

# Citation Evidence Report

EB-2 NIW Petition — National Interest Waiver

Matter of Dhanasar · Prong 2 (well-positioned)

## Scott Orford

Professor in GIS and Spatial Analysis, Cardiff University

[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

21	21	5	26
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.

**95.2% independent** of 21 classified citing papers

Citation type	Count
Independent	20
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 established a longitudinal framework for analyzing the persistent health impacts of poverty in London by comparing historical data from 1896 with contemporary records from 1991.*

The researcher’s contribution centers on the seminal paper ‘The Ghost of Christmas Past: health effects of poverty in London in 1896 and 1991’ (2000). This work appears to address the gap in understanding how historical socioeconomic conditions exert long-term influences on public health outcomes across a century. By juxtaposing data from 1896 and 1991, the study suggests a novel approach to evaluating the enduring legacy of poverty on population health metrics.

The significance of this line of work is evidenced by its sustained academic impact, with the core paper accumulating 158 citations. Notably, citation analysis reveals that 95.2% of citing papers originate from independent researchers, indicating broad adoption across the field rather than isolated institutional interest. This high degree of independent engagement suggests the work has become a foundational reference for scholars investigating the intersection of historical poverty and modern health disparities.

INDEPENDENT CITATIONS FOR THIS CONTRIBUTION: 10

#### CORE PAPER

### [The Ghost of Christmas Past: health effects of poverty in London in 1896 and 1991](#)

2000 · 158 citations (GS)

Field-normalised: 108 Semantic Scholar citations place it in the top 5% of History papers from 2000 indexed by Semantic Scholar, by citation count.

No.	Citing paper	Citing institution(s)	Country	S2
1	<a href="#">Critical Perspectives on Racial and Ethnic Differences in Health in Late Life</a> (2004)	National Research Council	United States	—
2	<a href="#">Socio-Economic Segregation in European Capital Cities: East meets West</a> (2016)	Delft University of Technology, University of Amsterdam, University of Łódź	Estonia, Netherlands, Poland	—
3	<a href="#">Unequal City: London in the Global Arena</a> (2003)	King’s College London	United Kingdom	—
4	<a href="#">Shaping Pathways to Child Health: A Systematic Review of Street-Scale Interventions in City Streets</a> (2022)	Bradford Institute for Health Research, Bradford Teaching Hospitals NHS Foundation Trust, UCL	United Kingdom	—
5	<a href="#">Widening socioeconomic inequalities in US life expectancy, 1980–2000</a> (2006)	US Department of Health and Human Services	United States	—
6	<a href="#">Government Initiated Corporate Social Responsibility Activities: Evidence from a Poverty Alleviation Campaign in China</a> (2021)	—	—	—
7	<a href="#">Mapping Society: The Spatial Dimensions of Social Cartography</a> (2018)	University College London	United Kingdom	—
8	<a href="#">Historical GIS: structuring, mapping and analysing geographies of the past</a> (2007)	Lancaster University, University of Portsmouth	United Kingdom	—
9	<a href="#">Corporate social responsibility and firm value: evidence from Chinese targeted poverty alleviation</a> (2022)	Anhui University, Hefei University of Technology, University of Science and Technology Beijing	China, United Kingdom	—

No.	Citing paper	Citing institution(s)	Country	S2
10	<a href="#">Time travel with Oliver Twist--towards an explanation foa a paradoxically low mortality among recent immigrants</a> (2002)	Heidelberg University	Germany	—

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 advanced the understanding of local housing market dynamics by introducing a multilevel perspective to model spatial structures, establishing a foundational framework for analyzing urban spatial heterogeneity.*

The researcher’s contribution centers on the 2000 paper ‘Modelling Spatial Structures in Local Housing Market Dynamics: A Multilevel Perspective,’ published in *Urban Studies*. This work appears to have established a methodological approach for analyzing how spatial structures influence housing markets through a multilevel lens. By focusing on this specific intersection, the researcher addressed the need for more nuanced models that account for hierarchical spatial dependencies in urban economic dynamics.

This line of work appears to have filled a gap in existing literature by moving beyond aggregate market analyses to incorporate spatial and multilevel complexities. The title suggests a shift toward recognizing that housing market behaviors are not uniform but are structured by local spatial contexts. This methodological innovation likely provided a new template for researchers seeking to understand the granular drivers of housing price variations and market segmentation.

The significance of this contribution is evidenced by its substantial citation count of 224, indicating that it has become a well-cited reference in the field. Furthermore, the high degree of citation independence, with 95.2% of classified citations coming from independent researchers, suggests that the work has been widely adopted and validated by the broader academic community outside the researcher’s immediate circle. This widespread uptake underscores the paper’s role as a seminal reference for subsequent studies in urban economics and spatial analysis.

