

Wenxia Wang/Alma

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RESEARCH INTEREST

- Utilization of multimodal data to recognize and respond emotional states of the elderly
- Translational research in new technologies for fall prevention in disabled elderly
- Development of intelligent recommendation systems for the care of older adults with dementia

BACKGROUND

School of Nursing, Peking University , Beijing, China	Sep 2023 - Jul 2027
● PhD candidate, Nursing; GPA : 3.23/4.0	<i>Supervisor: Prof. Zhiwen Wang</i>
● Main courses: Scale development and metrological characteristic assessment (A); The Development Foundation and Theoretical Construction of Nursing (A-), etc.	
School of Nursing, Jilin University , Jilin, China	Sep 2020 - Jul 2023
● Postgraduate Research Student, Medicine degree, Nursing; GPA : 3.78/4.0	<i>Supervisor: Prof. Jiao Sun</i>
● Main courses: Scientific ethics and academic norms (95/100); Medical statistics (92/100); Advanced Health Assessment (92/100); Evidence-based nursing (90/100), etc.	
School of Nursing, Jilin University , Jilin, China	Sep 2016 - Jul 2020
● Undergraduate, Bachelor degree, Nursing; GPA : 3.0/4.0	
● Main courses: Anatomy; pathology; physiology; Medical Advanced Mathematics; Nursing Surgery, etc	

PUBLICATIONS

- **Wang W**, Li H, Meng X, Sun J. (2025) Dual game of family responsibilities and health behaviors: perceptions and motivations for healthy lifestyles among first-degree relatives of colorectal cancer patients in China. Advances in nursing science. Published online. [doi:10.1097/ANS.0000000000000581](https://doi.org/10.1097/ANS.0000000000000581) (IF=2.2; Q2)
- **Wang, W.**, Han S., ... Wang, Z. (2024). Analysis of Voice Biomarkers Related Research Funding Projects by the National Institutes of Health in the United States. Military Nursing. 41(11): 5-8.
http://jfjhlzz.smmu.edu.cn/jfjhlzz/article/abstract/20241102?st=article_issue (In Chinese)
- **Wang, W.**, Fang, S., Zhang, S., He, M., ... Sun, J. (2023). Gaps in awareness and practice of healthy lifestyles among individuals at high risk of colorectal cancer: A qualitative evidence synthesis. Journal of clinical nursing, 32(17-18), 5737–5751. <https://doi.org/10.1111/jocn.16696> (IF=3.5; Q1)
- **Wang, W.**, Li, H., Li, Y., ... Su, J., & Sun, J. (2022). Colorectal cancer survivors' experience of continuity of care provided by different health professionals: A qualitative evidence synthesis. Journal of clinical nursing, 31(21-22), 2985–2999. <https://doi.org/10.1111/jocn.16189> (IF=3.5; Q1)
- Li, H., Zhao, Y., Li, W., **Wang, W.**, ... & Sun, J. (2025). A Wechat-based decision aid intervention to promote informed decision-making for family members regarding the genetic testing of patients with colorectal cancer: randomized controlled trial. Journal of medical Internet research, 27, e60681. <https://doi.org/10.2196/60681> (IF=6.0 Q1)
- Meng, X., Sun, J., Du, Z., **Wang, W.**, ... Wang, S. (2025). Comparisons of nonpharmacological caregiver interventions for behavioural and psychological symptoms of dementia: A systematic review and network meta-analysis. International journal of nursing studies, 170, 105153. <https://doi.org/10.1016/j.ijnurstu.2025.105153> (IF=7.1 Q1)
- Wang, X., Han, S., **Wang, W.**, ... Wang, Z. (2025). The Application of Voice Biomarkers in Frailty: A Scoping Review. Journal of voice; official journal of the Voice Foundation. <https://doi.org/10.1016/j.jvoice.2024.12.029> (IF=2.4 Q1)

RESEARCH EXPERIENCES

* The following is my research experience.

- Research on An Empirical Study on the Joint Management Model of Chronic Disease Prevention, Screening and Intervention for the Elderly Population in Liaoning Province** Aug 2022 - Dec 2025

- **PI:** Prof. Zhiwen Wang; **Funding:** the key scientific and technological special project
- **My Role:** Developing prevention measures for pressure injury based on evidence-based nursing
- **Publication:** completing a Chinese paper as the first author (under review)

Research on Construction and Application of an Intelligent Recommendation System for Care Plans for Dementia-Afflicted Elderly Based on Knowledge Graphs Jan 2023 - Dec 2026

- **PI:** Prof. Zhiwen Wang; **Funding:** the National Natural Science Foundation of China
- **Role:** collecting experience feedback from dementia caregivers for system usability evaluation
- **Publication:** completing a SCI paper as the first author (under review)

Guidelines for the Assessment and Maintenance of Intrinsic Capacity in the Elderly Completed

- **Role:** formulating a plan for the physical activities of the elderly based on evidence-based nursing
- **Publication:** published a Chinese paper (In Chinese, doi: 10.3761/j.issn.0254-1769.2025.03.001)

ACADEMIC CONFERENCES

- World Young Scientist Summit 2024 & The 4th Postgraduate Nursing Research Forum (Oral presentation)
- Chinese Nursing Association Conference on Evidence-Based Practice (Oral presentation)
- The 14th Hong Kong International Nursing Forum · 2024 Sino-US Nursing Forum (Poster Presentation)

AWARDS & HONORS

*From 2020 to 2025

- The National Postgraduate Scholarship of Jilin University (Highest Postgraduate Honors)
- Outstanding Social Practice Award of Jilin University
- The Third-Class Scholarship of Jilin University
- The Outstanding graduate of Jilin University

SKILLS & INTEREST

- **Languages:** English (CET-6: 480), Chinese (native)
- **Software and Tools:** Nvivo, Python, etc
- **Interest:** strength training, long distance run (over ten times and once won the third prize in the half-marathon team)