



# Curriculum Vitae

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| Name                                             | Pao-Ju Chen                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                     |  |
| 姓名                                               | 陳寶如                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                     |                                                                                     |
| Organization                                     | Asia Eastern University of Science and Technology<br>Department of Nursing                                                                                                                                                                                                                                                                                                                                                                                                 |                 |                     |                                                                                     |
| Current Position                                 | Associate Professor                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                     |                                                                                     |
| Educational Background                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |                     |                                                                                     |
| Ph.D                                             | National Defense Medical University                                                                                                                                                                                                                                                                                                                                                                                                                                        | (major) Nursing |                     |                                                                                     |
| Masters                                          | National Defense Medical University                                                                                                                                                                                                                                                                                                                                                                                                                                        | (major) Nursing |                     |                                                                                     |
| BS                                               | National Taipei University of Nursing and Heath Sciences                                                                                                                                                                                                                                                                                                                                                                                                                   | (major) Nursing |                     |                                                                                     |
| Professional Experience                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |                     |                                                                                     |
| No                                               | From                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | to              | Position            | Name of organization                                                                |
| 1                                                | 2023/08                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | present         | Associate Professor | Asia Eastern University of Science and Technology                                   |
| 2                                                | 2020/08                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2023/07         | Assistant Professor | Asia Eastern University of Science and Technology                                   |
| 3                                                | 2018 /05                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2020/07         | Assistant Professor | Hsin Sheng Junior College of Medical Care and Management.                           |
| 4                                                | 2006/08                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2018/04         | Lecturer            | Hsin Sheng Junior College of Medical Care and Management.                           |
| 5                                                | 1997/7                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2001/2          | Nurse               | Mackay Memorial Hospital                                                            |
| Main Scientific Publications in The Last 5 Years |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |                     |                                                                                     |
| 1.                                               | <b>Chen, P. J*</b> . (2025). Effectiveness of integrating generative artificial intelligence with virtual reality for maternity communication simulation: A randomised controlled trial. <i>Clinical Simulation in Nursing</i> , 105, 101786. <a href="https://doi.org/10.1016/j.ecns.2025.101786">https://doi.org/10.1016/j.ecns.2025.101786</a> 【SCI, JCR=2024, IF= 2.5, Nursing Ranking= 35/192 (18.22%)】                                                               |                 |                     |                                                                                     |
| 2.                                               | <b>Chen, P. J*</b> , Liou, W. K., & Chen, M. J. (2025). Effects of an ARCS-based interactive e-book featuring clinical scenarios on the learning motivation, self-efficacy and practical competence of nursing students in foetal heart rate interpretation. <i>Nurse Education in Practice</i> , 83, 104261. <a href="https://doi.org/10.1016/j.nepr.2025.104261">https://doi.org/10.1016/j.nepr.2025.104261</a> 【SCI, JCR=2024, IF= 4.0, Nursing Ranking= 6/192 (3.12%)】 |                 |                     |                                                                                     |
| 3.                                               | <b>Chen, P. J.</b> , & Liou, W. K*. (2025). ChatGPT-driven interactive virtual reality communication simulation in obstetric nursing: A mixed-methods study. <i>Nurse Education in Practice</i> , 85,                                                                                                                                                                                                                                                                      |                 |                     |                                                                                     |



