한지, 대학생 창업 관련 교육, 지원 환경과 제도는 적합하고 효율적인지 등에 대한 학계의 관심도 높아지고 있다.

본 연구에서는 대학생 창업에 대한 학술적 동향은 어떠한가? 대학생 창업에 대한 연구 주제와 방법은 어떠한가? 대학생 창업을 결정하는 변인은 어떠한 것들이 주로 연구되어 왔는가? 등을 탐색해 보고자 한다. 그동안 창업 관련 연구 동향 분석에 대한 분석 노력이 있어왔다. 우선, 1998년~2013년 학술지 논문을 중심으로 학술지, 관련 학문분야, 창업 기업형태, 창업단계, 창업자 특성 등에 대해 분석한 선행연구가 있다[11]. 그런데 이 연구는 대학생의 창업에 초점을 두지 않을뿐더러 일반적으로 수행되는 연구동향의 분석 기준인 연구주제 및 방법은 물론 창업교육과 창업 관련 주요 변수에 대한 분석이 이루어지지 않았다. 또한, 벤처 창업 성공에 대한 연구주제, 연구방법, 이론수준 등 연구동향을 분석하였지만, 2014년 이전 창업 관련 연구에 대한 동향 분석을 한 선행연구도 있었다[12]. 이 연구도 대학생에 초점을 두지 않았으며, 벤처 창업에 국한된 학술논문에 국한하였다는 한계를 지니고 있다.

본 연구는 그동안 국내 연구에서 실시하지 못한 대학생의 창업 관련 논문을 대상으로 연구동향을 분석하였다는 점, 2010년부터 2018년까지 최근 논문을 대상으로 하였다는 점, 대학생 창업 관련 논문이 주로 게재되고 있는 학술지 현황, 대학생 창업 관련 영역과 주제, 주요 연구방법 및 통계분석 기법 분석, 창업교육 및 주요 변수

등을 내용분석법에 의해 체계적으로 분석하였다는 점에서 기존 연구들과 차별화될 수 있다. 따라서 본 연구는 대학생 창업 관련 연구주제와 방법은 물론 창업교육과 관련 변수를 탐색하여 향후 대학생 창업 관련 연구 및 교육에 기초자료로 활용될 것으로 기대된다.

2. 이론적 배경

2.1 창업학의 영역과 주제

창업은 기회를 포착하여 새로운 사업아이디어를 개발하고 필요자원의 조달과 조직의 관리를 통해 실제로 사업을 수행하는 기업가적 과정이다[13]. 이러한 창업에 대한 학문적 분야를 창업학이라고 하며, 창업학의 주요 영역과 주제는 여러 학자들이 다양하게 제시되고 있다. 일반적으로 창업학은 Table 1과 같이 창업과 창업자, 창업아이디어 및 설계, 창업환경, 창업유형, 창업경영, 창업제도와 정책 등을 다루고 있다[13,14]. 창업과 창업자는 창업의 개념과 요인, 기업가정신, 창업자의 특성, 능력, 책임과 윤리, 창업혁신 등을, 창업 아이디어와 설계는 창업아이템에 대한 아이디어와 실행계획서 등을 다룬다. 창업환경은 사업타당성(시장분석, 기술분석, 경제성 분석 등), 창업기회, 창업결정요인, 창업 성공 및 실패 요인 등과, 창업유형은 벤처, 소호, e-biz, 프랜차이즈, 기업가족 등을 다룬다. 창업경영은 창업경영전략, 인사 및 조직 관리, 재무 및 세무 관리, 고객 및 마케팅 관리 등을 다룬다. 창업 제도 및 정책은 창업보육센터, 창업 관련 법규, 창업 정책 및 지원 프로그램 등을 다룬다. 본 연구에서는 이들 창업학에서 다루는 창업 영역과 주제를 기준으로 삼아 대학생 창업 관련 연구 영역과 주제가 무엇인지를 탐색할 것이다. 이러한 점에서 본 연구는 대학생 창업이라는 특수한 맥락과 상황을 고려한 새로운 분석 틀과 기준을 마련하여 실시할지 못하였다는 비판을 받을 수 있다.

Table 1. Areas and Topics of Entrepreneurship and Start-up

Classification	Main Topics
Start-up and Entrepreneur	- Definition and Elements of Start-up - Entrepreneurship - Entrepreneur's Characteristics, Ability, Responsibility and Ethics, etc
Start-up Idea and Design	- Start-up Idea Development - Business Plan, etc
Entrepreneurial Environment	- Business Feasibility - Entrepreneurial Opportunities

Classification	Main Topics
Start-up Business Type	- Success and Failure Factors, etc
	- Venture, SOHO, e-Business - Franchise, Family Firm, etc
Entrepreneurial Management	- Management Strategies
	- Human Resources and Organization
	- Finance Management
	- Marketing Management, etc
Entrepreneurial Regulations and Programs	- Start-up Incubator
	- Start-up Law and Regulation
	- Start-up Supporting Programs, etc

Note: this table was reconstructed based on the books related with Entrepreneurship and Start-up[15-19]

2.2 창업교육

대학에서 예비육성을 위해 실시하고 있는 창업교육은 학점 이수 교과 및 비교과 프로그램으로 구분되어 제공하고 있다. 창업 교과는 Table 2와 같이 기술창업론, 글로벌창업론, 창업과 기업가지인, 창업과 지식재산권, 벤처경영론, 기술창업론, 자금조달과 투자유치, 창업회계론 등 여러 과목으로 개설 운영 중에 있다[20]. 비교과 프로그램은 창업아이템사업화, 창업동아리, 창업캠프, 창업특강, 창업경진대회, 창업캡스톤디자인, 창업보육센터, 메이커 스페이스 등으로 제공되고 있다[21]. 이러한 창업교육은 대학생들의 창업의지, 진로준비행동 등에 효과가 있다는 여러 선행연구에서 입증하였다[22,23].

Table 2. College Courses of Entrepreneurship and Start-up

College	Main Contents
Gachon Univ.	B-ICT Convergence Startup, Family Firm Startup, Game Business Startup, Global E-biz Startup, Tech Startup, Venture Startup, Venture Management, Startup and Intellectual Property, Startup and Marketing, Startup Practice, etc
Keimyung Univ.	Cases in Global Startup, Social Media Startup, Social Enterprise and Appropriate Technology, Art & Culture Startup, Startup Model Design, Startup Item Development, Understanding Entrepreneurship and Startup, Entrepreneurial Accounting, Fashion and Design Startup
Hanyang Univ.	Business Model Schema, Design Thinking and Startup, Understanding Venture Startup, Software Technology Startup, Startup Trend, Funding and Investment Attraction, Entrepreneurship and Startup, Startup Practice, Techno Management
Dongguk Univ.	Global Entrepreneurship, Technology Startup, Entrepreneurship and Innovation, Social Entrepreneurship, Social Entrepreneurship and Leadership, Startup Curriculum Development, Techno Entrepreneurship and Leadership, Investment Attraction and M & A

Source: <https://www.k-startup.go.kr>

2.3 연구동향 분석

연구동향 분석은 일반적으로 특정 학문의 하위 분야나 분야에 대한 연구 성과를 점검하여 현재 상태를 파악하고 미래의 연구방향을 제시하는데 그 목적을 두고 있다 [30]. 연구동향은 주로 연구주제, 연구방법, 관련 변수 등에 대한 경향을 파악하는데, 이는 Table 3과 같이 최근 대학생의 진로 및 취업과 창업 관련 연구동향을 분석한 선행연구에서 입증될 수 있다.

