

- in *Chemistry Education*. Unpublished Doctoral Dissertation, Gazi University, Ankara.
- Ültay, E. (2017). Examination of context-based problem-solving abilities of pre-service physics teachers. *Journal of Baltic Science Education*, 16(1), 113-122.
- Ültay, E., & Can, M. (2015). Determination of preschool student teachers' conceptual knowledge about "heat and temperature". *The Black Sea Journal of Social Sciences*, 7(1), 179-203.
- Ünlü, P., İnceç, Ş.K., & Taşar, M.F. (2006). Investigating teacher candidates' knowledge structures about momentum and impuls by the method of using concept maps. *Education and Science*, 31(139), 70-79.
- Uzuntiryaki, E., & Geban, Ö. (1998). *Using Conceptual Change Texts and Concept Maps in Teaching the Subject of Solution in the 8th Grade*. Paper Presented at the National 3rd Science Symposium, Karadeniz Technical University, Trabzon.
- Uzuntiryaki, E., Çakır, Ö.S., & Geban, Ö. (2001). *The Effect of Concept Maps and Conceptual Change Texts on Eliminating Students' Misconceptions about Acid Bases*. Paper Presented at the Science Education Symposium at the Beginning of the New Millennium, Maltepe University, İstanbul.
- Vanides J., Yue, Y., Tomita, M., & Ruiz-Primo, M.A. (2005). Using concept maps in the science classroom. *Science Scope*, 28(8), 27-31.
- Vodovozov, V., & Raud, Z. (2015). Concept Maps for Teaching, Learning, and Assessment in Electronics. *Education Research International*. Available from: <http://www.downloads.hindawi.com/journals/edri/2015/849678.pdf>. [Last retrieved on 2020 Jan 31].
- Wellington, J. (2000). *Educational Research, Contemporary Issues and Practical Approaches*. London, UK: Continuum.
- White, R., & Gunstone, R. (1992). *Probing Understanding*. London, UK: The Falmer Press.
- Wittmann, M.C., Steinberg, R.N., & Redish, E.F. (2003). Understanding and addressing student reasoning about sound. *International Journal of Science Education*, 25(8), 991-1013.
- Wu, Y. (2007). *A Pilot Study of Applying Hierarchical Curriculum Structure Graph for Remedial Learning*. In the Proceedings of the 7th IEEE International Conference on Advanced Learning Technologies (ICALT '07), Niigata, Japan. pp. 103-107.,
- Yıldırım, A., & Şimşek, H. (2011). *Qualitative Research Method in Social Sciences*. 8th ed. Ankara, Turkey: Seçkin Publishing.