



Key Research Institute of Humanities and Social Science

Ministry of Education, P.R. China

Research Center for Technological Innovation, Tsinghua University

Annual Report

(2013)

January 2014

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In 2013, as a key research Institute of humanities and social Science under China's Ministry of Education, the research center for technological innovation of Tsinghua University (short for "the Center") obtained lots of achievements inscientific research, academic effects and so on. Many thanks for considerable supports from China's Ministry of Education, China's Ministry of Science and Technology, China's Ministry of Finance as well as leaders and some departments of Tsinghua University, including the Scientific Research Institute, the Financial Department, the International Affairs Department, the School of Economics and Management and etc. Presently, the Center is in the way of rapid and healthily developing.

I . Scientific Research Achievements

In 2013, the Center aimed at the international leading edge of the disciplines and conducted high-level scientific research, and finally obtained lots of exciting achievements, especially some breakthroughs on major international scientific research and important scientific research projects of national level or provincial level as well as cross-disciplines, expanding its international influence significantly.

1. Scientific Research Projects

In 2013, key members of the Center participated in 37 research projects, including 19 national and provincial levels, 18 bureau level and others.

Presently, there are 8 projects still under research with support from the National Natural Science Foundation of China, among which, the project of "Research on Effect Mechanism of the Heterogeneity of External Factors of Innovation towards the Open Innovation Performance", the project of "Research on Theories and Counter Policies of Cooperated Innovation Mechanism taking the Local Enterprises as the Main Body", the project of "Research on Technological Innovation Platform based on the Generality of the Knowledge Flow Industry " and the project of "Empirical

Research of Impacts of Technology Transfer and Knowledge Spillover on Technological Entrepreneurship” were newly approved in 2013. (Please see details in the appendix 1.

2. Academic Achievements

In 2013, key members of the Center have published a lot of high level papers on excellent domestic and international journals, such as the paper entitled “Energy Efficiency And Productivity Change Of China’s Iron And Steel Industry: Accounting For Undesirable Outputs” by Professor Lei Jiashu on Energy Policy; the paper entitled “The Impact of Founders’ Academic Experiences on Linking with Local Alma Maters for Chinese Start-ups” by Professor Yang Delin on *International Journal of Technology Management* and etc. The paper entitled “The effect of R&D novelty and openness decision on firms' catch-up performance: Empirical evidence from China” by Professor Chen Jin has been included by *Technovation*.

In 2013, members of the Center have published 54 papers, among which, 5 papers have been indexed by SSCI or SCI, and 35 papers have been indexed by CSSCI. 9 books have been published (in types of monograph, compilation, translation and teaching material). (Please see the details in appendix 2).

II . Academic influence

1. Major Influence

① Fu Jiaji, honorary advisor of the Center won the “Fudan Management Lifetime Achievement Award” presented by Li Lanqing.



On the afternoon of October 21st, 2013, Fudan Premium Fund of Management Awards Ceremony was held at the main hall of Tsinghua University. Prof. emeritus Fu Jiaji, the honorary adviser of the Center, won the “Fudan Management Lifetime Achievement Award”.

Prof. Fu Jiaji is known as one of “the founders of China’s Techno-economics and management of technological innovation discipline”. He was a pioneer to call for and conduct research on technological innovation early in 1950s in China, and created the technological innovation theories with Chinese characteristics. He is also a famous scholar in China’s equipment substitution theory research, pioneered to set up the equipment substitution theory and formed a complete method system on equipment substitution analysis. Mr. Fu Jiaji is also one founder of China’s techno-economy discipline. For decades of endeavors, he has been a major pioneer and promoter of the discipline.

Mr. Li Lanqing, honorary president of Fudan Premium Fund of Management attended the awards ceremony and presented awards to winners with outstanding contribution, and awarded the golden medal of Lifetime Achievement Award to Mrs. Wang Sidun, wife of Mr. Fu Jiaji. It is reported that the letters of “Lifetime Achievement Award” carved on the center of the golden medal was sealed by Mr. Li Lanqing for every honorable scholars on management deserving this award.