Table 3. Previous Studies of Research Trends

Paper	Topic	Method	Statistics	Variables
Student Leadership[24]	0	0	0	0
Career and Career Counseling[25]	0	0		0
Vocational Basic Competence[26]	0	0	0	
Career Success[27]	0	0		0
Venture Startup Success[12]	0	0		
Career Development[28]	0	0	0	
Career Plateau[29]	0	0	0	
Software Education[30]	0	0	0	

3. 분석 절차, 대상 및 기준

3.1 분석 절차 및 방법

본 연구는 대학생 창업 관련 연구를 체계적으로 분석하기 위하여 문헌연구에 대한 분석 방법 중 하나인 내용 분석법을 활용하였다. 내용분석법은 내용을 일정 단위와 범주를 기준으로 설정하고 수집된 자료에 대한 일치성을 탐색하는 방법이며, 이를 활용한 선행연구로 국내 직업기초능력 연구동향[26], 경력정체[29], 소프트웨어 교육 연구동향[30] 등을 들 수 있다. 내용분석법의 수행 절차는 연구문제 설정, 분석 자료 수집, 분석 기준 및 코딩 시트 개발, 내용 분석 및 결과 해석, 보고서 작성 등의 절차로 수행된다[26,29,30]. 본 연구에서 수행된 내용분석법 절차는 Fig. 1과 같으며, 구체적인 내용은 다음 절들에서 구체적으로 제시된다.

Content Analysis Process	This Study
1. Research Problems	What are research topics, methods, and related variables that are covered in thesis related to college students?
2. Data Collection	172 scholarly articles on college students' entrepreneurship from 2010 to 2018
3. Analysis Criteria & Coding Design	Frequency of Journal, Topics, Methods, Related Variables
4. Data Analysis and Interpretation	Coding and Analysis Using SPSS 24.0 and Result Interpretation
5. Report Writing	Making Tables and Figures for the Analysis Results

Fig. 1. Content Analysis Process in This Study

3.2 분석 대상

본 연구는 부록에서 제시된 한국연구재단의 등재학술지 172편을 대상으로 분석하였다. 등재학술지를 대상으로 분석한 이유는 공인된 기관에서 학술논문의 질적 우수성을 보장하고 있기 때문이다[31]. 또한, 분석대상 논문을 2010년으로 기준으로 설정한 이유는 2011년부터 시작된 창업선도대학육성지원사업과 2012년부터 시작된 산학협력선도대학육성사업이 시작되었고, 이로 인해 다양한 창업지원프로그램 및 교과목 신설 개설 등이 활발하게 진행되었을 것으로 추정되기 때문이다.

본 연구에서 분석한 자료는 한국교육학술정보원의 RISS를 통해 2010년부터 2018년까지 한국연구재단의 등재학술지에 대학생 창업을 주제로 검색된 논문들을 수집하였다. 이들 논문은 3단계를 통해 추출하였다. 1단계는 창업으로 검색된 국내학술지논문 8,259편에서 다시 대학생으로 재검색하여 423편을 추출하였다. 2단계는 등재지에 해당되는 논문을 추출하여 254편을 추출하였다. 3단계는 중복된 논문 제거와 함께 교육학박사 1명과 함께 본 연구에 적합한 논문 172편을 확정하였다.

분석 대상 논문에 대한 연도별 추이는 Fig. 2와 같이 2010년 1편이던 것이 2014년에는 19편으로, 2019년에는 45편으로 2012년 이후부터 지속 증가하고 있는 추세를 보이고 있다. 또한, 분석대상 논문의 저자 수 현황은 Table 3과 같이 2인 공저 논문 79편, 단독 저술 59편, 3인 공저 논문 32편 등으로 나타났다.

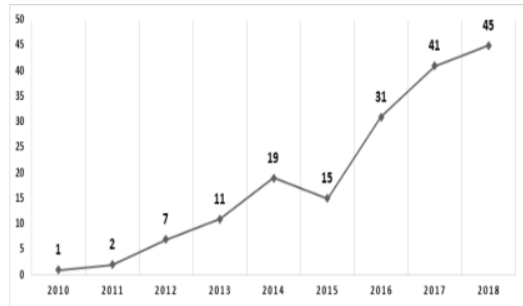


Fig. 2. Transition of Published Paper

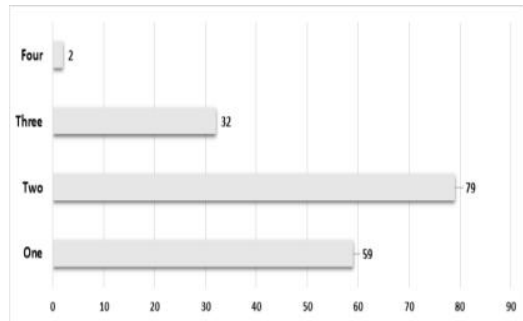


Fig. 3. Author Number of Paper

3.3 분석기준

본 연구에서는 최근 대학생 창업에 대한 연구 논문이 주로 실리는 학술지, 창업 관련 연구 영역, 주제 및 방법은 어떠한지, 그리고 창업 관련 변수와 그 관계는 어떠한지를 탐색하기 위하여 Table 4와 같이 분석 기준을 설정하였다. 이 분석 기준은 전술한 Table 2와 같이 여러 선행연구에서 탐색한 분석 기준을 참고한 것이다. 본 연구에서 학술지 분석은 창업 관련 논문이 게재되는 학술논문의 빈도를 분석하는 것이다. 연구영역은 Table 1에서 제시된 바와 같이 창업과 창업자, 창업 아이디어 및 설계, 창업환경, 창업유형, 창업경영, 창업 제도와 정책과 함께 창업교육으로 설정하여 분석하였으며, 연구주제는 각 주제에 대한 빈도로 분석하였다. 연구방법은 문헌연구, 양적연구, 질적연구, 혼합연구 등 일반적으로 분류되는 유형으로, 양적연구를 위해 활용한 통계기법도 기술통계, t검정, ANOVA, 회귀분석, 구조방정식 등으로 분석한 논문에서 활용한 기법들을 기준으로 그 빈도를 분석하였다. 마지막으로 변수관계는 독립, 종속, 매개, 조절 변수의 빈도와 함께 이들 변수의 관계에 대한 빈도를 분석하였다.

