

Research Summary of Historical Geography in China in Recent Ten Years

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Abstract. It is to do statistic analysis to total 799 articles in *Journal of Chinese Historical Geography* recorded by SCNI Database from 2005 to 2014 by quantitative analysis, summarize the characteristic and development tendency of historical geography study in our country in recent ten years and point out the current situation and deficiency of domestic historical geography domain so as to provide references to academic research and disciplinary development.

1. Year Distribution and Fund Subsidizing Condition of Papers

Counting the quantity of papers published in *Journal of Chinese Historical Geography* in the recent years could contribute to understand the development tendency and study venation of this journal. By searching in CNKI, it could clearly count there are total 799 articles in *Journal of Chinese Historical Geography* in the recent years whose general year distribution is as following. On the whole, the quantity of papers published in *Journal of Chinese Historical Geography* in the recent years kept smooth and steady from 2005. Though there were some fluctuations by chance, except quantity of papers in 2005 more than that in the other years, the whole quantity of paper had no wide decrease. It showed that quantity of paper published in *Journal of Chinese Historical Geography* in the recent years maintained developing with a steady pace.

By quantitative statistics to each fund program, it could have a rough idea of the funding and emphasis of nation and each department to historical geography study. Among the 799 articles in *Journal of Chinese Historical Geography* in the recent years, 176 of them have been funded by nation and each department, occupying nearly 22.03%. The year distribution condition of articles with fund could be seen in the form 1 below.

Table 1. Funding Condition of Published Articles in Journal of Chinese Historical Geography in Recent Ten Years

Fun d Year	National social sciences	National nature	Nation and others	Ministry of Education	Other ministries and commissions	Province and city	Other funds Total	Total
2005	3	5	1	2	1	1	1	14
2006	2	2	2			1	1	8
2007	6	5	2		1	1	1	16
2008	2	9	1	1	1	1		15
2009	7	2	1	2	1	1		14
2010	7	4	2	2			1	16
2011	9	5	2	1	1	1	1	20
2012	10	5	1	3	1	1		20
2013	18	4	1		1		1	25
2014	14	8	3	1	1			27

Total	78	49	16	12	8	7	6	176
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In addition, according to the data in Form 1, it shows that the historical geography study in our country didn't get deserved attention at early phase, with few funding articles. Such condition has some connection with few article samples and project beginning. After 2011, funding articles became more and more, especially in the recent three years. From the funding types, the sustentation funds for our historical geography study are mainly National Philosophy and Social Science Fund, Natural Science Foundation of China, other funds of national level as well as funds from Ministry of Education. And funds from province and city are comparatively less. It shows that our historical geography study has gained great development with national funds in recent ten years.

Citation Frequency Condition of Papers

The top ten data of citation frequency of papers published in *Journal of Chinese Historical Geography* from CNKI is as Form 2. The citation frequency of an individual paper is at most 37 times. There are 5 papers with more than 30 times of citation frequency. And those papers with top ten citation frequency were published from 2005 to 2008. From the research contents of these papers, they mainly referred to historical settlement geography, historical economic geography, historical medical science, historical administrative division geography, historical physical geography, etc. Among these papers, *Northern Settlement Transition in Shanxi in Ming Dynasty* of Wang Jieyu has the most citation frequency.

In addition, other paper with high citation frequency such as *Economic Pattern Transition Study in Shandong in Modern Times --- from the View of Port and Interior Interaction* from Chen Weizhong was with the view of coastal port and interior interaction in Shandong in 1860s, demonstrated the difference between interior and ports as well as the areal division of labor in interior which caused unbalance of regional economic development in Shandong. It thought such unbalance had big influence to the current regional economic development in Shandong. According to various literatures and data, *Research of Regularity of Pestilence Spatial and Temporal Distribution in the Period of Wei, Jin and Southern and Northern Dynasties* by Gong Shengsheng, Ye Huping counted the geographical distribution condition of geographical distribution in the Period of Wei, Jin and Southern and Northern Dynasties, with the middle and lower reaches of the Yellow River region, Huai River basin, the middle and lower reaches of Changjiang River as the main pestilence regions.