②The research finding entitled “Research on Methods and Modes for Development of Strategic Emerging Industries In China’s Western Region” commissioned by the Ministry of Science and Technology of China has got appraisal from Mr. Wang Gang, minister of the Ministry of Science and Technology of China (The compact edition of this report has been recommended to publish on the first edition of Science and Technology Daily on January 7th, 2013).

③Professor Chen Jin, lead guest editor of IJTM took on the solicit contribution of the Journal of Collaboration Innovation.

In order to attract more scholars to join the research on collaboration innovation and increase the international impact of research on collaboration innovation,

Professor Chen Jin and Dr. Wang Yuandi proposed to make solicit contribution of the Journal of Collaboration Innovation with Doctor M. A. Dorgham, lead editor of the International Journal of Technology Management (IJTM) , a double indexed periodic journal of SSCI and SCI, which got active response from M. A. Dorgham. Later on, Professor Chen Jin and Dr. Wang Yuandi extended invitation letter to international scholars to contribute for the Journal of Collaboration Innovation, and received more than 80 papers themed multiple aspects of collaboration innovation by scholars from over 20 countries like America, Japan, Denmark, Belgium, England, Russia, Brazil, China and so on.

After one year' s careful review in accordance with the paper length requirement of the Journal, five articles were eventually selected as the representative papers to be published on Phase 2-4 Volume 62 IJTM 2013 in full text with the article entitled “Collaborative Innovation in Emerging Countries” by its guest lead editor, Professor Chen Jin and Dr. Wang Yuandi as the introduction of the Journal. Up to now, the five articles still attracted attention from domestic and international scholars with numerous downloads and cited times more than other papers at the same issue of the Journal.

④ *Technology Economics* won the title of “2013 China’s Most International Influential Journal”.

In 2012, *Technology Economics* won the title of “2012 China’ s Excellent Journal with International Influence” (selected from TOP5% ~10%), while in 2013, it got higher level prize and won the title of “2013 China’ s Most International Influential Journal” (selected from TOP5%), which means that *Technology Economics* has ranked top 56 among China’ s 1120 types of “humanities and social science” journals. On December 30th, 2013, “2013 China’ s Most International Influential Journal” and “China’ s Excellent Journal with International Influence” was published on China News Publication dominating the front page.

Technology Economics has become the cultivation journal by China Association For Science and Technology included in its 2013 China’ s Elaborate Science and

Technology Journals Project after going through the project reporting, expert evaluation, scene reply and etc. Based on statistics of academic indexes among China’ s 5000 kinds of science and technology journals and comprehensive evaluation from experts, *Technology Economics* co-edited by the Center was included by Chinese Science Abstracts (CSAC).

⑤The project “Research on theories to learn, publicize and implement spirits brought forward by the 18th Chinese Communist Party Congress ” , which was taken on by Professor Wu Guisheng, director of the Center commissioned by Social Science Department of the Ministry of Education of China, was concluded with “Exploring the generalized innovation track” published on the column of special science and technology of Science and Technology Daily (April 1st, 2013) and “Positive Innovation and Reverse Innovation” published on China Enterprise News (March 19th, 2013).

⑥ The article “*How to carry out entrepreneurship* ” by Professor Gao Jian was published on page 19 Volume 32, 2013 of People’ s Daily.

2. Meetings by the Center

① To Convene the Academic Committee Meeting of the Center in Beijing



On August 24th, 2013, the academic committee meeting of the Center was convened in the First Meeting Room of Beijing Foreign

Experts Building, which was presided by Professor Fang Xin, director of the academic committee of the Center, Deputy secretary of the Communist Party of Chinese Academy of Sciences, standing committee of the National People’s Congress and participated by 27 committees from the academic committee of the Center.

During the meeting, Professor Wu Guisheng first delivered an opening speech,

and then Professor Chen Jin reported the progress of works and future plans of the Center, including achievements in recent years, shortcomings, routine works and ideas on future. As for achievements, Professor Chen Jin referred the framework of China's self-dependent innovation theory brought forward by the Center, some research achievements obtained instructions from the Party and state leaders, some research achievements obtaining awards, typical international papers, international cooperation status and development of the *Technology Economics* in recent years; As for shortcomings, he pointed that the Center published less papers and monographs with high level and influence on international first class journals, obtained landmark achievements and had a long way to complete the database building.