Table 4. Analysis Criteria for This Study

Classification	Analysis Criteria
Journal	The most published Journal
Research Area	<ul style="list-style-type: none"> - Start-up and Entrepreneur - Start-up Idea and Design - Entrepreneurial Environment - Start-up Business Type - Entrepreneurial Management - Entrepreneurial Regulations and Program - Startup Education
Research Topics	The Most Frequent research Topics (Entrepreneurial Intention, Entrepreneurship, Entrepreneurial Self-Efficacy, etc)
Research Methods	<ul style="list-style-type: none"> - Literature Review - Quantitative Research - Qualitative Research - Mixed Method Research
Statistics Analysis	- Descriptive Statistics, t-test, ANOVA Regression, Structural Equation Modeling, etc
Variables	<ul style="list-style-type: none"> - Independent, Dependent, Mediating, Moderating Variable - Relationship among Variables

4. 연구결과

4.1 학술지 현황

분석 대상 논문은 벤처창업연구, 경영교육연구, 한국창업학회지, 한국융합학회논문지 등 총 43개 학술지에 게재되었다. 창업 관련 논문이 많이 게재되고 있는 학술지는 Table 5와 같이 벤처창업연구 48편, 경영교육연구 19편, 한국창업학회지 17편, 한국디지털정책학회논문지 6편 순이었다.

Table 5. The Most Published Journals

Journal	Published Paper
Asia-Pacific Journal of Business Venturing and Entrepreneurship	48
Journal of Business Education	19
Journal of the Korean Entrepreneurship Society	17
Journal of Digital Convergence	6
Tourism & Leisure Research	5
Korea Journal of Business Administration	4
Journal of Industrial Economics and Business	4
Journal of Foodservice Management	4
The Journal of Small Business Innovation	4
Journal of the Korea Academia-Industrial Cooperation Society	4
Journal of the Korea Convergence Society	3
The Journal of the Korea Contents Association	3

4.2 연구영역

대학생 창업과 관련된 논문에서 주로 다루어진 주제 영역은 Fig. 4와 같이 창업과 창업자 영역이 가장 많았으며, 그 다음으로는 창업교육, 창업제도 및 정책, 창업환경 등 순이었으며, 창업 아이디어와 설계, 창업유형 관련 논문은 없는 것으로 나타났다.

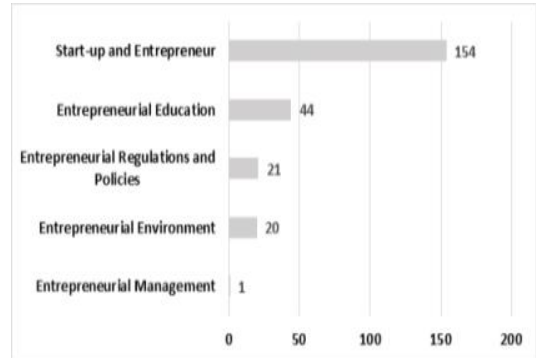


Fig. 4. Frequency of Research Area

4.3 연구주제

대학생 창업 관련 논문에서 주로 활용되는 주제어는 총 162개이었다. 이들 주제어 중 주로 연구되고 있는 주제어는 Table 6과 같이 창업의지, 기업가정신, 창업교육, 자기효능감, 창업효능감, 창업지원프로그램, 창의성, 창업동기, 창업역량, 창업동기, 성취욕구, 교육만족도, 위험감수성향 순으로 나타났다.

Table 6. The Frequency of Research Topics

Frequency	Topics
119	Entrepreneurial Intention
43	Entrepreneurship
34	Entrepreneurship Education
26	Self-Efficacy
20	Entrepreneurial Self-Efficacy
12	Startup Support Program, Creativity
11	Entrepreneurial Motivation, Entrepreneurial Competence, Entrepreneurial Attitude
10	Need-for-Achievement, Educational Satisfaction
9	Risk-Taking Orientation
7	Opportunity Recognition, Fear on Failure, Innovativeness
6	Subjective Norm
5	Relational Support, Big Five Personality, Startup Club, Employability
4	Planned Behavior, Entrepreneurial Characteristics, Social Support
3	Self-Leadership, Entrepreneurial Environment

4.4 연구방법

대학생 창업과 관련된 논문에서 활용한 연구방법은 Fig. 5와 같이 대부분 통계분석을 활용한 양적연구인 것으로 나타났으며, 창업에 관한 질적연구나 혼합연구는 미비하였다.

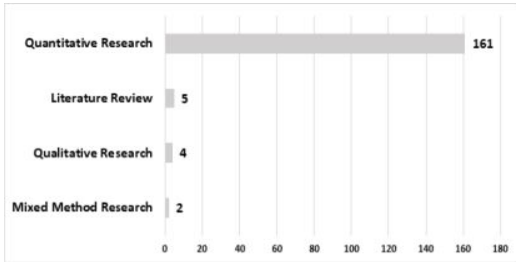


Fig. 5. Frequency of Research Method

양적연구를 위해 활용한 통계방법은 Fig. 6와 같이 기술통계, 요인분석 및 신뢰도 분석, 상관관계, 평균비교(t검정, 분석분석), 위계적 회귀분석, 구조방정식, 중다회귀분석 순으로 나타났다.

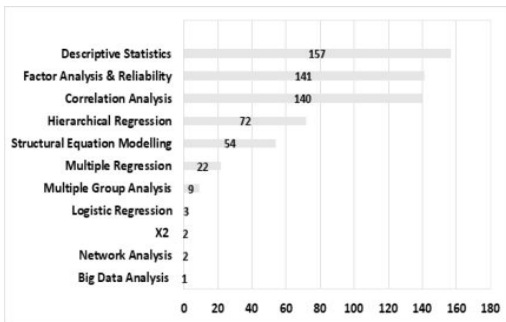


Fig. 6. Frequency of Statistics Analysis Method

4.5 창업교육

대학생에게 있어 창업과 기업가정신의 함양은 대학에서 제공되는 창업교육을 통해 이루어진다. 이러한 점에서 창업교육과 관련된 연구에 대한 동향을 살펴보았다. 창업교육 관련 연구는 Fig. 7과 같이 대부분 교과 및 비교과 활동에 대한 조사를 통해 창업교육의 효과를 탐색하는 연구가 대부분을 차지했다. 또한, 창업교육의 방법인 창업동아리, 현장연구, 멘토링, 현장체험, 창업캠프 등에 대한 효과를 검증하는 연구들이었다. 아울러 창업교육을 통해 배양하는 효과를 탐색한 변수로는 Fig. 8과 같이 창업의지가 가장 많았고, 그 다음으로는 자기효능감, 기업가정신, 창업효능감 등 순이었다.

