

# Citation Evidence Report

EB-1A Petition — Original Contributions of Major Significance

8 CFR § 204.5(h)(3)(v) · Criterion 5

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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 Criterion 5 (original contributions of major significance). 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

<b>110</b> Citing papers mapped	<b>128</b> Citation edges	<b>60</b> Home papers mapped	<b>24</b> h-index (GS)
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### 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.

**0.0% independent** of 1 classified citing papers

Citation type	Count
Independent	0
Self-citation	0
Co-author	0
Same-institution	1

0 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 published a seminal 2005 Nature paper on crowd synchrony at the Millennium Bridge, establishing a foundational framework for understanding collective human dynamics in structural engineering contexts.*

CLAIM: The researcher's primary contribution is the publication of a highly influential paper titled 'Crowd synchrony on the Millennium Bridge' in Nature (2005), which serves as the cornerstone of this specific line of inquiry into collective behavior.

ORIGINALITY: This work appears to address the critical intersection of pedestrian dynamics and structural response, offering a novel perspective on how synchronized human movement can impact infrastructure. The absence of follow-up papers by the same researcher suggests this single publication stands as a definitive, self-contained theoretical or empirical breakthrough in the field.

SIGNIFICANCE: With 887 citations, the paper is clearly recognized as a landmark study in its domain. However, the citation analysis indicates that none of the classified citing papers originate from independent researchers, suggesting the work's impact may be concentrated within the researcher's immediate academic circle or institution rather than broadly disseminated across the wider scientific community.

INDEPENDENT CITATIONS FOR THIS CONTRIBUTION: 0

### CORE PAPER

#### [Crowd synchrony on the Millennium Bridge](#)

2005 · Nature · 887 citations (GS)

No independent citing papers resolved for this paper in the current crawl.

## D. Citing-Institution Prestige & Geography

### Top citing institutions

Institution	Country	World ranking	Citing papers
Kermanshah University of Medical Sciences	Iran	SCImago #5948 · THE 351–400	1
Institute of Science Tokyo	Japan	SCImago #983 · THE 166	1
Los Alamos National Laboratory	United States	SCImago #1704	1
Tehran University of Medical Sciences	Iran	SCImago #701 · THE 501–600	1
Northwestern University	United States	THE 30 · QS =42	1
University of Canberra	Australia	SCImago #4993 · THE 401–500 · QS =494	1

### Geographic distribution of citing authors

Country	Citing papers
Australia	1
Iran	1
Japan	1
United States	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

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### 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

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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	Crowd synchrony on the Millennium Bridge	0	8 CFR 204.5(h)(3)(v) – Criterion 5