

# Steven P Hamburg

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4438426/publications.pdf>

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14  
papers

2,062  
citations

687363

13  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1962  
citing authors

#	ARTICLE	IF	CITATIONS
1	Greater focus needed on methane leakage from natural gas infrastructure. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6435-6440.	7.1	576
2	Assessment of methane emissions from the U.S. oil and gas supply chain. Science, 2018, 361, 186-188.	12.6	519
3	Reconciling divergent estimates of oil and gas methane emissions. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15597-15602.	7.1	209
4	Quantifying methane emissions from the largest oil-producing basin in the United States from space. Science Advances, 2020, 6, eaaz5120.	10.3	155
5	Super-emitters in natural gas infrastructure are caused by abnormal process conditions. Nature Communications, 2017, 8, 14012.	12.8	118
6	Satellite observations reveal extreme methane leakage from a natural gas well blowout. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26376-26381.	7.1	107
7	Aerial Surveys of Elevated Hydrocarbon Emissions from Oil and Gas Production Sites. Environmental Science & Technology, 2016, 50, 4877-4886.	10.0	105
8	A National Estimate of Methane Leakage from Pipeline Mains in Natural Gas Local Distribution Systems. Environmental Science & Technology, 2020, 54, 8958-8967.	10.0	72
9	Concurrent variation in oil and gas methane emissions and oil price during the COVID-19 pandemic. Atmospheric Chemistry and Physics, 2021, 21, 6605-6626.	4.9	55
10	Unravelling a large methane emission discrepancy in Mexico using satellite observations. Remote Sensing of Environment, 2021, 260, 112461.	11.0	49
11	Climate Impacts of Hydropower: Enormous Differences among Facilities and over Time. Environmental Science & Technology, 2019, 53, 14070-14082.	10.0	39
12	Methane emissions from US low production oil and natural gas well sites. Nature Communications, 2022, 13, 2085.	12.8	28
13	Estimation of methane emissions from the U.S. ammonia fertilizer industry using a mobile sensing approach. Elementa, 2019, 7, .	3.2	19
14	Possible malfunction in widely used methane sampler deserves attention but poses limited implications for supply chain emission estimates. Elementa, 2016, 4, .	3.2	11