Recommend Readings for LLM-as-agent and LLMs

Reference	Year	Focus / Contribution	Source
Macanovic, C. M., Kumar, A. A., et al. *The emergence of large language models as tools in literature reviews. Journal of the American Medical Informatics Association (JAMIA)*	2023	Discusses how LLMs can assist in creating systematic and narrative literature reviews.	OUP – JAMIA
Basyal, L., & Sanghvi, M. *Text Summarization Using Large Language Models: A Comparative Study of MPT-7b-instruct, Falcon-7b-instruct, and OpenAI ChatGPT.*	2023	Empirical comparison of several open and proprietary LLMs for summarization.	arXiv:2310.10449
Comprehensive Survey on Automatic Text Summarization: Conventional and LLM-based Methods.	2025	Broad review contrasting pre-LLM and LLM-based summarization approaches and metrics.	arXiv:2403.02901v2
NAACL 2024 Paper: *On Learning to Summarize with Large Language Models as Reference Learning.*	2024	Explores using LLMs as "teachers" to train smaller summarization models.	ACL Anthology
Anonymous (2025). *An Evaluation of Large Language Models on Text Summarization for Research Articles.*	2025	Evaluates LLMs' ability to summarize long academic papers.	arXiv:2507.05123
Royal Society Open Science (2025). *Generalization bias in large language model summarization of scientific texts.*	2025	Identifies biases and reliability challenges when summarizing scientific research.	Royal Society
Castellanos, A., et al. *Large Language Models for Thematic Summarization in Qualitative Research. JMIR AI*	2025	Applies LLMs for multi-document thematic summarization in qualitative research.	JMIR AI

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Nature Medicine (2024). *Adapted Large Language Models Can Outperform Medical Experts in Clinical Text Summarization*.	2024	Demonstrates domain-specific fine-tuning of LLMs for summarization tasks.	Nature