As for future plans, the center will strengthen theoretical research on technology innovation, techno-economics and management and so on; strengthen combination with courses related with strategy and entrepreneurship, strengthen integration with economics, organizational behavior science, information science, brain science, history and etc, gradually complete research on innovation and evolutionary economics, innovation oriented organization, innovators, China's technology innovation history and etc, prompt to complete innovation knowledge system construction earlier. In addition, the Center will pay more attention to subject development and talents fostering. It's going to organize and guide teaching materials and cases selected for the national technology management subject, and aim to be a major base to foster graduate students engaging in China's technology management. In particular, the Center will increase international exchanges, form strategic relationship with organizations like Massachusetts Institute of Technology, Stanford University, SPRU, National University of Singapore and etc; set up an international advisory committee; increase publication of articles and monographs in English version. Finally, the Center will try to form strategic cooperation with China's excellent enterprises such as Haier Group to set up a close cooperation research organization, make deeply discussion on the way for Chinese enterprises to improve their abilities of entrepreneurship, and hold regular senior seminar on

technology innovation management of enterprises.

Professor Fu Jiaji and Professor Xu Qingrui, advisers of the Center, sent their congratulation letters for the meeting, describing their high expectations to the Center from the prospects of technology innovation research based on its development history, and showing their best wishes for the Center to be a leading international institute on innovation research. At the meeting, Professor Fang Xin was selected as the director of the 3rd Academic Committee of the Center, while Professor Wu Guisheng and Professor Chen Jin was nominated and selected as the deputy director of the Academic Committee, confirming another new 12 committee members with title of professor/researcher namely Jia Genliang, Li Xinnan, Li Zhengfeng, Liu Yun, Lu Ruoyu, Lu Feng, Wang Fenyu, Wu Yishan, Xu Jianguo, Zhang Yuming, Zhang Zhihe, Zhu Guilong. The Academic Committee Charter was discussed and modified on the meeting and a new Charter was agreed and approved on the meeting. The new Academic Committee reviewed the report, appreciated works of the Center during recent years and brought forward with suggestions on the development plan of the Center such as the way to further promote the academic status of the Center, to publish high level papers based on good problems and real questions, to implement profound research based on actual situation and to build theory system and regulatory research for all subjects; the way to integrate and combine innovation, entrepreneurship and strategy, to carry out cross-boundary cooperation research such as cross school cooperation or cross region cooperation; the way to strengthen opening-up and cooperation, to improve the policy influence of the Center, to make it advance rooted on actual situation. Such issues related with reforms of China' s Science and Technology Structure, University Evaluation System and Innovation Management System and etc were also discussed on the meeting. Finally a round table meeting was convened with attendance of the Committee members and enterprise leaders like Wang Ye, Vice Chairman in charge of scientific research for Haier Group, Hu Kui, President Assistant of Peking University Founder Group Corp, Li Yong, Dean Assistant, Jiangsu Xuzhou Construction Machinery Research Institute,

Hu Baiyan, President of Zhejiang NHU Company Ltd., Fang Yi, CEO of Personalized Interactive Network Technology and others, discussing some core problems related with development driven by innovation and enterprise innovation.

② The CICALICS conference

During August 22nd to 27th, 2013, the Youth Academic Forum and Seminar, an important part of China's Innovation Circles and Academy-a Network on Learning, Innovation and Competence Building



Systems (CICALICS), was held successfully in Beijing Foreign Expert Building, co-sponsored by the Center, School of Management, UCAS and China-Denmark Center. CICALICS is held once a year with the purpose to provide doctoral students a profound and leading academic platform with high start-points, to promote exchange, cooperation and friendship among graduate students at home and abroad.

