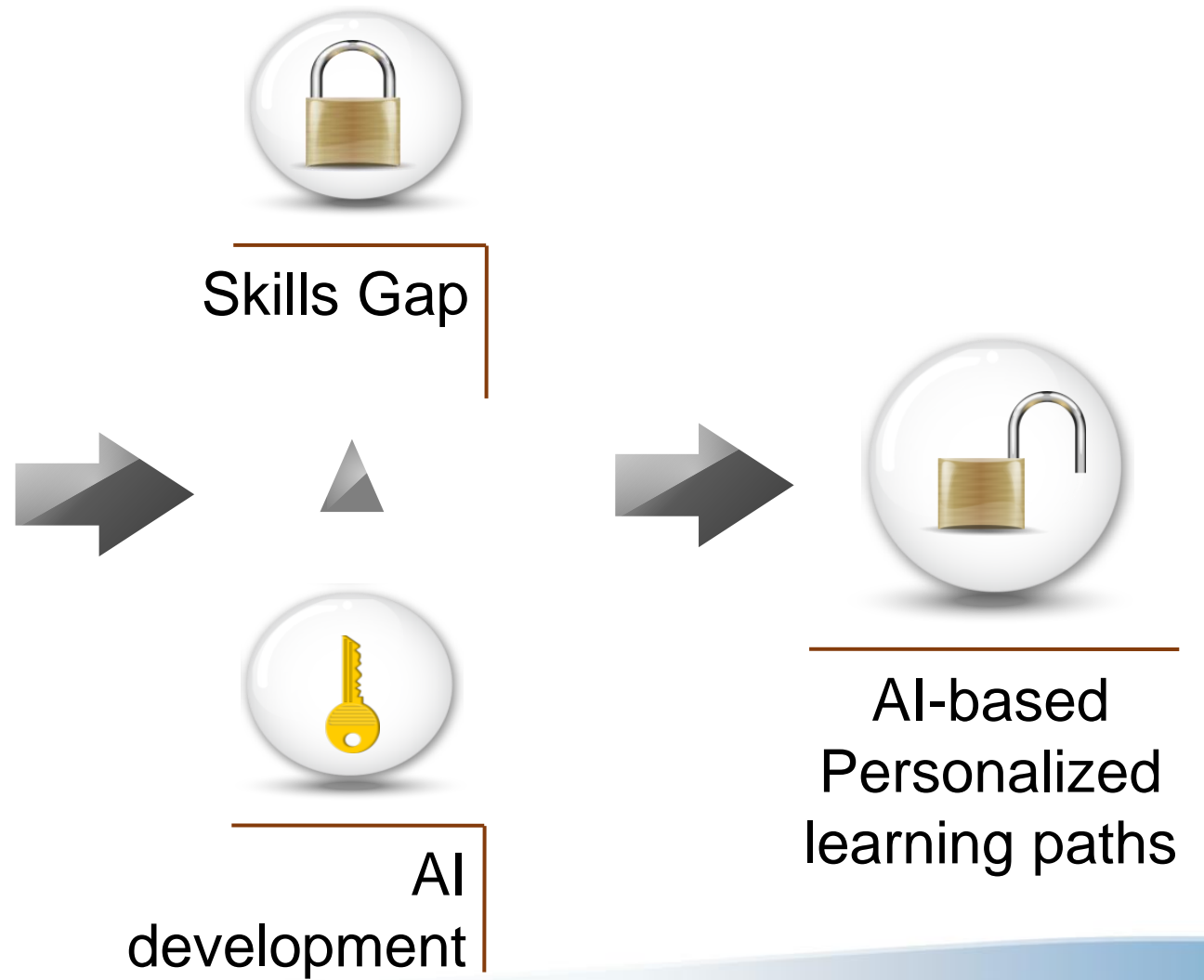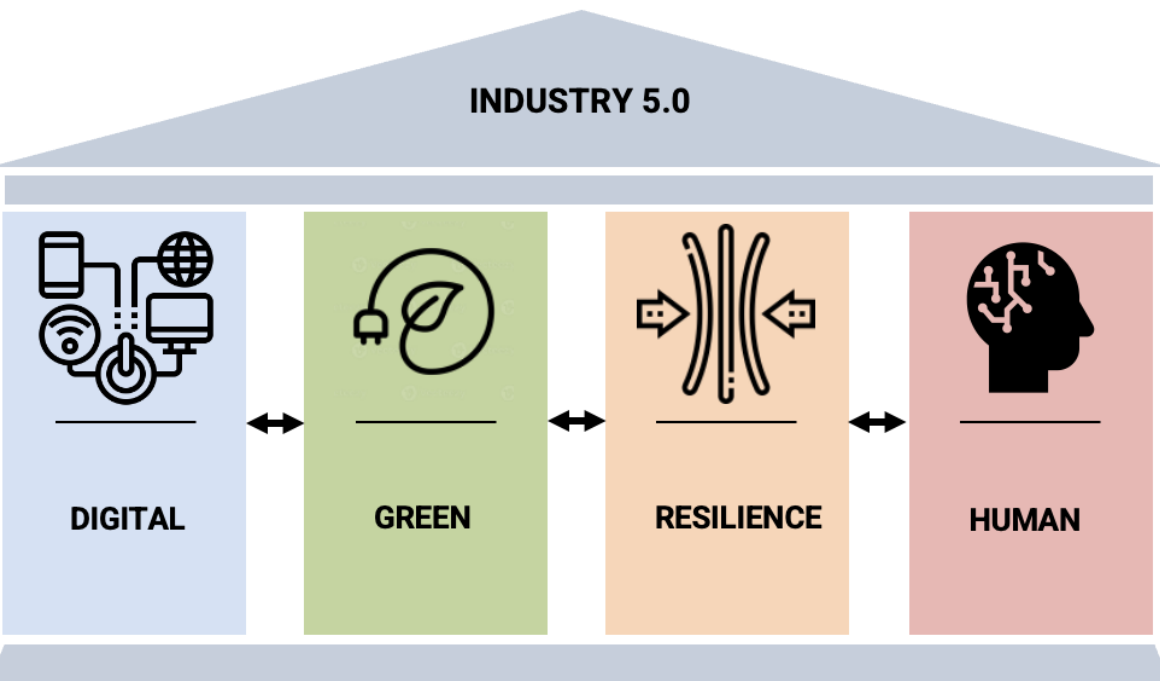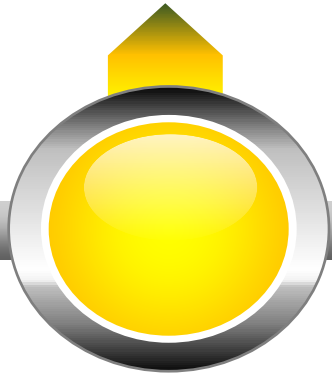# Using AI for developing personalized learning paths