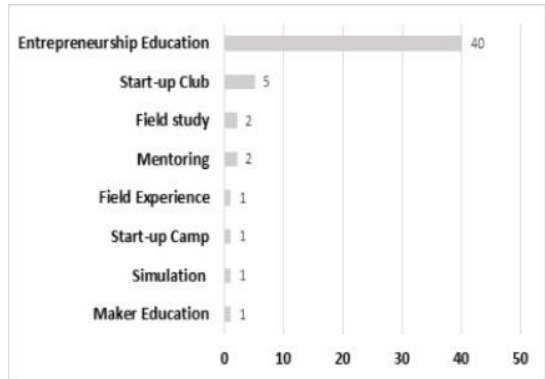


Fig. 7. Frequency of Entrepreneurship Education

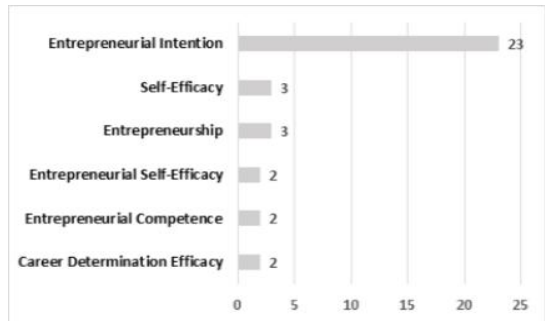


Fig. 8. Variables Influenced by Entrepreneurship Education

4.5 창업 관련 변수

측정변수는 일반적으로 독립변수, 종속변수, 매개변수, 조절변수로 구분된다. 대학생 창업 관련 종속변수는 Table 7과 같이 대부분 창업의지가 많았고, 다음으로 창업효능감, 창업동기와 창업태도 등 순서로 나타났다.

Table 7. The Frequency of Dependent Variable

Frequency	Variable
109	Entrepreneurial Intention
9	Entrepreneurial Self-Efficacy
5	Entrepreneurial Motivation, Employability
4	Entrepreneurship, Entrepreneurial Attitude
3	Entrepreneurial Competence

대학생 창업에 있어 주요 독립변수는 Table 8과 같이 창업교육, 자기효능감, 기업가정신, 성취욕구, 모험위험성향, 창업동기와 창업지원프로그램 등으로 나타났다.

Table 8. The Frequency of Independent Variable

Frequency	Variable
22	Entrepreneurship Education
19	Self-efficacy
13	Entrepreneurship
10	Need-for-Achievement
7	Risk-Taking Orientation
6	Entrepreneurial Motivation, Startup Support Program
5	Self-Leadership
4	Relational Support, Role Model, Subjective Norm, Entrepreneurial Competence Entrepreneurial Intention, Entrepreneurial Attitude, Entrepreneurial Environment, Innovativeness
3	Big Five Personality, Mentoring, Entrepreneurial Self-Efficacy, Creativity

대학생 창업에 있어 주요 매개변수는 Table 9와 같이 기업가정신, 자기효능감, 창업태도와 창업효능감 순으로 나타났다. 또한, 대학생 창업에 있어 주요 조절변수는 Table 10과 같이 성별, 창업교육, 전공, 창업동아리 참여 유무 등으로 나타났다.

Table 9. The Frequency of Mediating Variable

Frequency	Variable
22	Entrepreneurship
8	Self-efficacy
7	Entrepreneurial Attitude, Entrepreneurial Self-Efficacy
4	Educational Satisfaction, Entrepreneurial Intention
3	Subjective Norm, Entrepreneurial Motivation, Entrepreneurial Competence
2	Opportunity Recognition, Social Support, Subjective Norm, Perceived Control, Entrepreneurship Education, Learning Flow

Table 10. The Frequency of Moderating Variable

Frequency	Variable
6	Gender
5	Entrepreneurship Education
2	Major, Start-up Club

변수 간 관계는 대부분 연구에서 종속변수로 설정하고 있는 창업의지에 영향을 미치는 독립변수는 어떠한 변수들이 많은지를 분석해 보았다. 분석 결과는 Table 11과 같이 창업의지에 대한 독립변수로 창업교육이 가장 많았으며, 그 다음으로 자기효능감, 기업가정신, 성취욕구, 위험감수성향, 창업지원프로그램, 취업동기, 셀프리더십 등 순으로 나타났다.

Table 11. The Relationship between Independent Variables and Entrepreneurial Intention as Dependent Variable

Frequency	Independent Variable
22	Entrepreneurship Education
19	Self-Efficacy
12	Entrepreneurship
10	Need-for-Achievement
7	Risk-Taking Orientation
6	Startup Support Program, Entrepreneurial Motivation
5	Self-Leadership

종속변수인 창업의지와 독립변수로서 빈도가 높은 변수인 창업교육, 자기효능감, 기업가정신 관계에 대한 매개변수와 조절변수가 어떠한지를 분석한 결과, 탐색되어 왔는지를 분석한 결과, 창업교육과 창업의지 관계에 대해 매개변수는 창업태도, 창업동기, 창업효능감, 창업역량이, 조절변수로는 전공만족도가 탐색되었다. 또한, 자기효능감과 창업의지 관계에서는 매개변수로 창업참여와 창의역량이, 조절변수로 창업참여이 탐색되었다. 기업가정신과 창업의지 관계에서는 매개변수로 창업태도, 실패에 대한 두려움, 기회인식이, 조절변수로 성별과 전공이 탐색되었다.

5. 논의 및 결론

본 연구는 최근 대학생 창업에 대한 연구 실적이 주로 게재되고 있는 학술지는 무엇이며, 창업 관련 논문은 어떠한 연구 영역, 주제와 연구방법을 주로 활용하고 있으며, 또한 어떠한 변수와 변수의 관계가 탐색되고 있는지를 분석하였으며, 그 결과에 따른 논의를 하면 다음과 같다.

첫째, 창업 관련 논문은 벤처창업연구, 경영교육연구 한국창업학회지, 디지털융복합연구 등 여러 학술지에서 게재되고 있는 것으로 나타났다. 이는 대학생 창업과 관련 교육이 벤처, 관광, 비즈니스, 문화예술, 디자인, 식품 등 여러 전공 분야에서 강조되고 있음으로 관련 전공 학술지에 게재되는 경향을 보인다고 판단된다. 하지만 본 연구에서는 인문사회 및 교육 분야 관련된 학술지에서는 창업 논문이 게재되는 경우가 적었는데, 향후 연구에서는 이들 분야에 대한 창업 및 기업가정신 등에 대한 연구가 활발하게 진행될 필요가 있다고 판단된다.

둘째, 대학생 창업 관련 주제 영역은 창업과 창업자 영역과 창업교육 관련 논문이 대부분을 차지하였다. 이는

대학생들이 예비창업자라는 점에서 창업의지나 창업효능감, 기업가정신 등이 어느 정도 배양되고 있고, 그것을 위한 창업교육에 집중된 결과로 판단된다. 하지만, 창업의지가 있더라도 어떠한 분야의 창업 아이템을 설계할 것이며 그 창업 분야 관련 환경과 제도에 대한 중요하다는 점에서 이에 대한 연구가 활성화될 필요가 있다.

