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Research Field: Chronic diseases in communities and Geriatric nursing

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EDUCATION

<u>Institution</u>	<u>Degree</u>	<u>Dates</u>	<u>Major</u>
Xi'an Jiaotong University	Master	2005.09-2007.12	Management
Zhengzhou University	Bachelor	2000.09-2003.07	Nursing

ACADEMIC EMPLOYMENT

<u>Institution</u>	<u>Rank or Title</u>	<u>Dates</u>
Zhengzhou University School of Nursing	Professor	2015.01-present
Zhengzhou University School of Nursing	Professor, Dean	2009.09-2014.12
Second Affiliated Hospital of Zhengzhou University	Deputy Secretary of the Party Committee Professor of Nursing	2005.03-2009.08
Second Affiliated Hospital of Zhengzhou University	Associate Professor of Nursing	2001.03-2005.02
Second Affiliated Hospital of Zhengzhou University	Nurse/Head nurse	1981.09-2001.02

RESEARCH ACTIVITIES

Research Grants 13 (¥ 1,500,000)

1. Principal Investigator. The research for the role of health care worker in improving the harmonious physician-patient relationship. China Association for Science and Technology.

20122CYJ10, ¥ 150000.

2. Principal Investigator. The model of hospital-community-home continuous rehabilitation care for Stroke survivors. Province-ministry Co-constuct program in Office of Health, Henan Province. 201201014, ¥ 10000.

3. Principal Investigator. The research of rule and process of continuous rehabilitation care for stroke survivors.The innovative talents program in Office of Science and Technology in Henan Province.134200510018, ¥ 500000.

4. Principal Investigator. The research of post-traumatic growth of stroke survivors.The Key Scientific and Technological Project from the Office of Science and Technology in Henan Province.132102310108,¥ 10000.

5. Principal Investigator. The empirical research of continuous rehabilitation care for stroke survivors. The Livelihood Project from Zhengzhou Technology Council. 131PZDGC140, ¥ 300000.

Awards

<u>Name</u>	<u>Prize Rank</u>	<u>Numbers</u>
Prize of Scientific and Technological Progress in Henan province	Second	3 times
Award of Henan Government Excellent Teaching Productions	First	2 times
Prize of Medical Scientific and Technological Progress in Office of Health, Henan Province	First	3 times
Prize of Scientific and Technological Progress in Zhengzhou	Second	6 times
Prize of Popular Science Products in Association of Science and Technology Henan Province	First	4 times

PUBLICATION

Articles in Refereed Journals 180 (SCI 11, CSSCI 73)

1. Chen Suyan, Peng Huizhen, Rowat Anne, **Zhang zhenxiang**, et al.The influence of concentration and duration of normobaric oxygen in reducing caspase-3 and caspase-9 injury using a rat-model of focal cerebral ischaemia[J]. Brain Research, 2015, 1618: 205-211.
2. Peng Wang, Ling Li, **Zhenxiang Zhang**, et al. Time-dependent activity of Na⁺/H⁺ exchanger isoform 1 and homeostasis of intracellular pH in astrocytes exposed to CoCl₂ treatment[J]. Molecular Medicine Reports, 2016, 13(5): 4443-4450.
3. **Zhang Zhenxiang**, Wang Peng, Zhang Qiushi, et al. Effects of anisodamine on the

- expression of vascular endothelial growth factor and intercellular adhesion molecule 1 in experimental infusion phlebitis[J]. Chinese Medical Journal, 2012, 125(2): 300-305.
4. **Zhang zhenxiang**, Yang Yaping, Lin Beilei, Zhang Qiushi. Application of Trinity Model on the First Aid in Community Residents[J]. Life science journal, 2012, 9(2): 563-566.
 5. **Zhang zhenxiang**, Chen Ying, Wang Yanli, et al. The Observations of Cytokines and Coagulation for Patients after Operation of Peripherally Inserted Central Catheter[J]. Life science journal, 2011, 8(2): 613-615.

Books 12

1. **Zhang zhenxiang**, Zhang Yan. A must read book for nursing assistant for elderly people [M]. Beijing: People's Medical Publishing House, 2016.
2. **Zhang zhenxiang**. Rehabilitation nursing skills for stroke survivors in communities[M]. Beijing: People's Medical Publishing House, 2014.
3. **Zhang Zhenxiang**, Cai Xiaohong. Adult nursing[M]. Beijing: People's Medical Publishing House, 2014.

Patent 6

1. **Zhang zhenxiang**. An electrotherapy suit for patients with hemiparalysis[P]. National Patent NO.: ZL20122 0453042.7, 2013-2-20.
2. **Zhang zhenxiang**. Multifunctional fixer for catching mouses in experiments[P]. National Patent NO.: ZL20122 0705321.8, 2013-6-19.

HONORS

Special Government Allowances of the State Council of Experts, People's Republic of China

Outstanding Experts in Henan Province, Henan Provincial Government

National Labor Medal, China Federation of Trade Union

Outstanding Young Technology Experts in Henan, Organization Department of Party Committee of Henan Province

Top Ten Technology Leader in Henan, Association for Science and Technology in Henan Province

The Excellent Teacher in Henan, the Education Department of Henan Province

Leader of Academic Technology in Henan, the Education Department of Henan Province