

Thomas Magnusson

List of Publications by Year in descending order

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31
papers

1,109
citations

516710

16
h-index

477307

29
g-index

31
all docs

31
docs citations

31
times ranked

902
citing authors

#	ARTICLE	IF	CITATIONS
1	Technological discontinuities and the challenge for incumbent firms: Destruction, disruption or creative accumulation?. <i>Research Policy</i> , 2013, 42, 1210-1224.	6.4	248
2	Transition pathways revisited: Established firms as multi-level actors in the heavy vehicle industry. <i>Research Policy</i> , 2015, 44, 1017-1028.	6.4	157
3	Reducing automotive emissionsâ€”The potentials of combustion engine technologies and the power of policy. <i>Energy Policy</i> , 2012, 41, 636-643.	8.8	100
4	Fostering sustainable technologies: a framework for analysing the governance of innovation systems. <i>Science and Public Policy</i> , 2011, 38, 403-415.	2.4	55
5	Entering an era of ferment â€” radical vs incrementalist strategies in automotive power train development. <i>Technology Analysis and Strategic Management</i> , 2011, 23, 313-330.	3.5	50
6	Shaping sustainable marketsâ€”A conceptual framework illustrated by the case of biogas in Sweden. <i>Environmental Innovation and Societal Transitions</i> , 2020, 36, 303-320.	5.5	45
7	Strategic niche management from a business perspective: taking cleaner vehicle technologies from prototype to series production. <i>Journal of Cleaner Production</i> , 2014, 74, 17-26.	9.3	43
8	Organising for environmental considerations in complex product development projects: implications from introducing a â€œGreenâ€•sub-project. <i>Journal of Cleaner Production</i> , 2006, 14, 1368-1376.	9.3	42
9	Environmental innovation in auto development - managing technological uncertainty within strict time limits. <i>International Journal of Vehicle Design</i> , 2001, 26, 101.	0.3	41
10	From CoPS to mass production? Capabilities and innovation in power generation equipment manufacturing. <i>Industrial and Corporate Change</i> , 2005, 14, 1-26.	2.8	37
11	Interfaces between technology development, product development and production: critical factors and a conceptual model. <i>International Journal of Technology Intelligence and Planning</i> , 2007, 3, 317.	0.3	36
12	How do we govern sustainable innovations? Mapping patterns of governance for biofuels and hybrid-electric vehicle technologies. <i>Environmental Innovation and Societal Transitions</i> , 2012, 3, 50-66.	5.5	36
13	Competing innovation systems and the need for redeployment in sustainability transitions. <i>Technological Forecasting and Social Change</i> , 2018, 126, 217-230.	11.6	35
14	Hybrids, diesel or both? The forgotten technological competition for sustainable solutions in the global automotive industry. <i>International Journal of Automotive Technology and Management</i> , 2009, 9, 148.	0.6	24
15	Niche aggregation through cumulative learning: A study of multiple electric bus projects. <i>Environmental Innovation and Societal Transitions</i> , 2018, 28, 108-121.	5.5	24
16	Socio-technical regimes and heterogeneous capabilities: the Swedish pulp and paper industry's response to energy policies. <i>Technology Analysis and Strategic Management</i> , 2013, 25, 355-368.	3.5	23
17	Assessing Interface Challenges in Product Development Projects. <i>Research Technology Management</i> , 2013, 56, 40-48.	0.8	16
18	A two-way relationship between multi-level technological change and organisational characteristics-cases involving the development of heavy hybrid buses. <i>Technovation</i> , 2012, 32, 477-486.	7.8	15

#	ARTICLE	IF	CITATIONS
19	Conceptualisations of incumbent firms in sustainability transitions: Insights from organisation theory and a systematic literature review. <i>Business Strategy and the Environment</i> , 2023, 32, 903-919.	14.3	15
20	Using dynamic capabilities to shape markets for alternative technologies: A comparative case study of automotive incumbents. <i>Environmental Innovation and Societal Transitions</i> , 2022, 42, 12-26.	5.5	12
21	Industrial ecology and the boundaries of the manufacturing firm. <i>Journal of Industrial Ecology</i> , 2019, 23, 1211-1225.	5.5	10
22	Socio-technical scenarios and local practice – Assessing the future use of fossil-free alternatives in a regional energy and transport system. <i>Transportation Research Interdisciplinary Perspectives</i> , 2020, 5, 100128.	2.7	9
23	Circular economy, varieties of capitalism and technology diffusion: Anaerobic digestion in Sweden and Paraná. <i>Journal of Cleaner Production</i> , 2022, 335, 130300.	9.3	9
24	Commercializing Cleaner New Technologies: The Case of Microturbine Generators. <i>Technology Analysis and Strategic Management</i> , 2003, 15, 349-361.	3.5	8
25	Evolving schemes of interpretation: investigating the dual role of architectures in new product development. <i>R and D Management</i> , 2017, 47, 36-46.	5.3	8
26	From protection to selective exposure: commercial demonstrations as steppingstones for upscaled technology diffusion. <i>International Journal of Automotive Technology and Management</i> , 2021, 21, 250.	0.6	3
27	Greening public transportation: a radical design and powertrain project at an incrementalist innovator. The case of the series-hybrid bus project at Scania Trucks. <i>International Journal of Automotive Technology and Management</i> , 2010, 10, 93.	0.6	2
28	Institutionalisation of environmental innovation: joint development of standards, technologies and actor networks in the European heavy duty vehicles sector. <i>International Journal of Automotive Technology and Management</i> , 2016, 16, 341.	0.6	2
29	“Sailing Ship Effects”™ in the Global Automotive Industry? Competition Between “New”™ and “Old”™ Technologies in the Race for Sustainable Solutions. , 2012, , 103-123.		2
30	Niche experiments with alternative powertrain technologies: the case of electric city-buses in Europe. <i>International Journal of Automotive Technology and Management</i> , 2016, 16, 274.	0.6	2
31	Creative Accumulation and Disruptive Innovation: Contrasting Cases of Discontinuous Industry Change. <i>Proceedings - Academy of Management</i> , 2012, 2012, 10075.	0.1	0