

Hans Hellsmark

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

945
citations

623188

14
h-index

839053

18
g-index

18
all docs

18
docs citations

18
times ranked

825
citing authors

#	ARTICLE	IF	CITATIONS
1	Entrepreneurial transformations in the Swedish University system: the case of Chalmers University of Technology. <i>Research Policy</i> , 2003, 32, 1555-1568.	3.3	292
2	Innovation system strengths and weaknesses in progressing sustainable technology: the case of Swedish biorefinery development. <i>Journal of Cleaner Production</i> , 2016, 131, 702-715.	4.6	102
3	The role of pilot and demonstration plants in technology development and innovation policy. <i>Research Policy</i> , 2016, 45, 1743-1761.	3.3	89
4	Technological development for sustainability: The role of network management in the innovation policy mix. <i>Technological Forecasting and Social Change</i> , 2019, 138, 309-323.	6.2	65
5	The role of pilot and demonstration plants in technological development: synthesis and directions for future research. <i>Technology Analysis and Strategic Management</i> , 2015, 27, 1-18.	2.0	57
6	Opportunities for and limits to Academics as System buildersâ€™The case of realizing the potential of gasified biomass in Austria. <i>Energy Policy</i> , 2009, 37, 5597-5611.	4.2	52
7	Transformative innovation policy: A systematic review. <i>Environmental Innovation and Societal Transitions</i> , 2022, 43, 14-40.	2.5	47
8	Crossing the biorefinery valley of death? Actor roles and networks in overcoming barriers to a sustainability transition. <i>Environmental Innovation and Societal Transitions</i> , 2018, 27, 83-101.	2.5	40
9	Innovation policies for advanced biorefinery development: key considerations and lessons from Sweden. <i>Biofuels, Bioproducts and Biorefining</i> , 2017, 11, 28-40.	1.9	33
10	Innovation in the bioeconomy â€™ dynamics of biorefinery innovation networks. <i>Technology Analysis and Strategic Management</i> , 2018, 30, 935-947.	2.0	33
11	Shaping factors in the emergence of technological innovations: The case of tidal kite technology. <i>Technological Forecasting and Social Change</i> , 2018, 132, 191-208.	6.2	31
12	Realising the potential of gasified biomass in the European Unionâ€™Policy challenges in moving from demonstration plants to a larger scale diffusion. <i>Energy Policy</i> , 2012, 41, 507-518.	4.2	30
13	The outcomes of directionality: Towards a morphology of sociotechnical systems. <i>Environmental Innovation and Societal Transitions</i> , 2021, 40, 108-131.	2.5	21
14	A new dawn for (oil) incumbents within the bioeconomy? Trade-offs and lessons for policy. <i>Energy Policy</i> , 2020, 145, 111763.	4.2	19
15	Photovoltaics in Sweden â€™ Success or failure?. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 143, 110894.	8.2	10
16	A knowledge-based perspective on system weaknesses in technological innovation systems. <i>Science and Public Policy</i> , 2019, 46, 55-70.	1.2	9
17	Managerial and organizational challenges encountered in the development of sustainable technology: Analysis of Swedish biorefinery pilot and demonstration plants. <i>Journal of Cleaner Production</i> , 2020, 276, 124150.	4.6	9
18	Enacting knowledge exchange: a context dependent and â€™role-basedâ€™ typology for capturing utility from university research. <i>Prometheus</i> , 2015, 33, .	0.2	6