Table 2. Top Ten Citation Frequency of Papers in Journal of Chinese Historical Geography in Recent Ten Years

Paper Title	Published Time	Author	Citation Times
Northern Settlement Transition in Shanxi in Ming Dynasty	2006	Wang Jieyu	37
Economic Pattern Transition Study in Shandong in Modern Times --- from the View of Port and Interior Interaction	2005	Chen Weizhong	33
Research of Regularity of Pestilence Spatial and Temporal Distribution in the Period of Wei, Jin and Southern and Northern Dynasties	2007	Gong Shengsheng, Ye Huping	32
Transition of Territory Control by Emperor Wu in the Western Han Dynasty	2008	Xin Deyong	31
Historical Research and Enlightenment of Urban Planning and Development Relation in Qingdao in Modern Times	2007	Li Dongquan	30
Discovery and Environmental	2006	Wang Naiang,	29

Significance of Old Townsite of the "Liuhu Zhou" State		He Tonghui, etc.	
Polders Development in Ancient South of Yangtze River and its Influence to Ecological Environment	2005	Zhuang Huafeng	28
Provincial Process of Regions South of the Yangtze River, Hubei and Hunan Provinces and Shaanxi Province and Transition of Provincial System in the Early Qing Dynasty	2008	Fu Linxiang	25
Shanxi Hsing Tu-ssu and its Garrison Establishment in Ming Dynasty	2008	Ma Shunping	24
Fuel Replacement History and Forest Distribution Transition --- with the Upper Reaches of Yangtze River in Recent 2000 Years as Time-and-space Background	2007	Lan Yong, Haung Quansheng	23

Frequency of High-yield Authors

Among the authors with papers in *Journal of Chinese Historical Geography* in the recent ten years, there are total 10 authors with top published papers, five of them with more than 5 published articles. They are from different scientific research institutions which publish most articles. Man Zhimin published 11 articles, Wu Hongqi 9 articles. Combining Form 2 and Form 3, it finds that though Man Zhimin published most articles, the citation times are not many. Though Xin Deyong only published 6 articles, one has been cited for many times. In addition, by analysis, we could find that Man Zhimin, Wu Hongqi, Yang Yuda, Guo Shengbo and Xin Deyong are the five representatives of domestic historical geography study in recent ten years.

Table 3. High-yield Authors with Published Articles in *Journal of Chinese Historical Geography* in Recent Ten Years

Author	Quantity of articles	Institutions
Man Zhimin	11	Historical Geography Research Center of Fudan University
Wu Hongqi	9	Historical Geography Research Center of Ji'nan University
Yang Yuda	7	Historical Geography Research Center of Fudan University
Guo Shengbo	7	Historical Geography Research Center of Ji'nan University
Xin Deyong	6	Ancient Chinese History Research Center of Peking University
Pan Sheng	5	Historical Geography Institution in School of City and Environment in Peking University
Hou Yongjian	5	Northwest Institute of Environment and Development in Shaanxi Normal University
Shi Hongshuai	5	Northwest Institute of Environment and Development in Shaanxi Normal University
Han Guanghui	5	School of City and Environment in Peking University
Zhou Hongwei	5	Northwest Institute of Environment and Development in Shaanxi Normal University

Analysis of Institutions with Published Papers

Institutions with published papers mean the units author signed when publishing the articles. Statistic analysis to the institutions with published papers could help to clearly understand their geographical distribution and regional attentions. This article uses SATI to extract institutions from EndNote files of papers in *Journal of Chinese Historical Geography* in the recent ten years and then carry out frequency statistics, counting 24 academic institutions of top 13 frequency of occurrence and dispatching quantity more than or equal to 7, as Table 4.

Table 4.

