REFERENCES


Arkun and Akkoyunlu, (2008). A Study on the development process of a multimedia learning environment according to the ADDIE model and students’ opinions of the multimedia learning environment. *Interactive Educational Multimedia*, Number 17, 1-19


Tien, L.L and Osman, (2014). Development of Interactive Multimedia Module with Pedagogical Agent (IMMMPA) in the Learning of Electrochemistry:


Samba RMO, Eriba J.O., (2012). Background information on teaching difficult science concepts. In Samba RMO and Eriba JO. (Eds). Innovative Approaches in teaching difficult science concepts (pp.1–5) Makurdi, Nigeria: Destiny Ventures

Santos and Arroio, (2016). The representational levels: Influences and contributions to research in chemical education. *Journal of Turkish Science Education.* 13(1), 3-18. DOI: 10.12973/tused.10153a


Talib, O., Matthews, R., Secombe, M., (2005), Computer-animated instruction and students’ conceptual change in electrochemistry: Preliminary qualitative analysis
