

## Search Strings

**Paper:** Past the Demo: Modeling LLMOps Maturity for Production Adoption (A Rapid Multivocal Review)

**Execution date:** October 3, 2025 — **Period:** January 2022 – October 2025

Alonzo Nunez<sup>1</sup>[0009-0001-3323-4319], Christian Grévisse<sup>2</sup>[0000-0002-9585-1160] and Ma.  
Florence Pollo Cattaneo<sup>1</sup>[0000-0003-4197-3880]

### 1 Academic Databases

#### 1.1 IEEE Xplore — 68 results

("Document Title":LLMOps OR "Document Title":Large Language Model Operations"  
OR "Document Title":GenAIops) AND ("All Metadata":maturity OR "All Metadata":readiness OR "All Metadata":capability OR "All Metadata":framework)

#### 1.2 ACM Digital Library — 23 results

[[Title:"LLMOps"] OR [Title:"Large Language Model Operations"] OR [Title:"GenAIops"] OR [Title:"generative AI operations"]] AND [[Abstract:maturity] OR [Abstract:readiness] OR [Abstract:capability] OR [Abstract:framework] OR [Abstract:production]]

#### 1.3 Scopus — 31 results

(TITLE("LLMOps") OR TITLE("Large Language Model Operations") OR TITLE("GenAIops") OR TITLE-ABS-KEY("generative AI operations")) AND (TITLE-ABS-KEY(maturity) OR TITLE-ABS-KEY(readiness) OR TITLE-ABS-KEY(capability) OR TITLE-ABS-KEY(framework)) AND (LIMIT-TO(LANGUAGE, "English"))

#### 1.4 Springer / SSRN — 10 results

("LLMOps" OR "Large Language Model Operations" OR "GenAIops" OR "generative AI operations") AND (maturity OR readiness OR capability OR framework OR production) AND (discipline:"Computer Science" OR discipline:"Engineering")

#### 1.5 Information (MDPI) — 8 results

(title:"LLMOps" OR title:"Large Language Model" OR abstract:"LLM operations" OR abstract:"generative AI operations") AND (abstract:maturity OR abstract:readiness OR abstract:capability OR abstract:framework)

### 1.6 AIS eLibrary — 3 results

Manual search: titles and abstracts containing LLMOps, GenAI maturity, or generative AI maturity model within the AIS eLibrary catalog.

## 2 Grey Literature

### 2.1 arXiv — 86 results

ti:"LLMOps" OR ti:"GenAIOps" OR ti:"Large Language Model Operations" OR abs:"LLM operations" AND (abs:maturity OR abs:readiness OR abs:capability OR abs:framework OR abs:production) AND (cat:cs.AI OR cat:cs.LG OR cat:cs.SE OR cat:cs.CL)

### 2.2 Vendor / Industry blogs and documentation — 22 results

site:azure.microsoft.com OR site:ibm.com OR site:aws.amazon.com OR site:datastax.com OR site:zenml.io "LLMOps maturity" OR "GenAI maturity model" OR "LLM operations framework" OR "generative AI readiness"

Vendor/industry searches were complemented with direct navigation of documentation portals (AWS Prescriptive Guidance, IBM Architecture Center, Microsoft Azure Blog, AIM Research).

**Table 1.** Results Summary

Source	Result
IEEE Xplore	68
ACM Digital Library	23
Scopus	31
Springer/SSRN	10
Information (MDPI)	8
AIS eLibrary	3
arXiv	86
Vendor / Industry	22
<b>Total</b>	<b>251</b>