Karsten KieckhÃ¤fer

List of Publications by Year
in descending order

30 papers	652 citations	759233 12 h-index	713466 21 g-index
32 all docs	32 docs citations	32 times ranked	574 citing authors

#	Article	IF	Citations
1	Project portfolio planning under CO₂ fleet emission restrictions in the automotive industry. Journal of Industrial Ecology, 2022, 26, 937-951.	5.5	5
2	Activity analysis based modeling of global supply chains for sustainability assessment. Journal of Business Economics, 2021, 91, 215-252.	1.9	16
3	Balancing of assembly lines with collaborative robots. Business Research, 2020, 13, 93-132.	4.0	80
4	IMPROVING RESOURCE UTILISATION IN PROTOTYPE VEHICLE PRODUCTION. Impact, 2020, 2020, 13-18.	0.2	2
5	The Volkswagen Pre-Production Center Applies Operations Research to Optimize Capacity Scheduling. Interfaces, 2020, 50, 119-136.	1.5	4
6	Limiting CO<SUB align="right">2 fleet emissions in the automotive industry - a portfolio planning approach. International Journal of Automotive Technology and Management, 2020, 20, 349.	0.6	1
7	Limiting CO<SUB align="right">2 fleet emissions in the automotive industry - a portfolio planning approach. International Journal of Automotive Technology and Management, 2020, 20, 349.	0.6	0
8	Assessment of social sustainability hotspots in the supply chain of lithium-ion batteries. Procedia CIRP, 2019, 80, 292-297.	1.9	34
9	Operations research for sustainability assessment of products: A review. European Journal of Operational Research, 2019, 274, 1-21.	5.7	92
10	Economic Assessment of the LithoRec Process. Sustainable Production, Life Cycle Engineering and Management, 2018, , 253-266.	0.3	2
11	The influence of emission thresholds and retrofit options on airline fleet planning: An optimization approach. Energy Policy, 2018, 112, 242-257.	8.8	38
12	Spatially Differentiated Sustainability Assessment for the Design of Global Supply Chains. Procedia CIRP, 2018, 69, 435-440.	1.9	6
13	Planungsaufgaben und EntscheidungsunterstÃ¼tzung im Kontext der ElektromobilitÃt. , 2018, , 1164-1190.		0
14	Simulation-Based Analysis of the Potential of Alternative Fuels towards Reducing CO2 Emissions from Aviation. Energies, 2018, 11, 186.	3.1	15
15	Material flow-based economic assessment of landfill mining processes. Waste Management, 2017, 60, 748-764.	7.4	29
16	Analyzing manufacturers' impact on green products' market diffusion â€“ the case of electric vehicles. Journal of Cleaner Production, 2017, 162, S11-S25.	9.3	70
17	When and how much to invest? Investment and capacity choice under product life cycle uncertainty. European Journal of Operational Research, 2017, 260, 1105-1114.	5.7	28
18	Planung von Technologien und KapazitÃten fÃ¼r das Recycling von Lithium-Ionen-Batterien â€“ Produktionstheoretische Einordung und Modellentwicklung. , 2016, , 625-646.		0

#	Article	IF	Citations
19	Market introduction strategies for alternative powertrains in long-range passenger cars under competition. Transportation Research, Part D: Transport and Environment, 2016, 45, 4-27.	6.8	25
20	Make-or-buy strategies for electric vehicle batteriesâ€"a simulation-based analysis. Technological Forecasting and Social Change, 2015, 99, 22-34.	11.6	13
21	Technology and capacity planning for the recycling of lithium-ion electric vehicle batteries in Germany. Journal of Business Economics, 2015, 85, 505-544.	1.9	32
22	A Hybrid Simulation Approach for Estimating the Market Share Evolution of Electric Vehicles. Transportation Science, 2014, 48, 651-670.	4.4	48
23	Marktsimulation zur strategischen Planung von Produktportfolios. , 2013, , .		6
24	The Transition to Alternative Powertrains: Concept for the Life-Cycle-Oriented Symbiosis of Technology, Product and Product Portfolio Planning. , 2012, , .		2
25	A Framework to Analyze the Reduction Potential of Life Cycle Carbon Dioxide Emissions of Passenger Cars. , 2012, , 55-60.		1
26	Supporting Strategic Product Portfolio Planning by Market Simulation. , 2012, , 123-147.		5
27	Automobilmarktsimulation zur strategischen Planung von Produktportfolios im Ãœbergang zur ElektromobilitÃt. , 2012, , 231-243.		0
28	A Strategic Framework for the Design of Recycling Networks for Lithium-Ion Batteries from Electric Vehicles. , 2011, , 79-84.		11
29	Impact assessment in the automotive industry: mandatory market introduction of alternative powertrain technologies. System Dynamics Review, 2010, 26, 239-261.	1.9	60
30	Integrating Agent-based Simulation and System Dynamics to support product strategy decisions in the automotive industry. , 2009, , .		20