



Liu Xiaoping: Female, born in 1972. Ph.D. Master Instructor, associate researcher, the National Science Library, Chinese Academy of Sciences.

1991-1995, Lanzhou University, Bachelor's Degree in Basic Mathematics;

1995-1998, Lanzhou University, Master's degree in applied mathematics;

1998-2001, the Institute of Cold and Drought, Chinese Academy of Sciences, PhD in Physical Geography.

2001-2002, assistant researcher, Institute of Cold and Drought, Chinese Academy of Sciences;

2002-2004, associate researcher, Institute of Cold and Drought, Chinese Academy of Sciences;

2004-2006, Post-doctoral Research, School of Resources, Beijing Normal University;

2006-present, the Information Department of the National Science Library, Chinese Academy of Sciences.

Since 2006, she has been engaged in the strategic research of science and technology development, academic strategic intelligence research and the competitive situation research of scientific research institutions.

Main research directions: academic strategic intelligence research, subject development hotspots, frontiers and trends research of disciplines development, international comparative study of disciplines layout and priority areas of development.

She has presided over two projects of the National Natural Science Foundation and the China Post-doctoral Foundation. She has also participated in the National "973 Project", the National Natural Science Foundation Project, the 100-person Program of the Chinese Academy of Sciences, the National Outstanding Youth Fund and the Chinese Academy of Sciences Knowledge Innovation Project. In recent years, she has presided over such subjects as "Mathematics Discipline Development Research", "Development Trend of X-ray Free Electron Laser at Home and Abroad", "China Basic Research Development Report 2001-2010", "International Frontier Analysis of Water Science Basic Research", "Interdisciplinary and Major Frontier Strategic Research of Basic Science at Home and Abroad". She has published more than 30 papers in international and domestic journals.

Research Direction: Subject intelligence Research

The important feature of the development of modern science and technology is the increasingly prominent trend of disciplinary integration. The intersection, penetration and integration of large-scale scientific research and disciplines provide conditions for understanding the objective world and have become the growth point of nurturing original innovation. Major breakthroughs in science and technology often arise in the intersection and integration of disciplines. Therefore, interdisciplinary and cross-disciplinary research has increasingly shown its vigorous vitality. The cross-study of basic science needs multi-faceted, fast and accurate information service support and cooperation with subject information team. The main direction and content of cross-cutting and major frontier science information research is the collection and analysis of cross-cutting science information and the major frontier of science information, including the development trend of discipline research, the analysis of frontier and key disciplines, the quantitative analysis and evaluation of scientific research achievements, and the study of the operation mechanism of scientific research institutions. Provide intelligence services for scientific

management and scientific research.

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