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|     | 104383. <a href="https://doi.org/10.1016/j.nepr.2025.104383">https://doi.org/10.1016/j.nepr.2025.104383</a> 【SCI, JCR=2024, IF= 4.0, Nursing Ranking= 6/192 (3.12%)】                                                                                                                                                                                                                        |
| 4.  | <b>Chen, P. J*</b> . (2025). Enhancing the digital competence of nurses through a project-based augmented reality approach in continuing education. <i>Journal of Continuing Education in Nursing</i> , 56(9), 364-371. <a href="https://doi.org/10.3928/00220124-20250619-01">https://doi.org/10.3928/00220124-20250619-01</a> 【SCI, JCR=2024, IF= 1.4, Nursing Ranking= 110/192 (57.29%)】 |
| 5.  | 陳寶如* (2025) · 科技引領的學習蛻變：產兒科數位護理教育的實踐 · 領導護理, 26(2), 11-21。 <a href="https://doi-org.mhda.flysheet.com.tw:8443/10.29494/LN.202506_26(2).0002">https://doi-org.mhda.flysheet.com.tw:8443/10.29494/LN.202506_26(2).0002</a>                                                                                                                                                                    |
| 6.  | <b>Chen, P. J., &amp; Liou, W. K*</b> . (2024). Augmented reality and artificial intelligence medical waste classification system and method. <i>International Journal of Nursing Education</i> , 16(1), 52-57. <a href="https://doi.org/10.37506/awehje57">https://doi.org/10.37506/awehje57</a>                                                                                           |
| 7.  | <b>Chen, P. J*</b> , Liou, W. K. (2024). Development and Application of Intuitive 3D Digital Global Health Information Teaching System in Nursing Education. <i>Biomed Sci Clin Res</i> , 3(1), 01-06.                                                                                                                                                                                      |
| 8.  | <b>Chen, P. J., &amp; Liou, W. K*</b> . (2023). The effects of an augmented reality application developed for paediatric first aid training on the knowledge and skill levels of nursing students: An experimental controlled study. <i>Nurse Education Today</i> , 120, 105629. 【2023 SSCI/Impact factor 3.9; Nursing Rank 4/193 Q1】                                                       |
| 9.  | 陳寶如、劉為開* (2023) · 建構沉浸式虛擬實境產科照護學習系統提升護理系學生認知、情意與技能之學習成就 · 教學實踐研究, 3 (6), 79-98。                                                                                                                                                                                                                                                                                                             |
| 10. | <b>Chen, P. J., &amp; Liou, W. K*</b> . (2022). Development and application of AR-based assessment system for infant airway obstruction first aid training. <i>Children</i> , 9(11), 1622. SCI/IF 2.835                                                                                                                                                                                     |
| 11. | <b>Chen, P. J., &amp; Liou, W. K*</b> . (2022). Exploring the impact of the use of immersive virtual reality interactive experiences on student learning of obstetrical nursing. <i>International Journal of Nursing Education</i> , 14(3), 121-126. E-ISSN: 0974-9357                                                                                                                      |
| 12. | Liou, W. K., & <b>Chen, P. J*</b> . (2022). Development of a virtual reality nursing assistance system to positively enhance rectal medication adherence in children. <i>International Journal of Nursing Education</i> , 14(4), 109-116. E-ISSN: 0974-9357                                                                                                                                 |
| 13. | Gou, G. H., Tseng, F. J., Wang, S. H., <b>Chen, P. J.</b> , Shyu, J. F., Weng, C. F., & Pan, R. Y*. (2020). Autologous chondrocyte implantation versus microfracture in the knee: a meta-analysis and systematic review. <i>Arthroscopy: The Journal of Arthroscopic &amp; Related Surgery</i> , 36(1), 289-303. SCI/IF 5.973.                                                              |
| 14. | Gou, G. H., Tseng, F. J., Wang, S. H., <b>Chen, P. J.</b> , Shyu, J. F., & Pan, R. Y*. (2019). Nutritional factors associated with femoral neck bone mineral density in children and adolescents. <i>BMC Musculoskeletal Disorders</i> , 20(1), 1-10. SCI/IF 2.562                                                                                                                          |
| 15. | <b>Chen, P. J.</b> , Yang, L., Chou, C. C., Li, C. C., Chang, Y. C., & Liaw, J. J*. (2017). Effects of prenatal yoga on women's stress and immune function across pregnancy: A randomized controlled trial. <i>Complementary Therapies in Medicine</i> , 31, 109-117. SCI/IF 3.5                                                                                                            |
| 16. | <b>Chen, P. J.</b> , Chou, C. C., Yang, L., Tsai, Y. L., Chang, Y. C., & Liaw, J. J*. (2017). Effects of aromatherapy massage on pregnant women's stress and immune function: A longitudinal, prospective, randomized controlled trial. <i>Journal of Alternative and Complementary Medicine</i> ,                                                                                          |



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|     | 23(10), 778-786. SCI/IF 2.4                                                                                                                                                                                                                                                                   |
| 17. | Lai, F. C., Chen, I. H., <b>Chen, P. J.</b> , Chen, I. J., Chien, H. W., & Yuan, C. F*. (2017). Acupressure, sleep, and quality of life in institutionalized older adults: A randomized controlled trial. <i>Journal of the American Geriatrics Society</i> , 65(5), e103-e108. SCI/IF 7.538. |