Institution	Quantity	Site	Ranking	Institution	Quantity	Site	Ranking
Fudan University	129	Shanghai	1	Shanxi University	11	Taiyuan in Shanxi	10
Shaanxi Normal University	119	Xi'an	2	Zhejiang University	9	Hangzhou	11
Peking University	53	Beijing	3	CCNU	8	Wuhan	12
Ji'nan University	33	Guangzhou	4	CNU	8	Beijing	12
Southwest University	22	Chongqing	5	Shanghai Normal University	8	Shanghai	12
Wuhan University	15	Wuhan	6	XMU	8	Xiamen	12
Northwest University	14	Xi'an	7	SCU	7	Chengtu	13
RUC	13	Beijing	8	Henan University	7	Kaifeng	13
NJU	13	Nanjing	8	Hunan Normal University	7	Changsha	13
SJTU	12	Shanghai	9	Northwest Normal University	7	Lanzhou	13
Yunnan	12	University Kunming	9	NKU	7	Tianjin	13
BNU	11	Beijing	10	Chinese Academy of Social Sciences in Beijing	7	Beijing	13

According to the statistic data in Form 4, Fudan University and Shaanxi Normal University totally published 248 articles, occupying 31% of the total articles in *Journal of Chinese Historical Geography* in the recent ten years, which shows that these two universities are our key positions for historical geography study. Fudan University possesses the first focused research bases of humanistic and social science by Ministry of Education --- Historical Geography Research Center. And Shaanxi Normal University possesses one of the 100 research bases of humanistic and social science by Ministry of Education --- Northwest Research Institute of Historical Environment and Economic Social Development. This is the important reason for these two universities to gain numerous historical geography achievements and become the study key position.

Conclusion

By quantitative analysis, it is to do big data analysis to 799 articles in *Journal of Chinese Historical Geography* recorded by CNKI in the recent ten years from such aspects as publishing time, funding condition, frequency of author occurrence, citation frequency of papers, dispatching institution distribution, etc. reflecting two main characteristics of historical geography study in China in recent ten years.

Firstly, quantity of papers published in *Journal of Chinese Historical Geography* in the recent ten years keeps smooth and steady development. Though there are some fluctuations, the overall quantity of paper has no bid decrease. As for the funding condition, funding is obviously increased, with the biggest proportion and higher funding level of National Social Science Funds and National Science Foundation, less of local funds. It shows that steady development of our historical geography study is inseparable with national attention to this discipline and constant funding.

Secondly, it forms a rather stable author group in historical geography study in the recent ten years. According to the frequency of author occurrence in *Journal of Chinese Historical Geography* in the recent ten years, it could see that five representative high-yield authors such as Man Zhimin, Wu Hongqi, Yang Yuda, Guo Shengbo and Xin Deyong make contributions to the historical geography study. As to the scientific research institutions where authors are, Beijing, Shanghai, Guangzhou, Xi'an, Wuhan, etc. are the rather congregate regions for academic institutions of historical geography study. Fudan University and Shaanxi Normal University are the weighted key positions for historical geography study.

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References

- [1] Lihe, Yuan Cuimin, Li Yafeng, Big Data Research Overview Based on Bibliometrics. *Information Science*, 2014, 06:148-155.
- [2] Zhong Saixiang, Qu Bo, Su Xiangyan, Mao Peng, You Xibing, Characteristic and Tendency of Chinese Geography from Journal of Geographical Sciences --- Based on Bibliometrics. *Journal of Geographical Sciences*, 2014, 08:1077-1092.
- [3] Li Fan, Situ Shangji, Document Analysis of Cultural Geography in China in Recent Twenty Years. *Human Geography*, 2007, 01:105-111.
- [4] Fan Liwen, Sun Liangji, Chen Jidong, Bibliometric Analysis to Journal of Beijing Sport University in 2006. *Information Science*, 2008, 02:240-246.
- [5] Xu Yifang, Xu Xin, Hou Shijun, Bibliometric Analysis of Our Commercial Group: Based on Data in CNKI (2005-2012). *Journal in Southwest University for Nationalities (humanistic and social science)*, 2013, 05:225-231.