셋째, 대학생 창업 관련 연구주제는 대부분 논문에서 창업의지, 기업가정신, 창업교육, 자기효능감, 창업효능감 등에 집중되어 있는 경향을 보였다. 향후 연구에서는 창업지원프로그램, 창의성, 창업동기, 창업역량, 창업동기, 성취욕구, 교육만족도, 위험감수성향 등 다른 주제에 대한 연구도 활성화될 필요가 있다.

넷째, 대학생 창업 관련 연구방법은 기술통계, 요인분석 및 신뢰도, 상관분석, 평균비교, 회귀분석, 구조방정식 등을 활용한 양적연구가 거의 대부분을 차지하였다. 따라서 향후 연구에서는 창업 및 기업가정신이 배양되는 질적 속성과 환경은 어떠하며, 그 과정에서 어떠한 요인들이 작용하고 있는지, 또한 대학생들이 창업에 대해 인식하고 있는 인지적 개념과 틀은 어떠한가에 대한 의식을 드러내는 질적연구와 혼합연구가 활성화될 필요가 있다.

다섯째, 창업교육과 관련된 논문으로는 대부분 창업 관련 교과 및 비교과 활동에 대한 인식 정도를 측정하기 위해 설정된 창업교육 변수를 활용하여 창업의지, 자기효능감과 창업효능감 등과 같은 다른 변수와의 관계를 규명하는 논문들이 많았다. 또한, 창업교육의 방식인 창업 동아리나 멘토링 등의 효과를 검증하는 연구들이 많았다. 그러나 창업교육을 위한 효과적인 교육과정, 교수학습, 교육평가는 어떠해야 하는지에 대한 논문들은 미흡한 것으로 확인되었는데, 후속연구에서는 이들 연구들이 활성화될 필요가 있다.

여섯째, 창업 관련 종속변수는 창업의지가, 독립변수는 창업교육, 자기효능감, 기업가정신 등이, 매개변수는 매개변수는 기업가정신, 자기효능감, 창업태도와 창업효능감 등이, 조절변수는 성별, 창업교육, 전공 등이 주로 탐색되었다. 또한, 변수 간 관계는 종속변수인 창업의지에 대한 독립변수인 창업교육과 자기효능감, 기업가정신, 성취욕구, 위험감수성향 등의 관계가 많았다. 이러한 점에서 향후 연구에서는 창업의지, 창업교육, 기업가정신, 자기효능감 등 특정 변수에 한정된 것에 벗어나 다양한 변수들 관계를 규명할 필요가 있다. 또한, 종속변수가 창업의지가 많다는 점에서 창업의지에 영향을 미치는 변수들과 창업의지 관계에 대한 메타분석을 실시할 필요가 있다.

종합하면, 본 연구는 대학생 창업 관련 연구는 창업의

지, 기업가정신과 창업효능감 등과 같은 창업가로서 지녀야 하는 특성과 대학에서 제공되는 창업교육에 초점을 두고 있으며, 창업의지나 기업가정신, 창업교육 등 특정 변수에 초점을 둔 변수 간 관계를 규명하는 통계분석을 활용한 양적연구가 일반적으로 수행되고 있는 점을 확인하였다.

본 연구는 2010년 이후 대학생 창업 관련 논문에 초점을 두었다는 점에서 2010년 이전의 논문까지 포함한 체계적 문헌 분석이 요청된다. 또한, 본 연구는 대학생 전공 분야별 또는 벤처기업, 문화, 디자인 e-business 등 창업 분야별 연구동향을 실시하지 못하다는 한계가 지니고 있으므로 이에 대한 후속연구가 요청된다. 아울러 본 연구는 창업학에서 다루는 창업 영역과 주제를 대학생 창업 관련 연구 영역과 주제에 대한 분석 기준으로 설정하고 분석하였지만, 대학생 창업이라는 특수성, 즉 전공이나 창업 분야 또는 창업교육(교육과정, 교수학습, 현장 체험 등) 등 새로운 분석 틀과 기준을 설정하여 연구동향을 분석하지 못하였다는 한계를 지니고 있다는 점에서 이를 고려한 후속연구가 요청된다. 마지막으로 본 연구에서는 대학생 창업 관련 172편 논문에 대해서 선별 기준에 따라 항목별 분석하여 선별 기준(학술지 현황, 연구영역, 연구주제, 연구방법, 창업관련 변수 등)을 종합 분석하지 못하였다는 한계가 있다. 향후 연구동향 분석에서는 학술지, 연구주제, 연구방법, 관련 변수 간의 관계를 분석하여 입체적이고 종합적인 연구동향을 제시함으로써 관련 연구가 보다 확장될 수 있는 기초자료를 제공할 필요가 있다.

본 연구가 갖는 학술적 의의는 대학생 창업 관련 연구가 벤처, 관광, 비즈니스, 문화예술, 디자인, 식품 등 여러 분야에서 이루어지고 있지만, 인문사회 및 교육 분야와 관련된 연구로의 외연 확장이 필요함을 확인하였는데 있다. 또한, 대학생 창업 관련 학술적 연구 주제가 창업의지, 기업가정신, 창업교육, 자기효능감, 창업효능감 등에 편중되어 있으므로 창업동기, 창업역량, 창업동기, 기회발견 등 다른 주제로의 확장이 필요함을 확인하였는데 있다. 그리고 연구방법에 있어서도 통계분석을 통한 양적 연구가 주류를 이루고 있으므로 질적연구와 혼합연구로의 접근이 요청됨을 확인하였는데 있다. 이러한 학술적 의의와 함께 본 연구는 대학생들에게 제공되는 대학생 창업 교과 및 비교과 프로그램을 개발하여 적용함에 있어서 본 연구에서 탐색한 대학생 창업 결정 변수를 고려한 교과 교육과정 및 비교과 프로그램을 개발할 필요성을 탐색했다는 점에서 그 실천적 의의가 있다.

