

— 1. Title

Artificial Intelligence for Teaching Reading: A Bibliometric Analysis of Research Trends, Collaboration, and Scholarly Development

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2. Why Reading Matters

- Reading underpins academic success
- Foundation for lifelong learning
- Many learners struggle with reading for meaning
- Global literacy challenges remain



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Adaptive
learning

Intelligent
tutoring

Real-time
feedback

Personalised
instruction

Accessibility
support



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4. Research Gap

AI improves reading support

AI enhances engagement

AI supports multilingual learning

Need to understand trends,
contributors and future directions



5. Research Questions

- RQ1 Publication trends
- RQ2 Authors, countries and collaborations
- RQ3 Thematic structures
- RQ4 Emerging trends



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6. Research Design

- Bibliometric Analysis
- Large-scale literature mapping
- Trend analysis
- Collaboration analysis



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7. Data Collection

- Database: Scopus
- Initial records: 23,275
- Final dataset: 10,587
- Keywords: AI, Reading, Literacy, Education



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8. Inclusion Criteria

Inclusion Criteria	Exclusion Criteria
English language publications	Non-English publications
Articles	Conference papers, book chapters, books and other
Publications related to AI and reading education	Publications unrelated to teaching reading
Indexed in Scopus	Non-indexed sources

9. Publication Growth

2021: 633 publications



2025: 3,304 publications



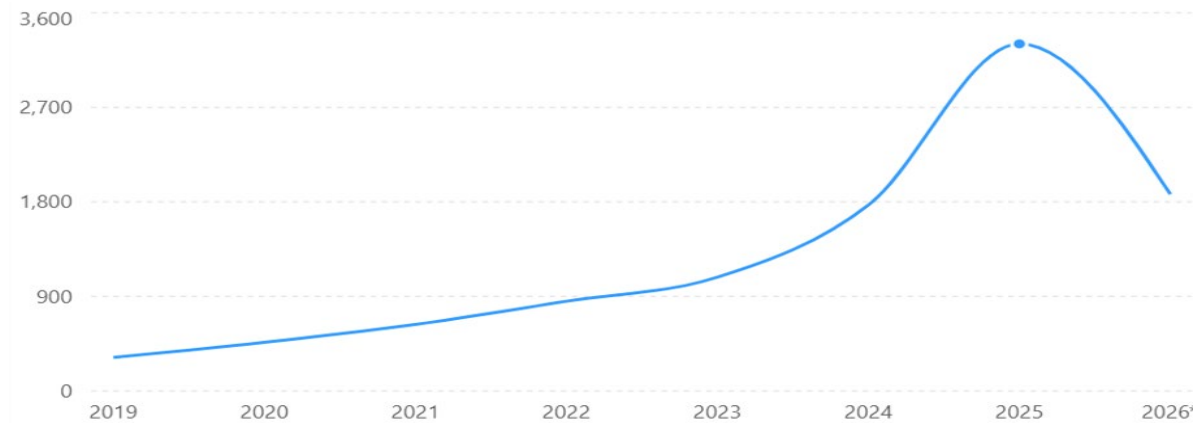
Growth rate: 422%



Rapid expansion of AI-
supported reading research

10. Publication Trend Graph

Figure 1. Annual publication output indexed in Scopus (2019–2026).





11. Co- Authorship Network

84 authors

12 clusters

Moderate
collaboration



12. Collaboration Findings

Growing international collaboration

Fragmented landscape

Need stronger interdisciplinary
partnerships



13. Country-Level Production

Top contributors:

United States

China

India

United Kingdom



14. Global South Perspective

Limited representation

Need context-sensitive AI
literacy solutions

Opportunities for multilingual
contexts



15. Keyword Co-occurrence

Artificial Intelligence

Machine Learning

AI Literacy

Large Language Models

Critical Thinking



16. Emerging Trends

Generative AI

ChatGPT

Claude

Google Gemini

Explainable AI

Ethical Governance



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17. Implications

Researchers

Educators

Policymakers

Digital inclusion

Teacher readiness



18. Key Contributions

Mapped intellectual structure

Identified publication trends

Revealed collaboration networks

Highlighted future research
agenda



19: Conclusion

AI-supported reading research
is growing rapidly

Shift toward learner-centred AI

Need greater Global South
participation

Thank You

— Questions & Comments

✓ Answers

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