3. Major External Exposing

① During August 6th-7th, 2013, the 21st Academic Meeting of Chinese Society of Technology Economics was held in Nanchang City, Jiangxi Province with the title of “Development Driven by Innovation-Practice and Effect of Technology Economics” with more than 150 professional scholars, managers and delegates from colleges and universities, scientific research institutions, governmental organs and enterprises. Professor Wu Guisheng was invited to attend the meeting. As one of the most influential academic meeting in the field of technology economics, the Academic Meeting of Chinese Society of Technology Economics mainly focused on economic and social development and hot issues related with the field of technology

economics during the past more than 20 years. It is an important platform to conduct exchanges and cooperation in the field of technology economics and innovation development, playing important effect on subject building and economic and social development.

② During 25th-26th, 2013, the 10th Academic Meeting of MOT was held in Xi'an City, Shaanxi Province. Professor Wu Guisheng and Professor Chen Jin were invited to make reports. The meeting mainly focused on topics such as “innovation economy, innovation management, innovation philosophy, innovation policies, innovation cases” with profound discussion and exchanges related with frontier questions, localization based on scenery profound perspectives, knowledge collaboration innovation network, public service platform for innovation of small and medium sized enterprises and etc.

Highlights from Professors of the Center:

Chen Jin: he delivered a speech entitled *Innovation Management and Future Prospects*, in which he pointed it is crucial for the development of China from innovation to transformation and then to sustainable development. In his report, Professor Chen first introduced a series of innovation theories, including background, concepts, influence factors, development, evolution and etc, brought forward with the frontier questions realizing technology innovation through management innovation, and finally explored new changes of innovation based on who are innovators.

Wang Yi: he delivered a speech entitled *Frontier Questions related with Technology Innovation Management Research*, in which he analyzed the development of technology innovation management research from aspects of funding related with innovation management projects, number of technology innovation papers and etc, and then analyzed the challenges for the technology innovation management research and finally brought forward with the prospects of technology innovation management research.

Li Jizhen: he delivered a speech entitled *General Review of Foreign Innovation Journals and Related Considerations* which took the foreign innovation journals as research subject, and aroused fierce discussions among scholars.

In addition, Mrs. Wang Ping, director of the Center' s Journal Science Research Management and Mr. Wang Yi, deputy editor of the journal *Technology Economics* introduced and explained on affairs with articles submitting, collecting and other caution issues of the above said two journals, providing a good communication chance for participant experts to publish their articles in future.

③ During October 26th – 27th, 2013, the Chinese Technology Economics Forum was jointly organized by six organs namely Institute of Quantitative & Technical Economics of Chinese Academy of Social Sciences, Chinese Society of Technology Economics and others in Dali University. This forum took the subject of “Theoretical Support and Application Discussion of the Development Strategy Driven by Innovation”, with more than 150 professors and scholars from colleges and universities as well as scientific research institutions. Professor Lei Jiasu was invited to attend the forum and made a speech.

④ On October 24th, 2013, a series alumni activity, 19th Shuimu Salon, hosted by the Executives Training Center of the School of Management of Tsinghua University, was held in Shunde Building, School of Management of Tsinghua University, on which, Professor Chen Jin, director of the Center, Professor of the Innovation Entrepreneurship and Strategy Department, shared his ideas on how to improve the innovation ability of enterprises based on his achievements on the field of innovation after years of research. This salon effectively combined high end S&T achievements and theories related with cultures and arts as well as management, prospect the development trend and direction for enterprises from unique perspective and thinking, brought forward with strategic guidance on innovation ability promotion for Chinese enterprises. All participants regarded that the salon contains numerous information with foresight-looking and opened a window for innovation.

⑤ During July 28th – August 1st, 2013, the Portland International Center for Management of Engineering and Technology 2013 (PICMET) was held in San Jose, California, Us. Professor Chen Jin, director of the Center, Professor Liu Yun, Professor Chen Xiangdong, and Professor Yuan Jianzhong attended the meeting and negotiated with Professor Dundar F. Kocaoglu, chairman of the PICMET on choosing Beijing as the site to hold the 2016 PICMET.

The Portland International Center for Management of Engineering and Technology, founded by Professor Dundar F. Kocaoglu from the Department of Management of Engineering and Technology of Portland State University, is one of the three largest international conferences on management of technology and enjoys high reputation and broad effects within the international academic circle.