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Appendix 1. Paper Lists Analyzed in This Study

Journal	Year	Paper Title
The e-Business Studies	2018	Study of Activating ICT Venture Club for Creation of College Employment
	2015	A Study on the Entrepreneurial Intention Determinant of University Students in the Online and Offline Environment
	2013	A Study on the Influencing of University Students' E-business start-Up intention
Journal of the Korean Data Analysis Society	2017	Influence of Entrepreneurship, Personality Traits, and Need for Entrepreneurial Education on Entrepreneurial Intention in Nursing Students
	2016	The Impact of Leading Universities for Start-up Business Program on the Entrepreneurial Self-Efficacy
Management Information Systems review	2015	Empirical Research on Start-up Intention of Undergraduate
	2014	Effects of Entrepreneurship Education on Entrepreneurial Intention of Undergraduate
Journal of Business Education	2018	A study of facilitating Korean youth startup by analyzing the US and Korean university startup ecosystem
	2018	Effect of Entrepreneurship Education on Psychological Characteristics and Entrepreneurial Attitude of Chinese University Students
	2018	The Effect of Subjective Norm on Entrepreneurial Intention Mediated by Personal Attitude and Perceived Behavioral Control: Focusing on Linan and Chen(2009)' EIM
	2018	A Study on the Influence of Individual Characteristics and Start-Centered on University Students in Busan
	2018	Effect of Relational Support on Entrepreneurial Motivation of Japanese University Students
	2017	Korean and Chinese University Students using Theory of Planned Behavior Expanded with Propensity to Plan and Self-Constructual
	2017	The Influence of University Students' Personal Characteristics on Entrepreneurial Willingness Depending on the Degree of Social Overhead Support
	2017	How Entrepreneurial Role Model Affects on Entrepreneurial Self-Efficacy and Entrepreneurial Motivation of Korean University Students?
	2017	The Structural Relationship among Personality Traits, Employability and Entrepreneurship of the College Student, and Moderating Effect of Gender
	2017	Study on the Effects of Entrepreneurial Competency on Employability and Entrepreneurial Intention of University Student and Moderating Effect of Fear on Start-up
	2016	A Study of Relationship between University Student's Entrepreneurship Education Characteristics and Entrepreneurial Intention
	2016	The Effect of Self-Efficacy and Relational Support on Entrepreneurial Intention of Korean University Students: Focusing on Moderating Role of Relational Support
	2016	Effects of Personality Traits and Self-Leadership on the Entrepreneurial Intention in Korean College Student Mediated by Entrepreneurial Self-Efficacy
2016	The Effect of Individual Characteristics and Environmental Factors on College Students' Entrepreneurial Intentions: Mediating Role of Entrepreneurship Education	
2015	A Study on the Effect of Contextual Factors on Entrepreneurial Intention of Korean University Students	
2014	An Empirical Study on the Effect of Start-up Education and Business Simulation Game	
2013	Influence of Self-Efficacy and Entrepreneurial Participation on Entrepreneurial Intention	
2013	An Empirical Study on the Influence of Entrepreneurship Education Quality and Satisfaction to University Student's Entrepreneurial Intention.	

Journal	Year	Paper Title
	2012	An Empirical Study on Business Start-up Education Preferences and Start-up Intentions of University Students
Journal of Engineering Education Research	2018	A Study on the Effect of Entrepreneurship Education on Career Decision for College Engineering Students
	2017	A Study on the Change in Start-up Competence of College Students Participating in Technology Start-up Education Camp
	2016	Entrepreneurial-Job Search Education's Effects on the Antecedents of University Students' Entrepreneurial-Job Search Intention
Tourism & Leisure Research	2018	The Influence of Self-Efficacy on the Creative Competence and Entrepreneurial Intentions in Physical Education University Students
	2017	The Influence of Entrepreneurial Environmental Factors and Entrepreneurial Knowledge on the Entrepreneurial Intentions in Physical Education University Students
	2016	The Effects of Entrepreneurship on Entrepreneurial Intentions and Entrepreneurship Preparation Behavior by Physical Education Majoring Student
	2013	The Relationship between Entrepreneurial Traits and Entrepreneurial Intention and the Moderating Effect of Socio-cultural Background
	2012	A Study on The Effects of Youth Entrepreneurship Education on Entrepreneurial Intention
Korean Journal of Tourism Research	2014	Study on the Effect of The Start-Up Support Curriculum of the University of the Food Service Related to School Satisfaction and Entrepreneurial Intentions
Korea Journal of Tourism and Hospitality Research	2018	The effects of tourism entrepreneurship education for college students on employment competency
	2017	The moderating effect of a university's entrepreneurship education on the relationship between entrepreneurial traits and entrepreneurial intention
	2014	The Effects of the Foodservice Start-Up Support Factors on College Students' Entrepreneurship and Entrepreneurial Intention in College
International Business Review	2015	A Study on the Effect of Entrepreneurship of Korean and Chinese University Students on Entrepreneurial Intention: Focused on Mediating of Self-efficacy
Journal of International Area Studies	2016	A study on the effect of university entrepreneurship education on entrepreneurial intention in Gangnueng area
Korean Corporation Management Review	2017	Can Virtuous Mind Affect Social Entrepreneurial Intention?
Korea Journal of Business Administration	2018	The Effect of Role Models on Social Competence and Entrepreneurial Attitude
	2018	The Effect of Entrepreneurship on Entrepreneurial Intention to Start a Start-Up: Focused on Mediating Effects of Global Mindset
	2018	The Effect of Role Models on Social Competence and Entrepreneurial Attitude : Focused on Korean and Japanese University Students
	2016	The Effect of Employability on the Entrepreneurial Intention: Focus on Double Mediation Role of Self-Leadership and Self-Efficacy
Asia-Pacific Journal of Business Venturing and Entrepreneurship	2018	The Structural Relationships among Undergraduates' Individual Characteristics, Startup Education, Startup-Relevant Knowledge and the Entrepreneurial Intentions
	2018	The Impact of the Dark Triad of Personality on Nascent Entrepreneurship
	2018	Impact of Startup Support Program on Entrepreneurial Self-efficacy, Opportunity Recognition, Startup Intention of Undergraduate Students
	2018	The Effects of the Protean Career Attitude on Entrepreneurial Intention: Mediating role Employability and Entrepreneurship &

Journal	Year	Paper Title
		Moderating role of Mentoring Experience
	2018	The Moderating Effects of Gender and Major on the Relationship Between Entrepreneurial Orientation and Entrepreneurial Intention
	2018	The Effect of Entrepreneurship on Entrepreneurial Intention: Focusing on Mediating Effects of Fear on Business
	2018	The Effect of Entrepreneurship Education on the Career Path of University Students
	2018	The Effect of Planned Behavior of University Student who Participates in Education for Starting Agricultural Business on Entrepreneurship and Will to Start the Business
	2018	The Effect of Entrepreneurship Education on Entrepreneurial Leadership of University Students
	2017	The Cultural Impacts on Establishing Potential Entrepreneurship
	2017	A Study about the Effect of Team Members' Entrepreneurial Intention, Diversity, and Supporting Activities of Assistants on Team Learning Effectiveness and Educational Satisfaction in the Entrepreneurial Education of University Students through Team Learning
	2017	An Exploratory Study on the Moderated Role of Cognitive Style in Entrepreneurial Process
	2017	Effect of Entrepreneurial Competencies on Entrepreneurial Intention : IT Competency, Creativity Competency, Social Competency, Market Perception Competency
	2017	The Effects of Entrepreneurship Education, Entrepreneurial Competence and Attitude on Undergraduate Entrepreneurial Intention
	2017	Examining the Formation of Entrepreneurial Activities through Cognitive Approach
	2017	The Effect of Career Uncertainty and Career Education on Entrepreneurship and Entrepreneurial Intention of Potential Entrepreneur in Korea
	2017	The Influence of University Entrepreneurship Education's Creativity Capacity to Entrepreneurship Willingness
	2017	A Study on the Relationships between Time Perspective of College Students and Entrepreneurial Self-Efficacy
	2017	An Effect of Compassion, Moral Obligation on Social Entrepreneurial Intention: Examining the Moderating Role of Perceived Social Support
	2016	Investigating the Effect of Social Learning about Entrepreneurship on Creativity
	2016	The Effect of Entrepreneurship Education on Career Decision Self-Efficacy, Career Preparation Behavior and Entrepreneurial Career Intention
	2016	The Study of the Increase of Entrepreneurship and Entrepreneurial Competency Thru Win-Win Type Field Study
	2016	The Study of the Effects of College Student's Creativity and Self-efficacy on Entrepreneurial Intention
	2016	A study on Social Environmental Factors Affecting University Students' Entrepreneurial Intention
	2016	A Comparative Study of the Effect of University Students' Individualism on Entrepreneurial Orientation in Korea and China
	2016	A Study on the Relationship among Religious Commitment, Individual Traits, and Entrepreneurial Intentions of College Students in Korea
	2016	The Effects of Fear of Failure Factors Affecting Entrepreneurial Intentions of Startup Business Candidate
	2016	The Moderating Effects of Core-Self Evaluation on the Relationship Between Entrepreneurial Self-Efficacy and Entrepreneurial Intention, Job-Seeking Stress
	2016	University Students' Starts-up Intention and Its Antecedents : Focusing on

