

# Andreas W Schäfer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2538934/publications.pdf>

Version: 2024-02-01

21  
papers

1,663  
citations

759233

12  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1705  
citing authors

#	ARTICLE	IF	CITATIONS
1	Initial Long-Term Scenarios for COVID-19's Impact on Aviation and Implications for Climate Policy. Transportation Research Record, 2023, 2677, 204-218.	1.9	9
2	A holistic analysis of passenger travel energy and greenhouse gas intensities. Nature Sustainability, 2020, 3, 459-462.	23.7	33
3	AIM2015: Validation and initial results from an open-source aviation systems model. Transport Policy, 2019, 79, 93-102.	6.6	15
4	Assessing the Impact of High-Speed Rail on Domestic Aviation CO <sub>2</sub> Emissions in China. Transportation Research Record, 2019, 2673, 176-188.	1.9	27
5	Simulating Airline Behavior: Application for the Australian Domestic Market. Transportation Research Record, 2019, 2673, 104-112.	1.9	4
6	Technological, economic and environmental prospects of all-electric aircraft. Nature Energy, 2019, 4, 160-166.	39.5	257
7	Car Travel Demand: Spillovers and Asymmetric Price Effects in a Spatial Setting. Transportation Science, 2018, 52, 621-636.	4.4	5
8	Modeling Airline Cost Pass-Through within Regional Aviation Markets. Transportation Research Record, 2018, 2672, 146-157.	1.9	0
9	The Global Potential for CO <sub>2</sub> Emissions Reduction from Jet Engine Passenger Aircraft. Transportation Research Record, 2018, 2672, 40-51.	1.9	13
10	A Critical Review of New Mobility Services for Urban Transport. Transportation Research Procedia, 2016, 14, 3294-3303.	1.5	312
11	Exploring the use of dynamic linear panel data models for evaluating energy/economy/environment models – an application for the transportation sector. Climatic Change, 2016, 136, 141-154.	3.6	12
12	Costs of mitigating CO <sub>2</sub> emissions from passenger aircraft. Nature Climate Change, 2016, 6, 412-417.	18.8	81
13	Environmental impact assessment of aviation emission reduction through the implementation of composite materials. International Journal of Life Cycle Assessment, 2015, 20, 233-243.	4.7	157
14	Air transportation and the environment. Transport Policy, 2014, 34, 1-4.	6.6	75
15	Airline fleet replacement funded by a carbon tax: An integrated assessment. Transport Policy, 2014, 34, 75-84.	6.6	26
16	The impact of scale on energy intensity in freight transportation. Transportation Research, Part D: Transport and Environment, 2013, 23, 41-49.	6.8	23
17	The impact of airport capacity constraints on future growth in the US air transportation system. Journal of Air Transport Management, 2011, 17, 288-295.	4.5	37
18	Transportation in a Climate-Constrained World. , 2009, , .		99

#	ARTICLE	IF	CITATIONS
19	Modelling Environmental and Economic Impacts of Aviation: Introducing the Aviation Integrated Modelling Project. , 2007, , .		27
20	HISTORICAL AND FUTURE TRENDS IN AIRCRAFT PERFORMANCE, COST, AND EMISSIONS. Annual Review of Environment and Resources, 2001, 26, 167-200.	1.2	191
21	The future mobility of the world population. Transportation Research, Part A: Policy and Practice, 2000, 34, 171-205.	4.2	260