⑥ On September 21st, 2013, the 4th PMI (China) Project Management Conference, sponsored by a world leading non-profit management institute, was held grandly in Shanghai with delegates from PMI global and regional branches in Asia, relevant government leaders, business leaders as well as more than 1500 PMP (project management professors) in China first gathering in Shanghai, sharing their project management experiences in different fields. Professor Li Jizhen was invited to attend the conference.

Attachment 1: List of Projects under Research

SN	Person in Charge	Title of Research	Period	Source of Research
1	Lei Jiasu	Research on Economy Safety Legislation by Major Developed and Emerging Countries and International Organs as well as their Inspiration to China	2013-07-01-2013-12-31	Comprehensive Department of National Development and Reform Commission
2	Gao Jian	Research on Theories related with New Leadership Management for Enterprises	2011-01-01-2013-12-31	National Natural Science Foundation of China
3	Chen Jin	Research on the Impacts Mechanism between the Heterogeneity of External Innovation Factors and Performance of Innovation	2013-01-01-2015-12-31	National Natural Science Foundation of China
4	Gao Xudong	Research on Theories and Counter Policies of Cooperated Innovation Mechanism taking the Local Enterprises as the Main Body	2013-01-01-2016-12-31	National Natural Science Foundation of China
5	Li Jizhen	Research on Technological Innovation Platform based on the Generality of the Knowledge Flow Industry	2013-01-01-2016-12-31	National Natural Science Foundation of China
6	Li Xibao	Empirical Research of Impacts of Technology Transfer and Knowledge Spillover on Technological entrepreneurship	2013-01-01-2016-12-31	National Natural Science Foundation of China
7	Tong Yunhuan	Research on Sustainable Innovation Modes based on Chinese Cases	2011-01-01-2013-12-31	National Natural Science Foundation of China
8	Wang Yi	Research on Innovation Exploration among Complex Technological Innovations of Chinese Enterprises	2012-01-01-2015-12-31	National Natural Science Foundation of China
9	Xie Wei	Study on Acquisition Driven by Technology and Related Skills	2011-01-01-2013-12-31	National Natural Science Foundation of China
10	Xie Wei	Key Influential Factors for Technology Acquisition Performance of Chinese Enterprises	2011-01-01-2013-12-31	Ministry of Education
11	Li Xibao	Research on Entrepreneurship Opportunities for Strategic Emerging Industries	2012-11-01-2015-10-31	Social Science Department of Ministry of Education
12	Gao Jian	Research on New Modes of Chinese Enterprises	2012-02-29-2014-12-30	Social Science Department of Ministry of Education
13	Gao Xudong	Research on Special Rules of Technological Innovation of Major Powers	2013-01-01-2015-12-31	Social Science Department of Ministry of Education

SN	Person in Charge	Title of Research	Period	Source of Research
14	Yang Delin	Research on Social Capitals and Social Network Construction for Technology Entrepreneurship	2012-01-01-2014-12-31	Social Science Department of Ministry of Education
15	Zhu Hengyuan	Research on R&D History of China's Mobile Phone Industry: from the Perspective of Strategic Factors Market	2012-11-01-2015-10-31	Social Science Department of Ministry of Education
16	Wang Yi	Research on Science and Technology Revolution, Economic Long Wave and Development of Strategic Emerging Industries	2011-01-01-2013-12-31	Social Science Department of Ministry of Education
17	Li Jizhen	Research on Strategy and Counter Measures to Build Innovation Oriented Country under Opening-up Circumstance	2011-01-01-2013-12-31	Social Science Department of Ministry of Education
18	Lei Jiasu	Risks and Strategic Opportunities for the Economic Development of China	2013-08-01-2014-08-01	Science and Technology Department
19	Li Jizhen	Research on Reform of Innovation Fund Management for Small and Medium Sized Technology Based Firms	2013-12-06-2013-12-31	Management Center of Innovation Fund for Small and Medium Sized Technology Based Firms under Ministry of Science and Technology
20	Gao Jian	Research on How to Create Beneficial Entrepreneurship Environment to Enhance the Economic Status of Women	2013-03-15-2013-04-17	The Asia Pacific Branch of UN Economic and Social Council
21	Gao Jian	Study on Scientific Advertising Cases of Micro-Blog	2013-04-01-2013-12-31	China Research Institute for Science Popularization
22	Gao Xudong	Case Study of the Technology Innovation Management of Changqing Oilfield	2011-12-08-2013-06-30	CNPC Economics and Technology Research Institute
23	Lei Jiasu	Study on Growth Evaluation of Listed Enterprises in Tianjin Equity Exchange	2012-07-01-2013-09-30	Tianjin Equity Exchange
24	Yang Delin	Study on Cooperation Modes of Credit Ease with Business Schools of Universities	2013-05-01-2013-10-10	Credit Ease Benefit Investment Management (Beijing) Co., Ltd.
25	Lei Jiasu	Research on the Excellent Way of the Technology Based Industry Transforming to Independent Innovation Oriented Industry and related Strategies	2012-09-01-2015-12-31	National Planning Office of Philosophy and Social Science
26	Li Jizhen	Research on Growth and Service Modes of Industrial Technology Innovation Alliance	2012-07-20-2013-04-20	Beijing Technology Exchange & Promotion Center