Journal	Year	Paper Title
		Entrepreneurship Education for Freshman Orientation
	2015	A Study of Effect of Self-Leadership by College Student on Recognition of Opportunity on Establishment of Company and Will of Establishing Company : Centered on Mediated Effect of Entrepreneurship
	2015	A Study on the Regulatory Focus, Entrepreneurial Orientation, and Entrepreneurial Intentions of College Students in Korea
	2015	The Study on the Career Reasons Affecting on the Desire of Entrepreneurship Education : Focus on Science and Engineering College Student
	2015	Entrepreneurial intentions for University students Based on Theory of Planned Behaviors
	2015	Effect of Perceived Relational Supports on Entrepreneurial Motivation of Korean and Chinese University Students
	2015	An Empirical Analysis Approach to Modeling an Individual Creativity for the Sake of Enhancing Entrepreneurship
	2015	Relationship Among Self-Determination, Entrepreneurship and Entrepreneurial Intention of University Students in Korea
	2014	Meta-analysis about the study related with foundation
	2014	Effect of Entrepreneurial Education on Entrepreneurial Intention of University Students
	2014	An Empirical Study on the Influence of Entrepreneurship Education Quality and Satisfaction to University Student's Entrepreneurial Intention
	2014	The Study on the Relationship of Entrepreneurship and Professional Values on the Vocational Personality Types of Student
	2014	The Empirical Study on the Relationship Between Mentoring Functions and Young generation Start-up Competence : Focusing on Moderating Effect of Start-up Preliminary period & Start-up Aim Period
	2014	Status of Youth Entrepreneurship in Korea
	2014	An Empirical Study of Students' Start-Up Activities: Integrated Approach of Student-Focused Cognitive Model and Supportive Activities of University
	2014	Determinants of Entrepreneurial Intention among University Students in Korea and China
	2013	Effects of Entrepreneurship Education and Students' Business Incubation Club on Youth Start-ups
	2013	A Study on the Ways to Vitalize Students' Entrepreneurship
	2013	The Study on the College Students' Career Reasons Affecting on Self-efficacy and Entrepreneurial Intention
	2012	University Student's Questionnaire Study for Foundation of Company in Korea
Journal of Industrial Economics and Business	2018	The Effects on the Motivation Factor of Young Entrepreneurs on Entrepreneurial Self-Efficacy and Entrepreneurial Intention
	2013	A Study on Entrepreneurship Education and Entrepreneurial Decision Makings
	2012	The Effect of Potential Entrepreneurial Motivations on Entrepreneurship and Commitment to Starts-up
	2011	The Influence of Home Environment, Career Orientation and Entrepreneurship Education on Entrepreneurial Intentions
Journal of Cultural Product & Design	2018	University and Government Support Education for Convergence Design Entrepreneurship
Asia-pacific Journal of Multimedia Services Convergent with Art, Humanities, and Sociology	2018	A study on Satisfaction of Chinese College Students Interest and Participation in Entrepreneurship Education
	2017	The Structural Relationship between Entrepreneur's Capability, Satisfaction of Entrepreneurship Education, and Entrepreneurship Intention of the University Students

Journal	Year	Paper Title
Journal of Foodservice Management	2017	A Study on the effects of individual environmental factors to Entrepreneurial Intentions, Education, and Motivations
	2017	The Effect of Entrepreneurial Learning Activity on Entrepreneurial Readiness and Entrepreneurial Self-Efficacy of College Students Majoring in Culinary and Foodservice Management
	2014	The Impact of Entrepreneurship on Accounting Education and Entrepreneurial Intentions
	2012	Effects of Individual Trait, Educational, Organizational Factors on Entrepreneurial Intentions in Tourism College Students
Journal of Distribution and Management Research	2017	A Study on the Effects of Entrepreneurship Capability on the Employment Volition
	2017	The Effects of University Entrepreneurial Education Service Quality and Characteristics of Preliminary Founders on the Entrepreneurial Intention
(Journal of Convergence for Information Technology	2018	The Effects of Entrepreneurship on Employability of the College Student
	2018	The Effects of Big 5 personality on Entrepreneurship of the College Student
The Journal of Humanities and Social science	2018	A Study on the Effects of Entrepreneurial Orientation on Employment Possibilities and Business Startup
	2017	A Study on Vocational Education and Entrepreneurship Intention of University Students
	2015	A Study on the Self-Support of Student Startup based on the Grounded Theory
Korean Journal of Human Resources Development	2017	The Effects of Self-Leadership and Self-Efficacy on the Entrepreneurship Intention
	2016	Social Venture Team's Entrepreneurial Learning and Its Influencing Factors : Focused on Social Interaction
The Journal of Internet Electronic Commerce Research	2016	A Phenomenological Study on Entrepreneurship Support Programs affecting the Entrepreneurial Intentions of University Students. Focused on the Leading Universities for Start-up Business Program
(Journal of CEO and Management Studies	2017	The Effects of Young Startup Support System for Start-Up Intention of University Students
Journal of Korean Society for the Scientific Study of Subjectivity	2018	Types of Perception about Start-Up of Nursing College Students
Journal of Convergence Society for SMB	2018	The Effects of Teaching Competency of University's Entrepreneurship Education and Entrepreneurial Education Support on Entrepreneurial Intention
	2016	Regional Adolescent Job Creation Performance Case through Improvement of Youth Start-up Supporting Process
	2014	The Effects of New Store Movement (University Student Field Study) on University Students' Entrepreneurial Intentions and Small Enterprise Owners' Management Performances
	2010	A Comparative Study on Entrepreneurship Among Korea, China, Mongolia, and Cambodia
Journal of Employment and Career	2016	The Effects of the Characteristic of Design Thinking on Customer Orientation and Entrepreneurial Intention of Korean University Students
The Journal of Learner-Centered Curriculum and Instruction	2018	The Effect of Self-Leadership on Entrepreneurial Intention of University Students in Korea: The Mediating Effects of Social Support
	2015	The Influence of Everyday Creativity on Entrepreneurship, Entrepreneurial Intention, and Entrepreneurial Exploration Activities
Journal of the Korea Management Engineers Society	2016	The Impact of the Recognition of Entrepreneurship and Entrepreneurs on the Entrepreneurial Self-efficacy of College Students - Implications for Entrepreneurship Education
(Journal of the Korean Society of Design	2018	The Influence of Positive Psychological Capital on Creativity and Innovation Behavior for Beauty Majored Students

