Stefan GrÃ¶nkvist

List of Publications by Year
in descending order

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23 papers	1,318 citations	566801 15 h-index	642321 23 g-index
24 all docs	24 docs citations	24 times ranked	1387 citing authors

#	Article	IF	Citations
1	Large-scale storage of hydrogen. International Journal of Hydrogen Energy, 2019, 44, 11901-11919.	3.8	703
2	Drivers for and barriers to low-energy buildings in Sweden. Journal of Cleaner Production, 2015, 109, 296-304.	4.6	80
3	Upgraded biogas for transport in Sweden â€“ effects of policy instruments on production, infrastructure deployment and vehicle sales. Journal of Cleaner Production, 2016, 112, 3774-3784.	4.6	59
4	Biogas in the transport sectorâ€”actor and policy analysis focusing on the demand side in the Stockholm region. Resources, Conservation and Recycling, 2018, 129, 70-80.	5.3	58
5	Tensions in the energy transition: Swedish and Finnish company perspectives on bioenergy with carbon capture and storage. Journal of Cleaner Production, 2021, 280, 124527.	4.6	45
6	Emissions accounting for use and supply of electricity in the Nordic market. Energy Policy, 2004, 32, 1555-1564.	4.2	44
7	Energy system analysis of the implications of hydrogen fuel cell vehicles in the Swedish road transport system. International Journal of Hydrogen Energy, 2015, 40, 11722-11729.	3.8	40
8	Incentivising bioenergy with carbon capture and storage (BECCS) responsibly: Comparing stakeholder policy preferences in the United Kingdom and Sweden. Environmental Science and Policy, 2021, 116, 47-55.	2.4	39
9	Integration of water electrolysis for fossil-free steel production. International Journal of Hydrogen Energy, 2020, 45, 29966-29977.	3.8	31
10	Driving forces and obstacles with regard to co-operation between municipal energy companies and process industries in Sweden. Energy Policy, 2006, 34, 1508-1519.	4.2	29
11	Techno-economic assessment of anaerobic digestion in a typical Kraft pulp mill to produce biomethane for the road transport sector. Journal of Cleaner Production, 2015, 104, 460-467.	4.6	23
12	Large-scale biogas generation in Bolivia â€“ A stepwise reconfiguration. Journal of Cleaner Production, 2018, 180, 494-504.	4.6	23
13	Models for assessing net CO2emissions applied on district heating technologies. International Journal of Energy Research, 2003, 27, 601-613.	2.2	22
14	All CO2 is equal in the atmosphereâ€”A comment on CDM GHG accounting standards for methane recovery and oxidation projects. Energy Policy, 2007, 35, 3675-3680.	4.2	16
15	Forest-derived methane in the Swedish transport sector: A closing window?. Energy Policy, 2017, 105, 440-450.	4.2	16
16	Equal Opportunity for Biomass in Greenhouse Gas Accounting of CO2 Capture and Storage: A Step Towards More Cost-Effective Climate Change Mitigation Regimes. Mitigation and Adaptation Strategies for Global Change, 2006, 11, 1083-1096.	1.0	14
17	Synthetic Fuels from Electricity for the Swedish Transport Sector: Comparison of Well to Wheel Energy Efficiencies and Costs. Energy Procedia, 2015, 75, 1875-1880.	1.8	14
18	Stimulating biogas in the transport sector in a Swedish region â€“ An actor and policy analysis with supply side focus. Renewable and Sustainable Energy Reviews, 2019, 113, 109269.	8.2	14

#	Article	IF	Citations
19	A comparison of two hydrogen storages in a fossil-free direct reduced iron process. International Journal of Hydrogen Energy, 2021, 46, 28657-28674.	3.8	13
20	What are the potential paths for carbon capture and storage in Sweden? A multi-level assessment of historical and current developments. Energy Research and Social Science, 2022, 87, 102452.	3.0	13
21	Bio-methane upgrading of pyrolysis gas from charcoal production. Sustainable Energy Technologies and Assessments, 2013, 3, 66-73.	1.7	12
22	Methanol as a carrier of hydrogen and carbon in fossil-free production of direct reduced iron. Energy Conversion and Management: X, 2020, 7, 100051.	0.9	7
23	Improving the economics of fossil-free steelmaking via co-production of methanol. Journal of Cleaner Production, 2022, 350, 131469.	4.6	2