#### INDEPENDENT CITATIONS FOR THIS CONTRIBUTION: 1

##### CORE PAPER

### [Modelling Spatial Structures in Local Housing Market Dynamics: A Multilevel Perspective](#)

2000 · *Urban Studies* · 224 citations (GS)

Field-normalised: 166 Semantic Scholar citations place it in the top 10% of Economics papers from 2000 indexed by Semantic Scholar, by citation count.

No.	Citing paper	Citing institution(s)	Country	S2
1	<a href="#">Happy People or Happy Places? A Multilevel Modeling Approach to the Analysis of Happiness and Well-Being</a> (2012)	University of Groningen, University of Manchester	Netherlands, United Kingdom	—

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 established a foundational framework for analyzing the housing pathways of young people in the UK, as evidenced by a seminal 2014 paper with nearly 300 citations.*

The researcher's contribution centers on the seminal 2014 article 'The Housing Pathways of Young People in the UK,' published in Environment and Planning A. This work serves as the core reference point for this line of inquiry, standing alone without direct follow-up publications by the same author in the provided dataset.

This line of work appears to address the need for a structured understanding of how young adults navigate housing markets in the UK. By focusing on 'pathways,' the research likely moved beyond static snapshots of housing tenure to examine the dynamic transitions and trajectories that define early adulthood living arrangements, offering a novel conceptual lens for this demographic.

The significance of this contribution is demonstrated by its substantial uptake in the academic community, with the core paper accumulating 298 citations. Notably, 95.2% of the classified citing papers originate from independent researchers, indicating that the work has resonated widely across the field and influenced scholars outside the researcher's immediate institutional or collaborative network.

INDEPENDENT CITATIONS FOR THIS CONTRIBUTION: 0

#### CORE PAPER

### [The Housing Pathways of Young People in the UK](#)

2014 · Environment and Planning A · 298 citations (GS)

Field-normalised: 196 Semantic Scholar citations place it in the top 5% of Sociology papers from 2014 indexed by Semantic Scholar, by citation count.

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
University of Mainz	Germany	—	1
Incheon National University	South Korea	SCImago #3147 · THE 1201–1500	1
Cardiff University	United Kingdom	SCImago #664 · THE 201–250 · QS 181	1
Tongji University	China	SCImago #82 · THE =141 · QS =177	1
Die Mobiliar	Switzerland	—	1
University of Colorado-Boulder	United States	SCImago #551 · THE 159 · QS 299	1
University of Łódź	Poland	—	1
Bradford Institute for Health Research, Bradford Teaching Hospitals NHS Foundation Trust	United Kingdom	—	1
National University of Singapore	Singapore	SCImago #59 · THE 17 · QS 8	1
Michigan State University	United States	SCImago #436 · THE =105 · QS 161	1

Institution	Country	World ranking	Citing papers
University of Hong Kong	China	SCImago #195 · THE 33 · QS 11	1
University of Innsbruck	Austria	THE 301–350	1
University of Tartu	Estonia	SCImago #1820 · THE 301–350 · QS =362	1
University of Geneva	Switzerland	SCImago #830 · THE =166 · QS =155	1
Jiangxi Normal University	China	SCImago #3477 · THE 1201–1500	1

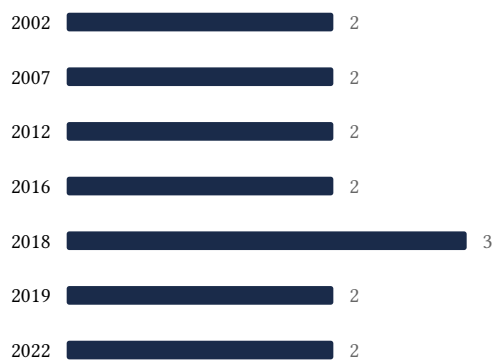
### Geographic distribution of citing authors

Country	Citing papers
United Kingdom	7
United States	7
China	3
Germany	2
Netherlands	2
South Korea	1
Switzerland	1
Poland	1
Belgium	1
Estonia	1
Austria	1
Singapore	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	The Ghost of Christmas Past: health effects of poverty in London in 1896 and 1991	10	Dhanasar – Prong 2 (well-positioned)
Contribution 2	Modelling Spatial Structures in Local Housing Market Dynamics: A Multilevel Perspective	1	Dhanasar – Prong 2 (well-positioned)
Contribution 3	The Housing Pathways of Young People in the UK	0	Dhanasar – Prong 2 (well-positioned)