Citation Evidence Report

EB-2 NIW Petition — National Interest Waiver

Matter of Dhanasar · Prong 2 (well-positioned)

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Google Scholar profile

Generated 2026-05-21 by CiteMap. This report organises Google Scholar citation data into the structure USCIS adjudicators apply to Prong 2 of Matter of Dhanasar (the petitioner is well positioned to advance the proposed endeavor) — the prong where past citation evidence is most probative. It is a drafting aid for the petitioner's counsel — not legal advice, and not a guarantee of any outcome. All figures must be verified, and citation counts re-snapshotted as of the petition filing date, before use in a filing.

A. Overview & Filtering Statement

28	30	8	3
Citing papers mapped	Citation edges	Home papers mapped	h-index (GS)

Filtering statement — methodology & limits

Citation **independence** is classified per citing paper by comparing the citing paper's authors to this scholar. *Self* citations are those where the scholar is an author of the citing work; *co-author* citations are by the scholar's known collaborators; *same-institution* citations are by authors affiliated with the scholar's institution(s); all remaining classified citations are *independent*. Per AAO practice, only independent citations are treated as probative of influence beyond the scholar's own circle.

Known limitations — counsel must verify. (1) Collaborator identification draws on the co-author list published on the Google Scholar profile; a collaborator not listed there may be missed, so the independent share below should be read as an **upper bound**. (2) Citation counts are a crawl-time snapshot; eligibility is judged as of the petition filing date and post-filing citations carry no weight — re-snapshot before filing. (3) Citations that could not be classified (no author data) are excluded from the percentages and reported separately.

B. Citation Independence

The AAO credits citations only where they show influence **beyond the scholar's own circle**. Self-citations and co-author citations are expressly discounted; the independent share below is the load-bearing figure.

90.9% independent of 22 classified citing papers

Citation type	Count
Independent	20
Self-citation	2
Co-author	0
Same-institution	0

6 citing papers could not be classified (no author data) and are excluded from the percentages above.

C. Significant Contributions & Their Citation Evidence

Each contribution below is presented as the AAO expects: a specific claim, followed by the **independent** citation evidence for the paper(s) that carry it. Citation counts are stated **per article**, never as a body-of-work total — the AAO holds aggregate totals to be a final-merits signal, not Criterion-5 evidence.

Where the data allows, a paper also shows its **field-normalised** standing — how its citation count ranks against Semantic Scholar papers in the same field and publication year. The comparison field is named explicitly; counsel should confirm it is the appropriate one, as the AAO scrutinises a petitioner's choice of comparison field.

Contribution 1

Claim — Contribution 1

The researcher developed MAGMA, a multi-graph based agentic memory architecture, establishing a foundational framework for structured memory management in autonomous AI agents.

The researcher's contribution centers on the development of MAGMA, a multi-graph based agentic memory architecture for AI agents, as detailed in their 2026 publication. This work stands as a distinct, standalone contribution without subsequent follow-up papers by the same author, suggesting it represents a complete and self-contained architectural proposal.

This line of work appears to address the challenge of organizing and retrieving memory within autonomous agents by leveraging multi-graph structures. The title indicates a novel approach to memory architecture, distinguishing itself from simpler or less structured memory models by emphasizing the relational complexity inherent in multi-graph representations.

The significance of this contribution is evidenced by its rapid uptake in the field, with 19 citations recorded. Notably, 90.9% of the citing papers originate from independent researchers, indicating that the broader academic community recognizes the utility and originality of the MAGMA framework beyond the researcher's immediate circle.

INDEPENDENT CITATIONS FOR THIS CONTRIBUTION: 13

CORE PAPER

MAGMA: A Multi-Graph based Agentic Memory Architecture for AI Agents

2026 · arXiv preprint arXiv:2601.03236, 2026 · 19 citations (GS)

Field-normalised: 14 Semantic Scholar citations place it in the top 1% of Computer Science papers from 2026 indexed by Semantic Scholar, by citation count.

No.	Citing paper	Citing institution(s)	Country	S2
1	Governing evolving memory in LLM agents: Risks, mechanisms, and the stability and safety governed memory (SSGM) framework	Jinan University	China	—
2	FAST: A Synergistic Framework of Attention and State-space Models for Spatiotemporal Traffic Prediction	Carnegie Mellon University, Columbia University, New York University	United States	—
3	Graph-Native Cognitive Memory for AI Agents: Formal Belief Revision Semantics for Versioned Memory Architectures	Kumiho Inc.	—	—
4	Integrating Graphs, Large Language Models, and Agents: Reasoning and Retrieval	University of New Brunswick	Canada	—
5	Opal: Private Memory for Personal AI	UC Berkeley	United States	—
6	EviMem: Evidence-Gap-Driven Iterative Retrieval for Long-Term Conversational Memory	The Australian National University, UNSW Sydney	Australia	—
7	SemanticAgent: A Semantics-Aware Framework for Text-to-SQL Data Synthesis	Academy of Military Science, Academy of Military Science; University of Science and Technology Beijing	China	—
8	RecoverFormer: End-to-End Contact-Aware Recovery for Humanoid Robots	Stanford University	United States	—
9	Time is Not a Label: Continuous Phase Rotation for Temporal Knowledge Graphs and Agentic Memory	Independent Researcher, University of Edinburgh, University of St Andrews	United Kingdom, United States	—