Journal	Year	Paper Title
Culture		
Journal of Digital Convergence	2018	An Analysis of Social Influence on University Students' Job Preferences and Entrepreneurial Intention
	2017	The Effects of Entrepreneurship Education, Individual Environmental Factor and Individual Trait on University Student's Career Decision Self-efficacy
	2014	An Analysis of Factors on College Students' IT Technology Startups will
	2014	A study on the entrepreneurial intention determinants of university students
	2013	Effects on Entrepreneurial Intention by Start-up Environment and Self-efficacy Mediated by Fear of Business Failure
	2012	Established business start-up support Impact on The youth of business performance
orean Corruption Studies Review	2015	On the relationship between creativity, emotional intelligence, entrepreneurship and entrepreneurial intention
Korean Comparative Government Review	2016	The Impact of Local Universities Students' Youth Entrepreneurship on Intention of Start - Up and Its Revitalization Strategies
	2018	Activation Plan for Start-up of University Students through Social Big Data Analysis
Journal of the Korea Society Industrial Information System	2017	A Comparative Study on the Influence of Personality Characteristics on Entrepreneurial Intention of University Students in Four Asian Countries
Journal of the Korea Academia-Industrial Cooperation Society	2018	The Effect of Relational Support on Entrepreneurial Capacity and Entrepreneurial Attitude of University Students
	2016	A Study on Effect of the University Student's Entrepreneurship on Entrepreneurial Self-efficacy and Entrepreneurial Intention
	2015	A Study of the Effect of Entrepreneurial Education on Entrepreneurial Motivation: Focused on Mediating Effect of Entrepreneurship
	2011	Recognition of Business Failure and Success and Entrepreneurial Intention of University Students
Journal of Korea Entertainment Industry Association	2017	The Effects of the Government's Finance, Technology, Business Support System on the Entrepreneurial Intentions of College Students Majoring in Cultural Contents
Journal of the Korea Convergence Society	2018	Effects of Employment Competence on Entrepreneurship and Entrepreneurial Intentions
	2017	Effect on startup mentoring, education satisfaction, and startup intention according to the individual characteristic of university student
	2017	Fostering Entrepreneurship by Maker Education: A Case Study in an Higher Education
Korean Journal of Local Government & Administration Studies	2017	The Effects of Mentoring Education on Self-Efficacy and Entrepreneurial Intention
	2016	Factors affecting start - ups of undergraduates in Korea: Analysis and future policy directions
Culinary Science & Hospitality Research	2013	A Study on the Influence of Entrepreneurial Motivations of College Students Majoring in Foodservice on Entrepreneurial Intentions: Focused on the Moderating Effects by Gender
	2013	A Study on the Effect of Young Entrepreneurs' Growth Factors on Entrepreneurial Capability and Entrepreneurial Intentions: -Focused on the College Students Majoring in Culinary and Foodservice-
JOURNAL OF KOREA REGIONAL ECONOMICS)	2016	A Study on Influential Factors on the Foundation Intentions of Start-up Student Groups
Journal of The Korean Entrepreneurship Society	2018	The Impacts of University Students' Participation into Credit and Non-Credit Startup Education on Entrepreneurial Intention with Mediating Role of the Education Satisfaction and Moderating Role of the University's Startup Support System

Journal	Year	Paper Title
Journal of Digital Convergence	2018	A Study on University Students' Entrepreneurial Attitude and Perception of Agri-venture Business
	2018	The Influence of Behavior Patterns for Opportunity Discovery on Opportunity Recognition and Entrepreneurial Intention
	2018	A Study on the Relationships of Regulatory Focus, Entrepreneurial Orientation, Entrepreneurial Motivation and Entrepreneurial Intention of Korean College Students
	2018	A Study on the Direction of Entrepreneurship Education in the Age of 4 th Industrial Revolution: Focusing on the Effect of Entrepreneurship Education Types
	2018	A Case Study on the Joint Cash-Class of Three University Entrepreneurship Centers in Korea: Focusing on Course Design, Process, and its Effect on Entrepreneurial Efficacy of the Participants
	2018	The Effects of Business Incubator Programs of Government and Universities on College Students' Entrepreneurial Intention of Technology Start-Ups: Entrepreneurship and Perception of the Fourth Industrial Revolution as the Mediators
		A Study on the Impact of Self-Determination on the Entrepreneurial Intention of University Students
	2017	The Influence of University Student' Opportunity Discovery Behaviors on Entrepreneurial Self-efficacy
	2017	A Study on the Recognition about Foundation for University Start-up Club using the Q-Methodology
	2017	The Effect of Undergraduate' Self-Leadership On Entrepreneurial Intention : Focused On Networking Behavior
	2017	The Effect of Career Decision Self-Efficacy and Career Adaptability on Entrepreneurial Intention
	2017	A study of the effects of entrepreneurship education (BizCool) assistance on the entrepreneurial intention of universities
	2017	A Study on the Influencing Factors of University Students' Start-up Intention by Comparison between Countries
	2016	Analysis of Factors Influencing Preference of Founding on the Attitude of University Student's Spinoff Regulation, Company, and Business Restriction : Regulation Effect of Parent's Self-Employed Experience
2014		Factors affecting university students' startup intentions
2012	The Relationship between Enterprise Potential and Entrepreneurial Intention in Korean University Students	
The Korean Society of Sports Science	2016	The effect that entrepreneurial motivation of physical education majors at university has on entrepreneurial intention and entrepreneurial preparation behavior
The Journal of The Contents Association	2018	The Causal Relationship between Korean College Students' Entrepreneurial Intention about Personality Traits, Self-Leadership, Entrepreneurial Efficacy
	2016	The Effects of Teaching Competency of University's Entrepreneurship Education and Entrepreneurial Education Support on Entrepreneurial Intention: The Moderating Role of Entrepreneurship
2014	Effect of Entrepreneur's Characteristics on the Intention of Entrepreneurship	
Review of Accounting and Policy Studies	2014	The Impact of Entrepreneurship on Accounting Education and Entrepreneurial Intentions