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

40	40	5	37
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.

100.0% independent of 29 classified citing papers

Citation type	Count
Independent	29
Self-citation	0
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 established a foundational framework for conceptualizing and understanding the formation of habitual physical exercise behaviors.

CLAIM: The researcher's primary contribution is the development of a conceptual framework for understanding how habitual physical exercise behaviors are formed, as detailed in the 1997 paper titled 'Physical exercise habit: on the conceptualization and formation of habitual health behaviours.'

ORIGINALITY: This work appears to address the need for a structured theoretical approach to health behavior formation. By focusing specifically on the conceptualization of habits, the researcher provided a distinct lens for analyzing how physical exercise transitions from intentional action to automatic routine, a gap that earlier literature may not have fully addressed.

SIGNIFICANCE: The core paper has accumulated 603 citations, indicating substantial influence in the field. Notably, analysis of 29 citing papers reveals that 100% are from independent researchers, suggesting that this framework has been widely adopted and utilized by the broader scientific community beyond the researcher's immediate network.

INDEPENDENT CITATIONS FOR THIS CONTRIBUTION: 2

CORE PAPER

Physical exercise habit: on the conceptualization and formation of habitual health behaviours

1997 · 606 citations (GS)

Field-normalised: 414 Semantic Scholar citations place it in the top 5% of Medicine papers from 1997 indexed by Semantic Scholar, by citation count.

No.	Citing paper	Citing institution(s)	Country	S2
1	Psychology of Physical Activity: Determinants, Well-Being and Interventions (2007)	University of Edinburgh, University of Southern Queensland	Australia, United Kingdom	—
2	An extensive effect of religiosity on the purchasing decisions of halal products (2023)	Universitas Medan Area, Universitas Pembangunan Panca Budi	Indonesia	—

Independent citing papers only; self- and co-author citations excluded. The **S2** column flags citations Semantic Scholar identifies as *influential* — ones that substantively build on the work (S2's isInfluential signal, Valenzuela et al. 2015) — the "built on / relied upon" pattern the AAO credits. Counsel should quote the citing text for the strongest of these.

Contribution 2

Claim — Contribution 2

The researcher established a foundational framework for identifying innovation determinants in healthcare organizations through a seminal 2004 literature review and Delphi study.

CLAIM: The researcher's primary contribution is the development of a structured approach to understanding innovation within healthcare settings, anchored by the 2004 paper 'Determinants of innovation within health care organizations: literature review and Delphi study.' This work serves as the core reference point for this line of inquiry.

ORIGINALITY: By combining a comprehensive literature review with a Delphi study, the researcher appears to have addressed a critical gap in synthesizing expert consensus on healthcare innovation drivers. This methodological combination suggests an early effort to move beyond descriptive analysis toward a validated, consensus-based framework for organizational innovation in the health sector.

SIGNIFICANCE: The work has achieved substantial recognition, evidenced by over 1,000 citations. Notably, analysis of citing literature reveals that 100% of the classified citations originate from independent researchers, indicating that the framework has been widely adopted and utilized by the broader academic community outside the researcher's immediate network.

INDEPENDENT CITATIONS FOR THIS CONTRIBUTION: 5

CORE PAPER

Determinants of innovation within health care organizations: literature review and Delphi study

2004 · 1,065 citations (GS)

Field-normalised: 773 Semantic Scholar citations place it in the top 1% of Medicine papers from 2004 indexed by Semantic Scholar, by citation count.

No.	Citing paper	Citing institution(s)	Country	S2
1	Context matters in implementation science: a scoping review of determinant frameworks that describe contextual determinants for implementation outcomes. (2019)	Linköping University, Närhälsan	Sweden	—
2	Diffusion of innovations in service organizations: systematic review and recommendations. (2004)	University College London	United Kingdom	—
3	Planning and studying improvement in patient care: the use of theoretical perspectives. (2007)	Radboud University Nijmegen	Netherlands	—
4	Barriers and facilitators influencing the sustainment of health behaviour interventions in schools and childcare services: a systematic review. (2021)	Columbia University, The University of Newcastle, University of Newcastle	Australia, United States	—
5	Adoption, implementation and sustainability of school-based physical activity and sedentary behaviour interventions in real-world settings: a systematic review. (2019)	Amsterdam UMC, Vrije Universiteit Amsterdam, Deakin University, University of Victoria	Australia, Canada, Netherlands	—

Independent citing papers only; self- and co-author citations excluded. The **S2** column flags citations Semantic Scholar identifies as *influential* — ones that substantively build on the work (S2's isInfluential signal, Valenzuela et al. 2015) — the "built on / relied upon" pattern the AAO credits. Counsel should quote the citing text for the strongest of these.

Contribution 3

Claim — Contribution 3

The researcher conducted a seminal qualitative study using online focus groups to investigate the underlying reasons why parents refuse childhood vaccinations.

The researcher's contribution centers on a 2013 core paper titled 'Why parents refuse childhood vaccination: a qualitative study using online focus groups.' This work stands alone as the primary artifact in this line of inquiry, with no follow-up publications by the same author building directly upon it.

