Anders Arvesen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3055320/publications.pdf

Version: 2024-02-01

22	2,152	430754	610775
papers	citations	18 h-index	24 g-index

25	25	25	2293
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Integrated life-cycle assessment of electricity-supply scenarios confirms global environmental benefit of low-carbon technologies. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6277-6282.	3.3	508
2	Understanding future emissions from low-carbon power systems by integration of life-cycle assessment and integrated energy modelling. Nature Energy, 2017, 2, 939-945.	19.8	321
3	Environmental co-benefits and adverse side-effects of alternative power sector decarbonization strategies. Nature Communications, 2019, 10, 5229.	5.8	188
4	Industrial ecology in integrated assessment models. Nature Climate Change, 2017, 7, 13-20.	8.1	171
5	Assessing the life cycle environmental impacts of wind power: A review of present knowledge and research needs. Renewable and Sustainable Energy Reviews, 2012, 16, 5994-6006.	8.2	157
6	A Methodology for Integrated, Multiregional Life Cycle Assessment Scenarios under Large-Scale Technological Change. Environmental Science & Technology, 2015, 49, 11218-11226.	4.6	107
7	Environmental impacts of high penetration renewable energy scenarios for Europe. Environmental Research Letters, 2016, 11, 014012.	2.2	81
8	Life cycle assessment demonstrates environmental co-benefits and trade-offs of low-carbon electricity supply options. Renewable and Sustainable Energy Reviews, 2017, 76, 1283-1290.	8.2	74
9	Deriving life cycle assessment coefficients for application in integrated assessment modelling. Environmental Modelling and Software, 2018, 99, 111-125.	1.9	59
10	Considering only first-order effects? How simplifications lead to unrealistic technology optimism in climate change mitigation. Energy Policy, 2011, 39, 7448-7454.	4.2	58
11	Environmental implications of large-scale adoption of wind power: a scenario-based life cycle assessment. Environmental Research Letters, 2011, 6, 045102.	2.2	57
12	More caution is needed when using life cycle assessment to determine energy return on investment (EROI). Energy Policy, 2015, 76, 1-6.	4.2	57
13	The Importance of Ships and Spare Parts in LCAs of Offshore Wind Power. Environmental Science & Technology, 2013, 47, 2948-2956.	4.6	49
14	Integrated process simulation for bioethanol production: Effects of varying lignocellulosic feedstocks on technical performance. Bioresource Technology, 2021, 328, 124833.	4.8	45
15	Health benefits, ecological threats of low-carbon electricity. Environmental Research Letters, 2017, 12, 034023.	2.2	44
16	Contribution of forest wood products to negative emissions: historical comparative analysis from 1960 to 2015 in Norway, Sweden and Finland. Carbon Balance and Management, 2018, 13, 12.	1.4	37
17	Life cycle assessment of transport of electricity via different voltage levels: A case study for Nord-TrÃ¸ndelag county in Norway. Applied Energy, 2015, 157, 144-151.	5.1	33
18	Controlling biodiversity impacts of future global hydropower reservoirs by strategic site selection. Scientific Reports, 2020, 10, 21777.	1.6	19

#	Article	IF	Citations
19	Cooling aerosols and changes in albedo counteract warming from CO2 and black carbon from forest bioenergy in Norway. Scientific Reports, 2018, 8, 3299.	1.6	18
20	Emissions of electric vehicle charging in future scenarios: The effects of time of charging. Journal of Industrial Ecology, 2021, 25, 1250-1263.	2.8	15
21	Energy Cost of Living and Associated Pollution for Beijing Residents. Journal of Industrial Ecology, 2010, 14, 890-901.	2.8	9
22	Correcting remaining truncations in hybrid life cycle assessment database compilation. Journal of Industrial Ecology, 2022, 26, 121-133.	2.8	5