



**Hu Zheng-yin**

**Gender:** Male

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**Positions:** Deputy Director of the Network and Information System Department in Chengdu Documentation and Information Center, Chinese Academy of Sciences; Master instructor of University of Chinese Academy of Sciences.

### **Education Background**

- Bachelor degree of Engineering (Applied Chemistry) and Bachelor degree of Science (Computer Software), University of Science and Technology of China, 2001
- Master degree of Management, Sichuan University, 2009
- Doctor degree of Management, University of Chinese Academy of Sciences, 2015
- Visiting Professor, United States Georgia Institute of Technology, August 2011-February 2012

### **Research Areas**

- To mine domain Science, Technology & Innovation (ST&I) information and generate practical intelligence using natural language processing, text mining, and other knowledge technologies and tech mining methods and tools to implement domain knowledge discovery.
- To establish multidimensional and fine-grained domain patent databases based on semantic TRIZ to support precise patent tech mining.

### **Publications**

- More than 40 journal articles and one monograph, covering “An SAO-based approach to technology evolution analysis using patent information: Case study-graphene sensors”, “Empirical study of constructing a knowledge organization system of patent documents using topic modeling”, “Research on the Construction of Personalized Semantic TRIZ”, etc.

### **Grants & Projects**

More than 10 projects have been funded and completed.