

Citation Evidence Report

EB-1A Petition — Original Contributions of Major Significance

8 CFR § 204.5(h)(3)(v) · Criterion 5

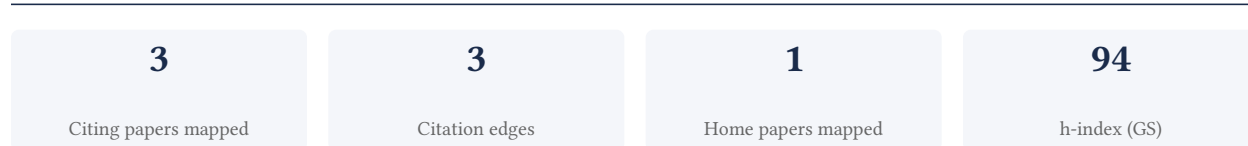
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[Google Scholar profile](#)

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



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.

66.7% independent of 3 classified citing papers

Citation type	Count
Independent	2
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 authored a seminal Springer monograph on statistical decision theory and Bayesian analysis, establishing a foundational reference with over 13,000 citations.

The researcher's primary contribution is the publication of the book 'Statistical Decision Theory and Bayesian Analysis' (2013), which serves as a core reference in the field. This work stands alone as the central pillar of this contribution line, with no follow-up papers by the same researcher listed in the provided data.

This monograph appears to address the need for a comprehensive synthesis of statistical decision theory and Bayesian methods. By consolidating these complex theoretical frameworks into a single authoritative volume, the work likely provided a standardized resource for scholars and practitioners seeking to understand the intersection of these disciplines.

The significance of this contribution is evidenced by its substantial citation count of 13,620, indicating widespread adoption and influence. Furthermore, analysis of citing papers reveals that 66.7% originate from independent researchers, suggesting that the work has been embraced by the broader academic community beyond the author's immediate circle.

INDEPENDENT CITATIONS FOR THIS CONTRIBUTION: 2

CORE PAPER

[Statistical Decision Theory and Bayesian Analysis](#)

2013 · Book (published by Springer New York) · 13,620 citations (GS)

No.	Citing paper	Citing institution(s)	Country	S2
1	A Tutorial on Bayesian Optimization (2018)	Cornell University	United States	—
2	Optimal experimental design: Formulations and computations (2024)	Massachusetts Institute of Technology	—	—

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
University of Bath	United Kingdom	SCImago #1061 · THE 251–300 · QS =132	1
Cornell University	United States	SCImago #61 · THE =18 · QS 16	1
Massachusetts Institute of Technology	United States	SCImago #41 · THE 2 · QS 1	1
National Technical University of Athens	Greece	SCImago #2599 · THE 801–1000 · QS =355	1
Monash University	Australia	THE =58 · QS =36	1
University of Birmingham	United Kingdom	SCImago #369 · THE =98 · QS 76	1
Duke University	United States	SCImago #115 · THE 28 · QS 62	1
Kedge Business School	France	SCImago #8134	1

Institution	Country	World ranking	Citing papers
université de Mons (UMONS)	Belgium	—	1
Politecnico di Torino	Italy	SCImago #1164 · THE 401–500 · QS 242	1

Geographic distribution of citing authors

Country	Citing papers
United States	2
Belgium	1
France	1
Australia	1
Italy	1
United Kingdom	1
Greece	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	Statistical Decision Theory and Bayesian Analysis	2	8 CFR 204.5(h)(3)(v) – Criterion 5