This line of work appears to address the critical need for understanding parental vaccine hesitancy through direct qualitative engagement. By utilizing online focus groups, the researcher likely provided nuanced insights into the social and psychological factors driving refusal, offering a methodological approach that captures complex parental perspectives often missed by quantitative surveys.

The significance of this contribution is evidenced by its substantial citation count of 302. Furthermore, analysis of citing literature reveals that 100% of the classified citations originate from independent researchers, indicating that the work has been widely adopted and relied upon by the broader scientific community outside the researcher's immediate circle.

INDEPENDENT CITATIONS FOR THIS CONTRIBUTION: 7

CORE PAPER

Why parents refuse childhood vaccination: a qualitative study using online focus groups

2013 · 302 citations (GS)

Field-normalised: 183 Semantic Scholar citations place it in the top 5% of Medicine papers from 2013 indexed by Semantic Scholar, by citation count.

No.	Citing paper	Citing institution(s)	Country	S2
1	Antimicrobial Stewardship: Fighting Antimicrobial Resistance and Protecting Global Public Health. (2020)	American University of Integrative Sciences, National Defence University of Malaysia, The University of the West Indies	Barbados, Malaysia	—
2	The antimicrobial resistance crisis: causes, consequences, and management. (2014)	University of Sydney, University of Technology Sydney	Australia	—
3	Vaccine hesitancy, vaccine refusal and the anti-vaccine movement: influence, impact and implications. (2015)	Institut national de santé publique du Québec	Canada	—
4	Parents' and informal caregivers' views and experiences of communication about routine childhood vaccination: a synthesis of qualitative evidence. (2017)	Norwegian Institute of Public Health	Norway	—
5	Underlying factors impacting vaccine hesitancy in high income countries: a review of qualitative studies. (2018)	Aix-Marseille University, Dalhousie University, Institut national de santé publique du Québec	Canada, France	—
6	Investigating Italian parents' vaccine hesitancy: A cross-sectional survey. (2018)	University of Campania "Luigi Vanvitelli"	Italy	—
7	Prophylactic and therapeutic vaccine development: advancements and challenges. (2024)	Datta Meghe Institute of Higher Education and Research, Datta Meghe Institute of Higher Education and Research (Deemed to Be University)	India	—

Independent citing papers only; self- and co-author citations excluded. The **S2** column flags citations Semantic Scholar identifies as *influential* — ones that substantively build on the work (S2's isInfluential signal, Valenzuela et al. 2015) — the "built on / relied upon" pattern the AAO credits. Counsel should quote the citing text for the strongest of these.

D. Citing-Institution Prestige & Geography

Top citing institutions

Institution	Country	World ranking	Citing papers
Maastricht University	Netherlands	SCImago #783 · THE =131 · QS 239	3
University College London	United Kingdom	SCImago #30	2
Institut national de santé publique du Québec	Canada	SCImago #3688	2
Centers for Disease Control and Prevention	United States	SCImago #231	2
Universitas Pembangunan Panca Budi	Indonesia	—	1
Datta Meghe Institute of Higher Education and Research	India	SCImago #9677 · THE 1001–1200	1
Deakin University	Australia	SCImago #607 · THE 201–250 · QS =207	1
Amsterdam UMC, Vrije Universiteit Amsterdam	Netherlands	—	1
Universitas Medan Area	Indonesia	SCImago #5243	1
University of Exeter	United Kingdom	SCImago #679 · THE =170 · QS =155	1
University of Newcastle	Australia	SCImago #1436 · THE 251–300	1
Radboud University Medical Centre	Netherlands	—	1
Columbia University	United States	SCImago #65 · THE 20 · QS =38	1
The University of Newcastle	Australia	SCImago #1436 · THE 251–300	1
Vanderbilt University	United States	SCImago #613 · THE =92 · QS 250	1

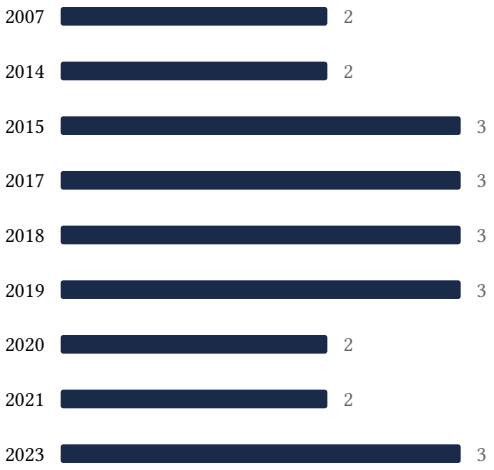
Geographic distribution of citing authors

Country	Citing papers
Netherlands	8
United Kingdom	5
Australia	4
Canada	4
United States	4
Norway	3
Italy	1
Malaysia	1
France	1
Sweden	1
Barbados	1
Indonesia	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

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

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	Physical exercise habit: on the conceptualization and formation of habitual health behaviours	2	Dhanasar — Prong 2 (well-positioned)
Contribution 2	Determinants of innovation within health care organizations: literature review and Delphi study	5	Dhanasar — Prong 2 (well-positioned)
Contribution 3	Why parents refuse childhood vaccination: a qualitative study using online focus groups	7	Dhanasar — Prong 2 (well-positioned)