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AI in research and publishing

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Following 11 years in research and over two years in research integrity, Lee has a dual perspective to integrity challenges in publishing. His background informs his understanding of both the pressures authors face, and issues that editors need to identify.

AI and research: The new normal

ExplanAItions 2025

Wiley's global research study of 2,430 researchers Mid 2025

AI use has increased significantly since last year, but **most researchers feel they could be doing even more**

Insights

- 84% of researchers now use AI, up from 57% 2024
- 62% for research or publication tasks, up from 45% 2024
- 85% say it improves their efficiency
- 73% say it improves the quality of their work

Top 3 uses of AI:

1. Writing assistance, inc. translation
2. Detecting errors or bias in their own writing
3. Literature review

But researchers want support

- 64% worry about inaccurate or invented output
- 57% say a lack of guidelines holds them back
- Only 41% get that guidance from their organisation
- 73% want publishers to set clear guidelines

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ExplanAItions 2026 report expected early next year

AI and research: A powerful tool

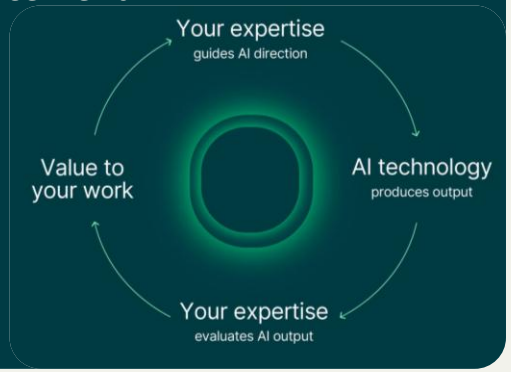
Picking the right tool

Most researchers currently default to general chatbots

- Only 25% have used a research-specific AI tool
- Researchers are patching together free and paid solutions to meet their AI needs

There is a huge selection of AI tools on offer, but:

- Make sure it complies with local policies
- Don't assume data privacy is sufficient
- AI tools are an assistant, not a replacement
- Keep the 'human in the loop'
- The user remains accountable
- AI is not perfect



The researcher should be able to answer questions like these before using AI:

- Is it capable of doing what is required?
- Can the settings/prompts/connections be optimised?
- Can it record the output's provenance?
- Will it use reliable sources of information?
- Are there any risks to proprietary or confidential input?
- Can you opt-out from training AI models?
- Can you limit data retention?
- Will it claim any rights to the output?

AI and publishing with Wiley: Transparent disclosure

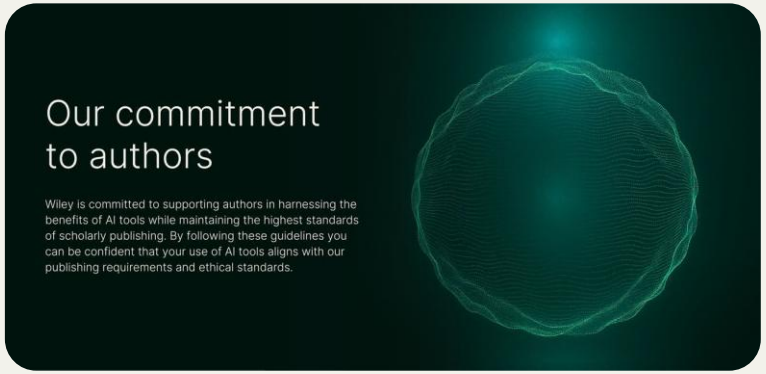
Wiley AI guidelines

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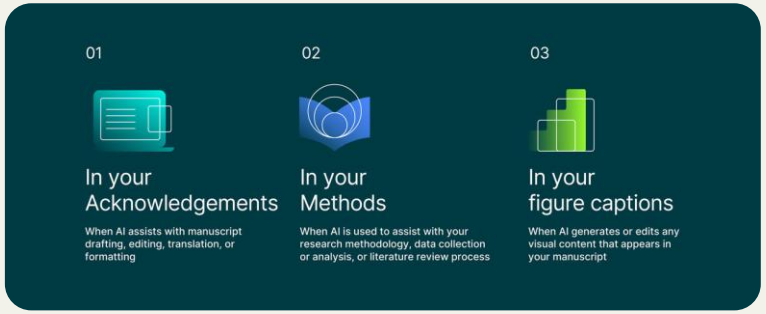
Covers:

- Guidance on generative AI tools
- Common author questions and best practices
- Maintaining intellectual leadership
- **Disclosure and declaration**
- Content rights and permissions
- Bias and equity considerations
- Environmental considerations
- Navigating AI policies
- AI in peer review
- Getting started with AI Technologies
- Literature review with AI
- Drafting and editing manuscripts with AI

Wiley supports the responsible, ethical and transparent use of AI



Disclosure



AI in research and publishing: Open to abuse

Research integrity

- AI can be misused at any stage of a manuscript's preparation and review
- Wiley's research integrity team monitor for and investigate AI misuse alongside other more traditional research concerns
- Information is gathered using inhouse integrity tools, licensed external software and detailed manual checks
- If misuse is confirmed, we liaise with editors on the appropriate course of action

In most instances people are using AI acceptably, we only need to remind authors that to include an appropriate AI statement as per our policy



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Thank you

