

# ENGAGEMENT AND DESERTION IN MOOCs: SYSTEMATIC REVIEW

Dr. Odiel Estrada-Molina  
Dieter-Reynaldo Fuentes-Cancell

<https://doi.org/10.3916/C70-2022-09>

## INTRODUCTION



### MOOC'S

The rise of MOOCs is mainly due to the increase in educational offerings and the growing demands and learning needs of society



### engagement

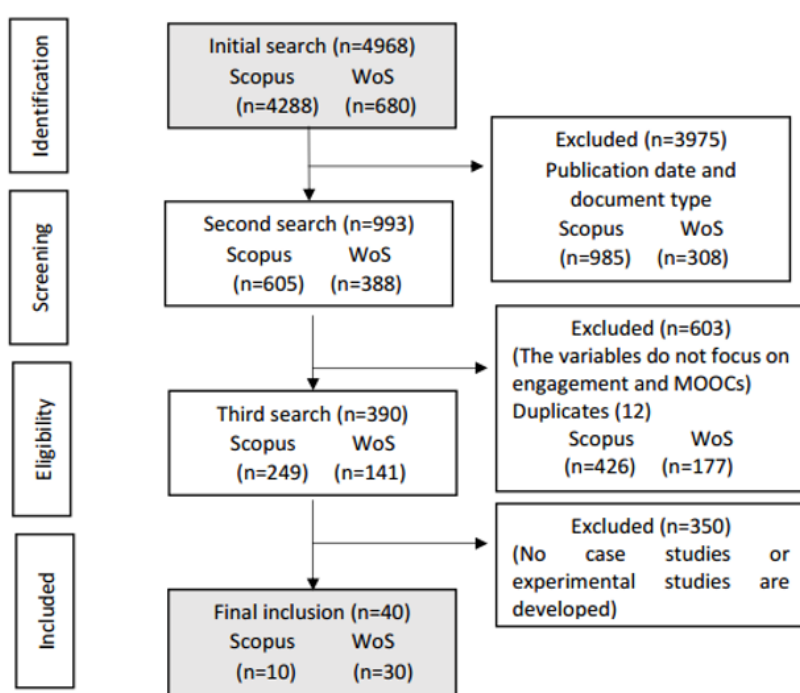
there is a lack of studies that systematize and group the variables involved in the relationship between engagement and dropout in MOOCs

## OBJECTS AND METHODOLOGY

how engagement has been worked on to help reduce the dropout rate in MOOCs

- 1) What are the platforms and study modalities most commonly used in the research that studies engagement in MOOCs?
- 2) What are the most studied engagement variables to contribute to decrease the dropout rate in MOOCs?
- 3) What are the main challenges related to engagement in MOOCs?

**Systematic review**  
articles from journals indexed in Scopus or WoS  
applying the PRISMA protocol  
Final sample: 40 studies



## RESULTS



educational experiences are mainly focused on the Coursera, FutureLearn and Moodle platforms



the most used modality is e-learning



key variables



- e-activities design
- intrinsic and extrinsic motivation
- communication among students

## CONCLUSIONS



main challenges to ensure engagement in MOOCs:

individualized tutoring  
interactivity  
feedback



future work is proposed to determine what relationships exist between these variables involved in engagement and attrition in MOOCs

# Comunicar

[www.comunicarjournal.com](http://www.comunicarjournal.com)

© 2021 Media Education Research Journal