SN	Person in Charge	Title of Research	Period	Source of Research
27	Li Jizhen	Research on the State Grid's Accelerating Endeavors to Global First Class S&T Innovation System	2013-01-01-2014-07-30	Beijing Electric Power Company
28	Li Jizhen	Feasibility Study by Equipment Institute of Yancheng City, Jiangsu Province	2013-07-16-2013-12-31	Hi-tech Industrial Development Zone of Yancheng City, Jiangsu Province
29	Li Xibiao	Research on Comprehensive Evaluation of Chinese Innovation Oriented Enterprises	2012-10-01-2013-01-30	Media Development Center of Economics Daily
30	Li Jizhen	Innovation Sources Acquisition of S&T based Small and Medium Sized Enterprises: Networks and Systems	2012-07-01-2015-06-30	Office of Scientific R&D, Tsinghua University
31	Li Xibao	Research on Opportunities Out-coming of China's Technological Entrepreneurial Activities	2011-11-01-2014-12-31	Office of Scientific R&D, Tsinghua University
32	Gao Jian	Research on Organizational Maturity and Key Abilities of Technology Entrepreneurial Enterprises	2012-07-01-2013-12-31	Liberal Arts Department of Tsinghua University
33	Wang Yi	Research on Development History of China's Complex Technology Industry from Backward to Excellent (Continued)	2012-01-01-2014-12-31	Office of Scientific R&D, Tsinghua University
34	Gao Jian	2012 Global Entrepreneurship Review the Case of China	2012-07-01-2015-06-30	Office of Scientific R&D, Tsinghua University
35	Chen Jin	The Building of Open Innovation System	2013-01-01-2013-12-01	Institute of Economics and Technology of Power under Zhejiang Electric Power Corporation
36	Chen Jin	Cloud Management Consulting Project for the Network New City	2012-04-01-2013-04-01	Zhejiang Network New City Cloud Technology Co., Ltd.
37	Chen Jin	Research on Regional Innovation Cluster Cooperation Between China and America	2012-10-01-2013-06-01	China science and Technology Development Strategy Research Institute

Attachment 2: List of Publications

Articles in Major English Journals (Published)