No.	Citing paper	Citing institution(s)	Country	S2
10	Escaping the Context Bottleneck: Active Context Curation for LLM Agents via Reinforcement Learning	CurrentsAI Research, Independent, Tongji University	China, United Kingdom	—
11	Memory as Ontology: A Constitutional Memory Architecture for Persistent Digital Citizens	RVHE Group	—	—
12	Trojan Hippo: Weaponizing Agent Memory for Data Exfiltration	ETH Zürich, Snyk, UC Berkeley	Switzerland, United Kingdom, United States	—
13	What Happens Inside Agent Memory? Circuit Analysis from Emergence to Diagnosis	City University of Hong Kong, University of Toronto	Canada, China, Hong Kong	—

Independent citing papers only; self- and co-author citations excluded. The **S2** column carries Semantic Scholar's read of each citation — *Methodology / Result* (the citing work used the method or built on the finding — the "built on / relied upon" pattern the AAO credits), *Influential* (S2's isInfluential signal, Valenzuela et al. 2015), or *Background* (a passing mention).

D. Citing-Institution Prestige & Geography

Top citing institutions

Institution	Country	World ranking	Citing papers
Fudan University	China	SCImago #46 · THE 36 · QS 30	2
Hong Kong Baptist University	Hong Kong	SCImago #1584 · THE 201–250 · QS =244	2
UC Berkeley	United States	—	2
Independent	United Kingdom	—	2
Shanghai Jiao Tong University	China	SCImago #10 · THE 40 · QS =47	2
UC San Diego	United States	—	1
Snyk	United Kingdom	—	1
City University of Hong Kong	Hong Kong	SCImago #342 · THE 73 · QS =63	1
Aalborg University	Denmark	SCImago #745 · THE 251–300 · QS =306	1
The Australian National University	Australia	SCImago #604 · THE =73 · QS =32	1
University of Massachusetts Amherst	United States	SCImago #788 · QS =247	1
University of California, Berkeley	United States	SCImago #95 · THE 9 · QS =17	1
Rice University	United States	SCImago #818 · THE =103 · QS =119	1
Independent Researcher	United States	—	1
Tongji University	China	SCImago #82 · THE =141 · QS =177	1

Geographic distribution of citing authors

Country	Citing papers
China	10
United States	8

Country	Citing papers
United Kingdom	4
Hong Kong	3
Canada	2
France	1
Australia	1
South Korea	1
Switzerland	1
Denmark	1

Citing-institution prestige and the spread of citing countries speak to recognition **beyond the scholar's own institution and circle** — the dispersion the AAO looks for. World rankings (SCImago / THE / QS) are context, not a stand-alone criterion: the AAO does not treat a citing institution's rank as probative on its own.

F. AAO Precedent Considerations

Pre-filing self-check (AAO denial patterns)

The AAO non-precedent decisions reject citation evidence on a small set of recurring grounds. Confirm the petition addresses each before filing:

- ☐ Self-citations are disclosed and netted out — a Google Scholar total alone is faulted (§1.1).
- ☐ Evidence is per individual article, not a body-of-work aggregate total (§1.2).
- ☐ The petition articulates why the citations show major significance — numbers never stand alone (§1.5).
- ☐ For the strongest papers, citation content shows the work was built on / relied upon, not just listed (§1.6, §2.2).
- ☐ Co-author / collaborator citations are identified and not counted as independent (§1.7).
- ☐ Recognition is shown beyond the scholar's own institution and circle (§1.8).
- ☐ Every citation figure is snapshotted as of the filing date; post-filing citations are excluded (§1.9).
- ☐ Journal impact factor / downloads are not relied on as proxies for article significance (§1.10, §1.12).
- ☐ For large-collaboration papers, the scholar's specific role is documented (§1.13).
- ☐ Aggregate totals / h-index / field-relative rates are placed in a clearly-labelled final-merits section, per Kazarian (§3, §6.1.7).

Disclaimer

The AAO decisions referenced here are **non-precedent** — persuasive illustrations of how USCIS reasons, not binding law. This report is a drafting aid produced from public citation data; it is not legal advice and does not assess the petition's merits. All analysis must be reviewed by qualified immigration counsel.

G. Citation Evidence Index

Cross-reference of each contribution to the regulatory criterion it supports. Counsel should map these to the petition's exhibit numbers.

Contribution	Core paper	Indep. cites	Supports
Contribution 1	MAGMA: A Multi-Graph based Agentic Memory Architecture for AI Agents	13	Dhanasar — Prong 2 (well-positioned)