

Perceived learning performance by Xu

Xu, D., Huang, W. W., Wang, H., & Heales, J. (2014). Enhancing e-learning effectiveness using an intelligent agent-supported personalized virtual learning environment: An empirical investigation. *Information & Management*, 51(4), 430-440.

5 Items

1 Dimension

To what extent do you agree with the following statements about your learning outcomes?

I became more interested in the subject

I gained a good understanding of the basic concepts

I developed the ability to communicate clearly about this subject

I was motivated to do my best

I increased my competence with Oracle Database

5-point Likert Scale (1 represented Strongly Disagree, 3 was the neutral point, and 5 represented Strongly Agree)

Cronbachs α : NA