

Sophia Researcher

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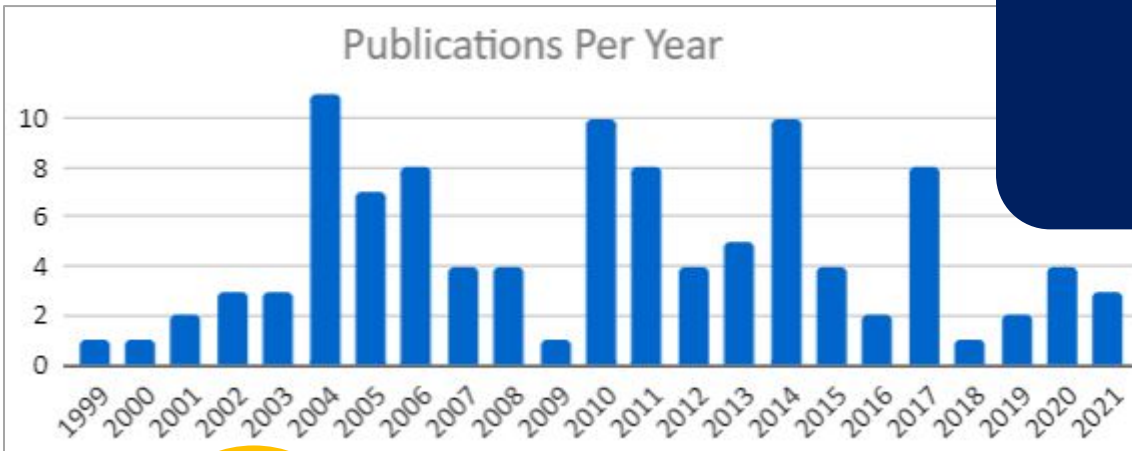
Research Impact Report

ORCID: 0000-0000-0000-0000

ResearcherID: AAA-0000-2021

104 Publications

54 Articles
43 Conference Papers
3 Conference Posters
3 Editorial Materials
2 Book Chapters



3.25
CNCI

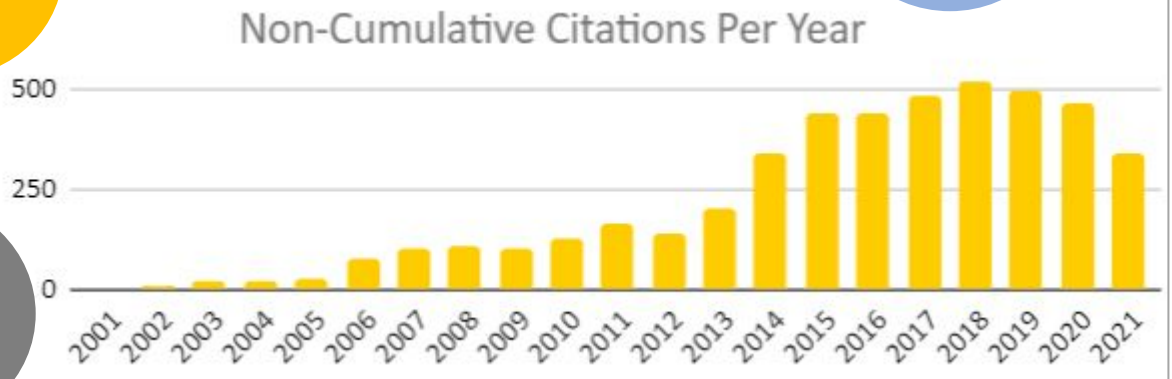
33
h-index

4,603
times
cited

48%
articles in
top 10% in
field

81
average
citations
per article

2
highly
cited



Top Cited Papers

Number of
Citations

Peters, W., Jacobson, A. R., Sweeney, C., Andrews, et al. (2007) An atmospheric perspective on North American carbon dioxide exchange: CarbonTracker, Proceedings of the National Academy of Sciences of the United States of America, 104, 18925-18930, 10.1073/pnas.0708986104.

626

Brandt, A. R., Heath, G. A., Kort, E. A., O'Sullivan, F., Petron, G., et al. (2014) Methane Leaks from North American Natural Gas Systems, Science, 343, 733-735, 10.1126/science.1247045.

489

Karion, A., Sweeney, C., Petron, G., et al. (2013) Methane emissions estimate from airborne measurements over a western United States natural gas field, Geophysical Research Letters, 40, 4393-4397, 10.1002/grl.50811.

306

Data Sources & Methodology

Searches were conducted in Web of Science. All publication data (such as citation counts, publications per year, etc.) are based on the Web of Science results. Due to lag times in database updates, 2021 data may be incomplete. Additional information on search terms and strategy is available on request. For more information, contact the Boulder Labs Library at boulderlabs.ref@noaa.gov.

Definitions

Publication Counts

Counts are based on information available in Web of Science or provided by the researcher including peer-reviewed journal articles, white papers, conference papers, and other publications.

CNCI

Category Normalized Citation Impact is calculated by dividing an actual citation count by the expected (average) citation rate for articles of the same year and subject area. A CNCI value of one represents performance at par with average.

H-Index

A researcher's h-index is equal to the number of articles that author has published (n) that have received at least n citations.

Note: h-index favors older researchers, who have had more time to accumulate citations; h-index never goes down; and h-index is constrained by the number of publications. A researcher with five publications can never have an h-index of more than 5, whether those papers have each been cited 5 times or 100 times.

Times Cited

Total number of times the set of publications has been cited.

Highly Cited

"Highly cited" papers are those in the top 1% by citation rate compared to others in the same field and time period.

Average Number of Citations

Average or mean number of citations per paper.

Percentage of Articles in Top 10%

Percentage of publications in the top 10% based on citations by category, year, and document type.

Source

Data and explanations are from Web of Science and InCites. Data acquired 15 September 2021.