SN	Name of Author	Name of Article	Name of Journal	Vol.& No.	Index
1	Yuandi Wang, Jiashun Huang, Yantai Chen, Xiongfeng Pan, Chen Jin	Have Chinese Universities Embraced Their Third Mission? New Insight from A Business Perspective	Scientometrics	2013,97,2 :207-222	SCI/SS CI
2	Yuandi Wang, Xin Pan, Xinyu Wang, Chen Jin	Visualizing Knowledge Space: A Case Study of Chinese Licensed Technology,2000–2012	Scientometrics	2013,98,3 :1935-195 4	SCI/SS CI
3	Gao Xudong	Strengthening China's National Innovation Systems Through the Development of Technology Standards: Experiences and Lessons from the Case of TD-SCDMA	Asia Pacific Tech Monitor	2013,R-J UN, 36-41	
4	Li Jizhen, Wang Yueheng, Gao Xudong	A Study Of The Beijing Science And Technology Resource Platform	Industry and Higher Education	2013,27, 4:287–29 6	
5	Gao Xudong	China's Technology Policy Change: How Effective Has It Been?	China: An International Journal	2013,11,3 :24-47	SSCI
6	He Feng, Zhang Qingzhi, Lei Jiasu	Energy Efficiency and Productivity Change of China's Iron and Steel Industry: Accounting for Undesirable Outputs	Energy Policy	2013,54,3 :204–213	SCI/SS CI
7	Li Xibao	Comparing the Impact of Intra- and Interregional Labour Mobility on Problem-solving in a Chinese Science Park	Regional Studies	2013,47,1 0:1734-17 51	
8	Wang Yi	Building Blocks, Exploitation and Exploration of Sectoral Systems of Innovation in Catch-Up of China's Car Industry	Journal of Science and Technology Policy in China	2013,4,2: 152-176	
9	Lin Min, Wang Yi, Wu Guisheng	Regional Strategies for Developing Emerging Industries of Strategic Importance in China	Journal of Science and Technology Policy in China	2013,4(1): 20-35	
10	Wei W, Li Donghong, Chok J, Yang Delin, Shang H	The Impact of Founders' Academic Experiences on Linking with Local Alma Maters for Chinese Start-ups	International Journal of Technology Management	2013,62,2 /3/4:171-1 92	SCI/SS CI

Papers in Major Chinese Journals

SN	Name of Author	Name of Article	Name of Journal	Vol.& No.	Index
1	Chen Jin	Innovation Management and Its Future	Technology Economics	2013, 32(6): 1-9	
2	Chen Jin	Rise of the Third Generation of Management	Managers (Practice Version)	2013, 7 : 104-105	CSSCI
3	Chen Jin	Organization Ecological System Building	Managers (Practice Version)	2013, 10: 104-105	CSSCI
4	Chen Jin	“Knowledgeable Person” Era for Management	Managers (Practice Version)	2013, 11: 102-103	CSSCI
5	Zheng Xiaoli, Chen Jin, Zhou Yingying	Relationship Between Experience of Studying Abroad and Engineering Undergraduates’ Creativity	Research in Higher Education of Engineering	2013 (1) : 122-126	CSSCI
6	Liang Liang, Wu Hang, Chen Jin	Organization Structure of Innovative Enterprise Based on Ambidexterity Theory: Evidence from Haier Group	Journal of Xidian University (Social Sciences Edition)	2013, 23 (3) : 30-36	CSSCI
7	Guo Aifang, Chen Jin	The Effect of STI /DUI Learning on Innovation Performance: The Moderative Role of Environmental Dynamicity	Science Research Management	2013, 6: 1-8	CSSCI
8	Chen Jin	Science-Based Innovation	Science of Science and Management of S.&T.	2013, 34(6): 3-7	CSSCI
9	Chen Hao, Xiang Yangxue, Chen Jin	Exploration and Practice of Collaborative Innovation Alliance based on Triangle Region of Knowledge – In Case of the Kics Mode of the European Institute of Innovation and Technology	Science & Technology Progress and Policy	2013, 30 (17) : 34-38	CSSCI
10	He Yubing, Chen Jin	The Relationship Between Technological Diversification and Enterprise Competitive Advantages	Science Research Management	2013 (5) : 10-20, 31	CSSCI
11	Zhang Xuewen, Chen Jin	The Influence of Open Science on Industrial Innovation: A Empirical Research on Manufacturing in USA	Studies in Science of Science	2013, 31(3): 368-376	CSSCI

