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Description:

- References and full-text articles to, among other things, guidelines, systematic reviews, HTA reports
- Free
- Google Scholar consists of uncurated content

Question

What are the effects of **game-based learning (gamification)** on motivation in **university students**?

Search element / PICO

Population (P): university students

Intervention (I):
game-based learning

Study design (S): systematic review

- Click on the three lines in the top left corner and select Advanced search.
- Combine synonyms within the same search element with OR, and create parentheses around them.
- Different search elements are automatically combined with AND at spaces.
- Put phrases in quotation marks ("university students").
- Searches anywhere in the text. Type allintitle: in front of the search terms to match only in the title (remember the lowercase a).
- You can also omit the search element for study design (S), and narrow the search results to Review articles on the left side.
- Consider narrowing down to relevant publication years

Search (P) AND (I) AND (S): ("higher education" OR "university student" OR "university students") (game OR games OR gamification) ("systematic review")

Search

A possible answer

Khaldi, A., Bouzidi, R. & Nader, F. (2023). Gamification of e-learning in higher education: a systematic literature review. *Smart Learning Environments, 10*(1), 10. https://doi.org/10.1186/s40561-023-00227-z