Andreas W SchÃ¤fer

List of Publications by Year
in descending order

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	A Critical Review of New Mobility Services for Urban Transport. Transportation Research Procedia, 2016, 14, 3294-3303.	1.5	312
2	The future mobility of the world population. Transportation Research, Part A: Policy and Practice, 2000, 34, 171-205.	4.2	260
3	Technological, economic and environmental prospects of all-electric aircraft. Nature Energy, 2019, 4, 160-166.	39.5	257
4	HISTORICAL ANDFUTURETRENDS INAIRCRAFTPERFORMANCE, COST,ANDEMISSIONS. Annual Review of Environment and Resources, 2001, 26, 167-200.	1.2	191
5	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
6	Transportation in a Climate-Constrained World. , 2009, , .		99
7	Costs of mitigating CO2 emissions from passengerÂaircraft. Nature Climate Change, 2016, 6, 412-417.	18.8	81
8	Air transportation and the environment. Transport Policy, 2014, 34, 1-4.	6.6	75
9	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
10	A holistic analysis of passenger travel energy and greenhouse gas intensities. Nature Sustainability, 2020, 3, 459-462.	23.7	33
11	Modelling Environmental and Economic Impacts of Aviation: Introducing the Aviation Integrated Modelling Project. , 2007, , .		27
12	Assessing the Impact of High-Speed Rail on Domestic Aviation CO₂ Emissions in China. Transportation Research Record, 2019, 2673, 176-188.	1.9	27
13	Airline fleet replacement funded by a carbon tax: An integrated assessment. Transport Policy, 2014, 34, 75-84.	6.6	26
14	The impact of scale on energy intensity in freight transportation. Transportation Research, Part D: Transport and Environment, 2013, 23, 41-49.	6.8	23
15	AIM2015: Validation and initial results from an open-source aviation systems model. Transport Policy, 2019, 79, 93-102.	6.6	15
16	The Global Potential for CO₂ Emissions Reduction from Jet Engine Passenger Aircraft. Transportation Research Record, 2018, 2672, 40-51.	1.9	13
17	Exploring the use of dynamic linear panel data models for evaluating energy/economy/environment models â€" an application for the transportation sector. Climatic Change, 2016, 136, 141-154.	3.6	12
18	Initial Long-Term Scenarios for COVID-19â€™s Impact on Aviation and Implications for Climate Policy. Transportation Research Record, 2023, 2677, 204-218.	1.9	9

#	Article	IF	Citations
19	Car Travel Demand: Spillovers and Asymmetric Price Effects in a Spatial Setting. Transportation Science, 2018, 52, 621-636.	4.4	5
20	Simulating Airline Behavior: Application for the Australian Domestic Market. Transportation Research Record, 2019, 2673, 104-112.	1.9	4
21	Modeling Airline Cost Pass-Through within Regional Aviation Markets. Transportation Research Record, 2018, 2672, 146-157.	1.9	0