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INDUSTRY 5.0

DIGITAL   GREEN   RESILIENCE   HUMAN

Skills Gap

AI development
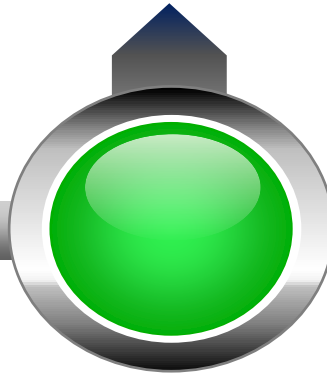
AI-based Personalized learning paths
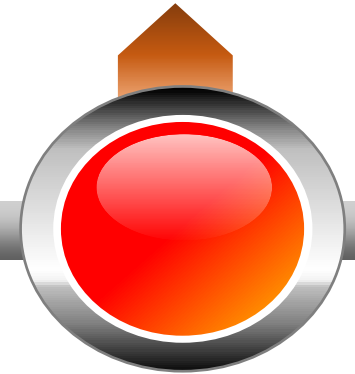
Research methodology

Data collection

Content analysis

Cluster analysis

Density analysis

PRISMA guidelines
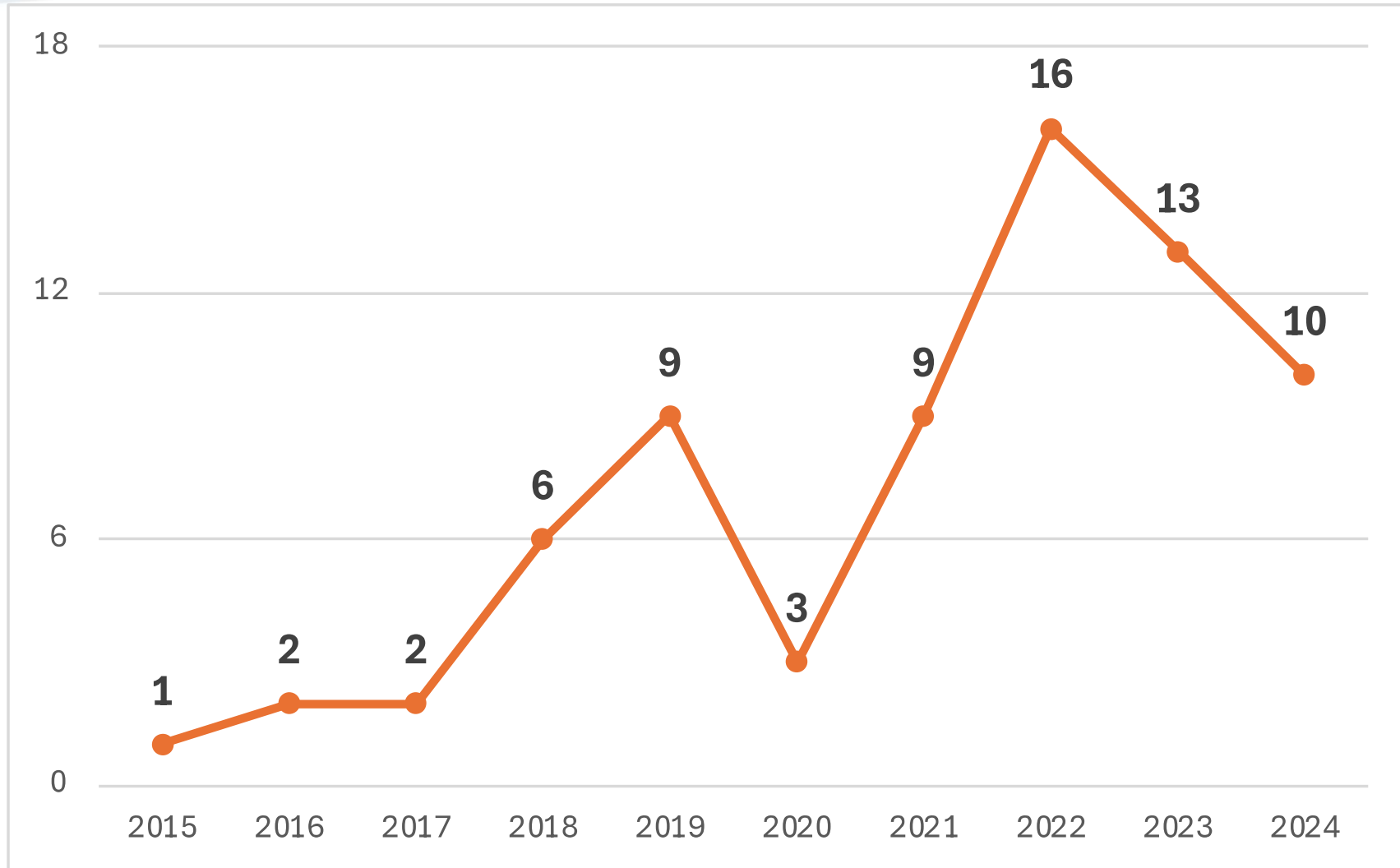71 articles out of 390

Article type
Approach
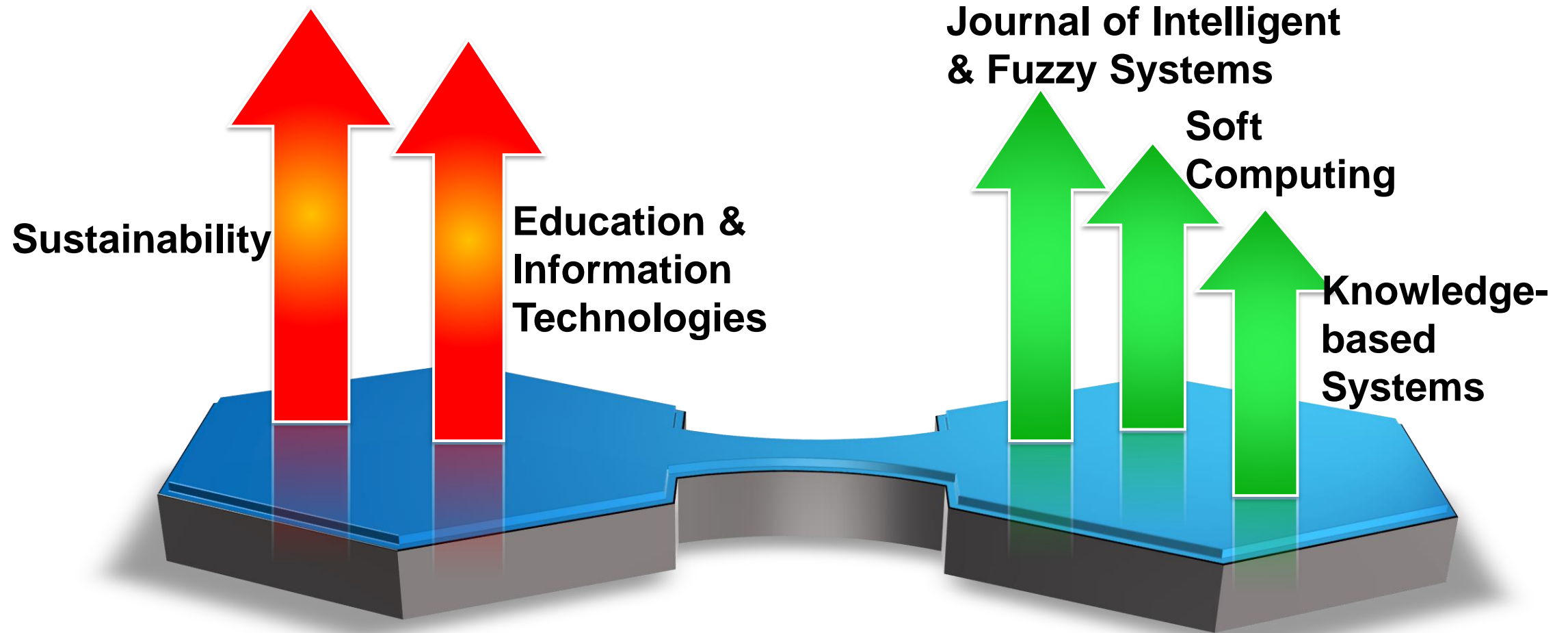**Main topic**

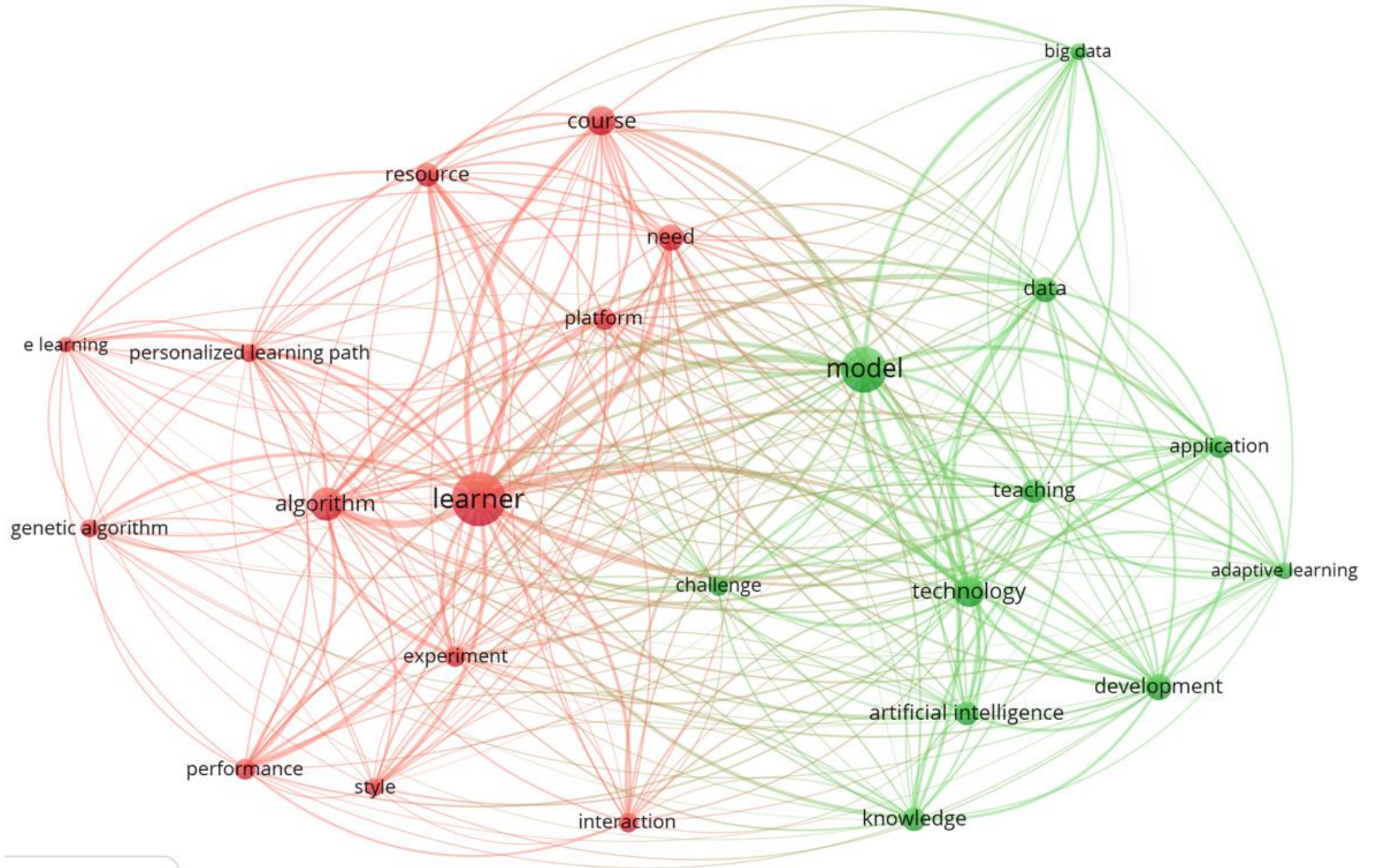**VosViewer**
Similarity matrix

