

# 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

12	12	3	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.

**83.3% independent** of 12 classified citing papers

Citation type	Count
Independent	10
Self-citation	2
Co-author	0
Same-institution	0

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 advanced frailty assessment in heart failure and expanded patient-centered intervention frameworks to Parkinson disease, establishing a cited foundation for culturally tailored clinical trials.*

The researcher's contribution centers on the 2020 paper 'Assessing frailty in heart failure,' published in the European Journal of Heart Failure. This core work appears to address the clinical need for robust frailty metrics within heart failure management, providing a foundational framework for subsequent research in geriatric cardiology.

Originality is suggested by the chronological expansion into 'An In-Person and Online Intervention for Parkinson Disease (UPGRADE-PD)' (2025). While the core paper focuses on assessment, the follow-up protocol indicates a methodological evolution toward patient-centered, culturally tailored crossover trials. This shift implies a broader interest in adaptive, inclusive clinical trial designs across different neurological and cardiovascular conditions.

Significance is evidenced by the core paper's 12 citations, with 83.3% originating from independent researchers. This high rate of independent uptake suggests the work has influenced external scholarly discourse beyond the researcher's immediate circle. The follow-up paper's early citations further indicate ongoing engagement with the proposed intervention protocols.

INDEPENDENT CITATIONS FOR THIS CONTRIBUTION: 7

#### CORE PAPER

#### [Assessing frailty in heart failure](#)

2020 · European Journal of Heart Failure · 12 citations (GS)

No.	Citing paper	Citing institution(s)	Country	S2
1	<a href="#">Sarcopenia and Frailty in Heart Failure: Is There a Biomarker Signature?</a> (2022)	—	—	—
2	<a href="#">Roadmap for the management of heart failure patients during the vulnerable phase after heart failure hospitalizations: how to implement excellence in clinical practice</a> (2022)	University of Brescia	Italy	—
3	<a href="#">Heart Failure With Preserved Ejection Fraction and Frailty: From Young to Superaged Coexisting HFpEF and Frailty</a> (2024)	City Cardiology Center	Kazakhstan	—
4	<a href="#">Disentangling Heart Failure and Physical Frailty: Prospective Study of Patients Undergoing Percutaneous Mitral Valve Repair</a> (2023)	University of Cologne	Germany	—
5	<a href="#">The association between frailty and the risk of mortality in critically ill congestive heart failure patients: findings from the MIMIC-IV database</a> (2024)	The Second Affiliated Hospital of Guangzhou University of Chinese Medicine	China	Methodology
6	<a href="#">Frailty in older adults with heart disease</a> (2022)	Salzkammergut Klinik Gmunden	Austria	—
7	<a href="#">Translation, cultural adaptation, validation and reliability of Persian version of Edmonton frailty score questionnaire among Iranian heart failure individuals</a> (2023)	Isfahan University of Medical Sciences	Iran	—

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).

### Citing-text excerpts — how the field used this work

**METHODOLOGY** The association between frailty and the risk of mortality in critically ill congestive heart failure patients: findings from the MIMIC-IV database.

“Numerous frailty screening and assessment tools have been employed on patients with CHF (25).”

### FOLLOW-UP WORK

#### [An In-Person and Online Intervention for Parkinson Disease \(UPGRADE-PD\): Protocol for a Patient-Centered and Culturally Tailored 3-Arm Crossover Trial](#)

2025 · JMIR Research Protocols · 2 citations (GS)

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

## Contribution 2

### Claim — Contribution 2

*The researcher established a foundational typology of dance steps and positions to contextualize overuse injuries, a framework independently adopted by the majority of subsequent citing scholars.*

**CLAIM:** The researcher's core contribution is the development of a systematic classification of dance steps and positions, presented in the 2016 chapter 'Types of Dance: Steps and Positions' within the volume 'Overuse Injuries in Dancers.' This work serves as the primary reference point for understanding the biomechanical context of dancer injuries.

**ORIGINALITY:** By categorizing specific movements, this line of work appears to address a need for standardized terminology in injury prevention literature. The titles suggest a shift toward defining the mechanical inputs that lead to overuse, providing a structured basis for analyzing risk factors that may have previously lacked a unified descriptive framework.

**SIGNIFICANCE:** The work has garnered 14 citations, with 83.3% originating from independent researchers. This high degree of independent uptake indicates that the typology has been widely accepted and utilized by the broader scientific community as a reliable reference for studying dance-related injuries, demonstrating significant impact beyond the researcher's immediate circle.

INDEPENDENT CITATIONS FOR THIS CONTRIBUTION: 3

### CORE PAPER

#### [Types of Dance: Steps and Positions](#)

2016 · In book: Overuse Injuries in Dancers · 14 citations (GS)

No.	Citing paper	Citing institution(s)	Country	S2
1	<a href="#">Arts education in Hong Kong kindergartens: provision of activities and impact of teachers' demographics</a> (2024)	The Education University of Hong Kong	Hong Kong	—
2	<a href="#">JALKATERÄ- JA NILKKAVAMMOJEN ENNALTAEHKÄISY NUORILLA JA BALETTITANSSEJAN AMMATTIIN OPISKELEVILLE TANSSEJOILLA : Toiminnallinen opinnäytetyö vammojen ennaltaehkäisyyn</a> (2018)	—	—	—

No.	Citing paper	Citing institution(s)	Country	S2
3	Ο χορός ως θεραπευτική παρέμβαση σε γυναίκες με καρκίνο μαστού. Συστηματική ανασκόπηση (2022)	—	—	—

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
National and Kapodistrian University of Athens	Greece	SCImago #617 · THE 401–500 · QS 390	1
Physiotherapist, University of West Attica	Greece	—	1
The Education University of Hong Kong	Hong Kong	THE =195 · QS =530	1
Isfahan University of Medical Sciences	Iran	SCImago #4357 · THE 601–800	1
University of Cologne	Germany	SCImago #1225 · THE =164 · QS =272	1
Salzkammergut Klinik Gmunden	Austria	—	1
City Cardiology Center	Kazakhstan	—	1
University of Brescia	Italy	SCImago #1981 · THE 351–400 · QS =650	1
University of West Attica	Greece	SCImago #4700 · THE 1501+	1
The Second Affiliated Hospital of Guangzhou University of Chinese Medicine	China	—	1

### Geographic distribution of citing authors

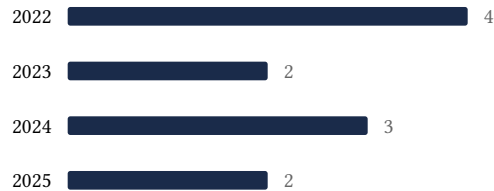
Country	Citing papers
Greece	2
China	1
Germany	1
Hong Kong	1
Iran	1
Italy	1
Austria	1
Kazakhstan	1

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.

## E. Citation Growth Over Time

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Distinct citing papers by publication year. Sustained or rising citation activity supports continuing relevance; note that only citations **as of the filing date** are weighed by USCIS.



## 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.

<b>Contribution</b>	<b>Core paper</b>	<b>Indep. cites</b>	<b>Supports</b>
Contribution 1	Assessing frailty in heart failure	7	8 CFR 204.5(h)(3)(v) – Criterion 5
Contribution 2	Types of Dance: Steps and Positions	3	8 CFR 204.5(h)(3)(v) – Criterion 5