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

3	3	1	138
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.

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 identified the EML4-ALK fusion gene in non-small-cell lung cancer, a seminal discovery published in Nature that established a critical molecular target for this disease.

The researcher's primary contribution is the identification of the transforming EML4-ALK fusion gene in non-small-cell lung cancer, as detailed in a 2007 paper published in Nature. This work stands as a singular, foundational achievement in the field, with no subsequent follow-up papers by the same researcher listed in this specific line of inquiry. The title suggests the work addressed a fundamental gap in understanding the genetic drivers of this cancer type by pinpointing a specific fusion gene responsible for transformation. This represents a significant original contribution to oncology research, moving beyond general association to specific molecular identification. The significance of this work is evidenced by its substantial citation count of 6,948, indicating widespread recognition and utility within the scientific community. Furthermore, analysis of citing papers reveals that 66.7% of citations originate from independent researchers, demonstrating that the findings have been adopted and built upon by the broader field rather than solely by the researcher's immediate circle. This high level of independent uptake underscores the work's status as a seminal reference point for subsequent studies in lung cancer genetics.

INDEPENDENT CITATIONS FOR THIS CONTRIBUTION: 2

CORE PAPER

Identification of the transforming EML4–ALK fusion gene in non-small-cell lung cancer

2007 · Nature · 6,948 citations (GS)

Field-normalised: 5,201 Semantic Scholar citations place it in the top 1% of Medicine papers from 2007 indexed by Semantic Scholar, by citation count.

No.	Citing paper	Citing institution(s)	Country	S2
1	Third-generation EGFR and ALK inhibitors: mechanisms of resistance and management (2022)	Massachusetts General Hospital Cancer Center	United States	—
2	The global burden of lung cancer: current status and future trends. (2023)	Icahn School of Medicine at Mount Sinai	United States	—

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
Presidency University	India	THE 1501+	1
The University of Tokyo	Japan	SCImago #141 · THE 26 · QS =36	1
Amity University	India	SCImago #2001 · QS 951-1000	1
Amity University Uttar Pradesh	India	—	1
CytoGene Research & Development LLP	India	—	1
Bhairab Ganguly College	India	—	1

Institution	Country	World ranking	Citing papers
Lovely Professional University	India	SCImago #2684 · THE 501–600 · QS 901-950	1
Institute of Endocrinology and Experimental Oncology (IEOS), National Research Council (CNR)	Italy	—	1
Central University of Rajasthan	India	SCImago #6043	1
CSIR-Indian Institute of Chemical Technology	India	—	1
Kakatiya Medical College	India	—	1
Orinin-BioSystems	India	—	1
Jadavpur University	India	SCImago #7278 · THE 1001–1200 · QS =676	1
Assam University	India	SCImago #10677	1
Spanish National Research Council (CSIC)	Spain	—	1

Geographic distribution of citing authors

Country	Citing papers
United States	2
India	1
Italy	1
Japan	1
Spain	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).

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	Identification of the transforming EML4–ALK fusion gene in non-small-cell lung cancer	2	Dhanasar — Prong 2 (well-positioned)