

Article title: Ethical Use of Artificial Intelligence in Research Publication: A Scoping Review

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Supplementary file 1. Detailed Database Search Strategies and Retrieval Results

No.	Database	Search strategy	Number of records retrieved
1.	Web of Science	TS=(((Intelligence AND Artificial) OR (Computer AND Reasoning) OR (Machine AND Intelligence)OR (Computational AND Intelligence)OR (Computer AND Vision AND System*) OR “Chat Bot” OR “Chat Bots” OR ChatBot OR ChatBots OR “AI Chat” OR GPT OR “Generative Artificial Intelligence“ OR “Chat GPT” OR ChatGPT OR ChatGPTs) AND ((Fraud* AND Scientific) OR (Fraudulent AND Data) OR (Research AND Misconduct) OR (Scientific AND Dishonest*) OR (academic AND misconduct) OR (Academic AND Integrity) OR (Research AND Integrity) OR (Scientific AND integrity) OR (Academic AND honesty) OR ((Ethic* OR Moral OR misconduct OR Integrity) AND (Publish OR Publishing OR Publication* OR Writing* OR write OR draft* OR Composition OR	5897

		author* OR Academic OR Student* OR Researcher* OR Professor* OR (Faculty AND member*) OR Publisher* OR Editor* OR Reviewer* OR Policymaker*))))	
2.	Scopus	TITLE-ABS-KEY(((Intelligence AND Artificial) OR (Computer AND Reasoning) OR (Machine AND Intelligence) OR (Computational AND Intelligence) OR (Computer AND Vision AND System*) OR “Chat Bot” OR “Chat Bots” OR ChatBot OR ChatBots OR “AI Chat” OR GPT OR “Generative Artificial Intelligence“ OR “Chat GPT” OR ChatGPT OR ChatGPTs) AND ((Fraud* AND Scientific) OR (Fraudulent AND Data) OR (Research AND Misconduct) OR (Scientific AND Dishonest*) OR (academic AND misconduct) OR (Academic AND Integrity) OR (Research AND Integrity) OR (Scientific AND integrity) OR (Academic AND honesty) OR ((Ethic* OR Moral OR misconduct OR Integrity) AND (Publish OR Publishing OR Publication* OR Writing* OR write OR draft* OR Composition OR author* OR Academic OR Student* OR Researcher* OR Professor* OR (Faculty AND member*) OR Publisher* OR Editor* OR Reviewer* OR Policymaker*))))	10602
3.	PubMed	("Artificial Intelligence"[Mesh] OR (Intelligence[TIAB] AND Artificial[TIAB]) OR (Computer[TIAB] AND Reasoning[TIAB]) OR (Machine[TIAB] AND Intelligence[TIAB]) OR (Computational [TIAB] AND Intelligence[TIAB]) OR (Computer [TIAB] AND Vision[TIAB] AND System*[TIAB]) OR “Chat Bot” [TIAB] OR “Chat Bots” [TIAB] OR ChatBot[TIAB] OR ChatBots[TIAB] OR “AI Chat” [TIAB] OR GPT [TIAB] OR “Generative Artificial Intelligence“[TIAB] OR "Generative Artificial Intelligence"[Mesh] OR “Chat GPT” [TIAB] OR ChatGPT[TIAB] OR ChatGPTs[TIAB])) AND ("Scientific Misconduct"[Mesh] OR (Fraud*[TIAB] AND Scientific[TIAB]) OR (Fraudulent [TIAB] AND Data[TIAB]) OR (Research[TIAB] AND Misconduct[TIAB]) OR (Scientific[TIAB] AND Dishonest*[TIAB]) OR (academic [TIAB] AND misconduct[TIAB]) OR (Academic[TIAB] AND Integrity[TIAB]) OR (Research[TIAB] AND Integrity [TIAB]) OR (Scientific[TIAB] AND integrity[TIAB]) OR (Academic [TIAB] AND honesty[TIAB]) OR ("Ethics"[Mesh] OR Ethic*[TIAB] OR Moral[TIAB] OR misconduct[TIAB] OR Integrity[TIAB]) AND (Publish [TIAB] OR Publishing[TIAB] OR Publication*[TIAB] OR Writing*[TIAB] OR write[TIAB] OR draft*[TIAB] OR Composition[TIAB] OR Code*[TIAB] OR Reasearch*[TIAB] OR author*[TIAB] OR Academic	2245

		[TIAB] OR Student* [TIAB] OR Researcher*[TIAB] OR Professor*[TIAB] OR (Faculty [TIAB] AND member*[TIAB]) OR Publisher*[TIAB] OR Editor*[TIAB] OR Reviewer*[TIAB] OR Policymaker*[TIAB])))	
4.	Embase	("artificial intelligence"/exp OR (Intelligence:ti,ab,kw AND Artificial:ti,ab,kw) OR (Computer:ti,ab,kw AND Reasoning:ti,ab,kw) OR (Machine:ti,ab,kw AND Intelligence:ti,ab,kw) OR (Computational:ti,ab,kw AND Intelligence:ti,ab,kw) OR (Computer:ti,ab,kw AND Vision:ti,ab,kw AND System*:ti,ab,kw) OR "Chat Bot":ti,ab,kw OR "Chat Bots":ti,ab,kw OR ChatBot:ti,ab,kw OR ChatBots:ti,ab,kw OR "AI Chat":ti,ab,kw OR GPT:ti,ab,kw OR "Generative Artificial Intelligence":ti,ab,kw OR "generative artificial intelligence"/exp OR "Chat GPT":ti,ab,kw OR ChatGPT:ti,ab,kw OR ChatGPTs:ti,ab,kw) AND ("scientific misconduct"/exp OR (Fraud*:ti,ab,kw AND Scientific:ti,ab,kw) OR (Fraudulent:ti,ab,kw AND Data:ti,ab,kw) OR (Research:ti,ab,kw AND Misconduct:ti,ab,kw) OR (Scientific:ti,ab,kw AND Dishonest*:ti,ab,kw) OR (academic:ti,ab,kw AND misconduct:ti,ab,kw) OR (Academic:ti,ab,kw AND Integrity:ti,ab,kw) OR (Research:ti,ab,kw AND Integrity:ti,ab,kw) OR (Scientific:ti,ab,kw AND integrity:ti,ab,kw) OR (Academic:ti,ab,kw AND honesty:ti,ab,kw) OR ("ethics"/exp OR Ethic*:ti,ab,kw OR Moral:ti,ab,kw OR misconduct:ti,ab,kw OR integrity:ti,ab,kw) AND (Publish:ti,ab,kw OR Publishing:ti,ab,kw OR Publication*:ti,ab,kw OR Writing*:ti,ab,kw OR write:ti,ab,kw OR draft*:ti,ab,kw OR Composition:ti,ab,kw OR author*:ti,ab,kw OR Academic:ti,ab,kw OR Student*:ti,ab,kw OR Researcher*:ti,ab,kw OR Professor*:ti,ab,kw OR (Faculty:ti,ab,kw AND member*:ti,ab,kw) OR Publisher*:ti,ab,kw OR Editor*:ti,ab,kw OR Reviewer*:ti,ab,kw OR Policymaker*:ti,ab,kw)))	2218