

Doctoral Proficiency Examination- Chemistry Education Reading List

1. Johnson, C. C., & Czerniak, C. M. (2023). Interdisciplinary approaches and integrated STEM in science teaching. In N. G. Lederman, D.L. Zeidler, & J. S. Lederman (eds). *Handbook of research on science education* (pp. 559-585). Routledge.
2. Erduran, S., & Akış, A. P. (2023). Chemistry education research: Recent trends and the onset of the pandemic era. In N. G. Lederman, D.L. Zeidler, & J. S. Lederman (eds). *Handbook of research on science education* (pp. 657-691). Routledge
3. van Driel, J. H., Hume, A., & Berry, A. (2023). Research on science teacher knowledge and its development. In N. G. Lederman, D.L. Zeidler, & J. S. Lederman (eds). *Handbook of research on science education* (pp. 1123-1161). Routledge.