"Hot" topics

Literature trends:
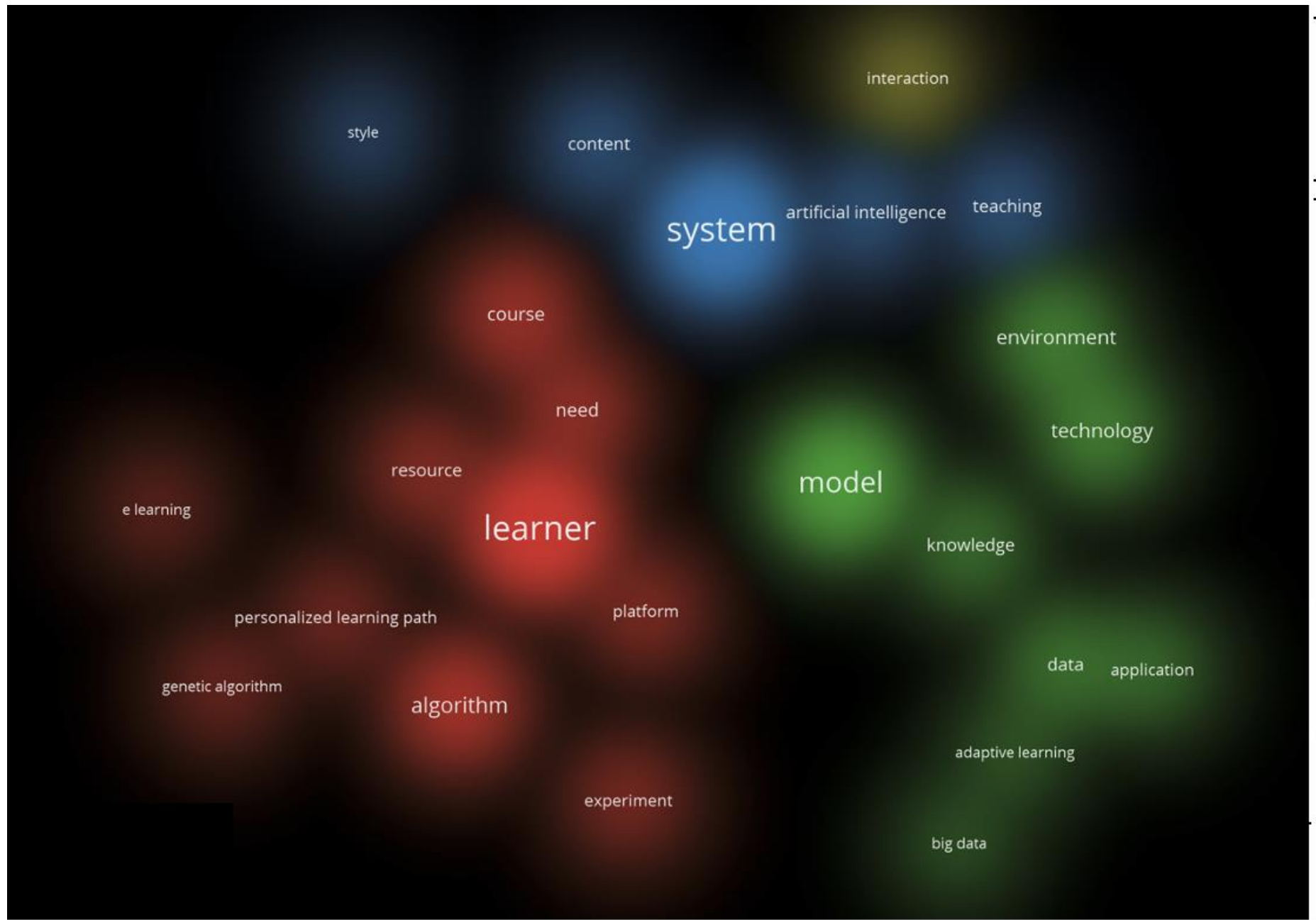# Number of papers published since 2015

Main journals

Clusters on the use of AI for personalized learning paths

Density analysis

Conclusions

- The topics related to using AI for developing personalized learning paths are more appealing to IT researchers than educational scholars.

- 2 lines of research:
    - Technology-driven
    - Centered on learners' needs.

- Limits:
    - Analyzing AI from a general approach;
    - Exclusive use of Web of Science for data collection.

Thank you!