SN	Name of Author	Name of Article	Name of Journal	Vol.& No.	Index
12	Chen Jin, Liang Liang, Wu Hang	The Impact of Internal Integration and External Integration on Development Efficiency in New Product Development	Studies in Science of Science	2013, 31(4): 623-629	CSSCI
13	Ran Long, Chen Jin, Dong Quanfu	Study on Relationship Between Enterprise Network Ability, Innovation Structure and Complex Product System Innovation	Science Research Management	2013, 34(8): 1-8	CSSCI
14	Chen Jin	Theoretical Basis and Content of Firm's Knowledge Partner	Technology Economics	2013, 32(7): 1-3	
15	Chen Jin, Lou Yangyi, Mei Liang	New Exploration Into General Education Engineering Education	Research in Higher Education of Engineering	2013 (3) : 71-75	CSSCI
16	Li Fei, Chen Jin	Development Model of Leading High-Tech Sectors	Journal of Xidian University (Social Sciences Edition)	2013, 23(3): 58-65	CSSCI
17	Chen Jin	Five Functions of Future Management	Managers (Practice Version)	2013, 8 : 102-103	CSSCI
18	Chen Jin	The Evolutionary Game Simulation on Industry-Academy-Research Cooperation in Collaborative Innovation	Science & Technology Progress and Policy	2013, 20 : 1-6	CSSCI
19	Wu Bei, Chen Jin, Wu Zengyuan	The Research of R&D Outsourcing Process: The Dynamic Evolution of Routine and Innovative R&D Outsourcing Mode	Studies in Science of Science	2013, 31(6): 948-955	CSSCI
20	Chen Jin, Xiang Yangxue, Lou Chengfu	The Exploration of Qualification Assessment and Performance Evaluation of Undergraduate Teaching in Research University	Research in Higher Education of Engineering	2013 (1) : 153-158	CSSCI
21	Chen Jin	Philosophy for Vision-Looking	Managers (Practice Version)	2013, 9: 104-105	CSSCI
22	Gao Xudong	Snowd on Events Call for Independent Innovation Technology in China	Mobile Communications	2013,37 (15) : 33	
23	Gao Xudong	Firmly Treat Contradictions and Issue TD-LTD License Unified	Mobile Communications	2013,9: 35	

SN	Name of Author	Name of Article	Name of Journal	Vol.& No.	Index
24	Gao Xudong	Four Factors to Improve Innovation Ability	Tsinghua University Review	2013,3: 76-83	
25	Zhang Qingzhi, Lei Jiasu	Study of Chinese Iron and Steel Enterprises Energy—Saving and Emission Education and Scale under the View of Technical Efficiency	Soft Science	2013, 27 (8) : ,6-10	CSSCI
26	Zhang Qingzhi, Lei Jiasu	Study on China's Iron and Steel Enterprises Technical Efficiency Under Environmental Protection	Science of Science and Management of S.&T.	2013,10: 103-111	CSSCI
27	Lei Jiasu	Growth Power-Value Creation Ability During Low Growth Period-From Growth to Excellent	Tsinghua University Review	2013,2: 40-46,48-51	
28	Xiang Hui, Lei Jiasu	Student Entrepreneurial Intention in Chinese Universities based on the ISO Model	Journal of Tsinghua University(Science and Technology)	2013,1: 122-128+138	CSSCI
29	Wang Yueheng, Wang Yi, Li Jizhen	Influencing Factors of Importance of University in Innovation Search R&D Intensity Innovation Openness and Indigenous Innovation Intention	Technology Economics	2013,32(11): 28-33	
30	Zhang Haibo, Li Jizhen, Yu Jiang, Zeng Lu	Relationship Between Factor Price Distortion and Excessive Industrial Production Capacity Based on Sample Data During 1991-2010	Technology Economics	2013,32(12): 15-20	
31	Chen Cong, Li Jizhen	Performance Assessment of Innovation Fund for Small and Medium Sized Technology Based Firms	Technology Economics	2013,32 (10) : 8-16	
32	Li Xibao, Xie Feng	An Empirical Study of Research Productivity in Chinese Universities	The Journal of Quantitative & Technical Economics	2013,30 (1) : 39-53	CSSCI
33	Tong Yunhuan	What Has Technology Changed	Managers (Practice Version)	2013,1: 43-48	CSSCI
34	Wang Yueheng, Wang Yi, Li Jizhen	Influencing Factors of Importance of University in Innovation on Search R&D Intensity Innovation Openness and Indigenous Innovation Intention	Technology Economics	2013,32 (11) :28-33	

SN	Name of Author	Name of Article	Name of Journal	Vol.& No.	Index
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