

Christian Thies

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/330418/publications.pdf>

Version: 2024-02-01

19
papers

325
citations

933447

10
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	Operations research for sustainability assessment of products: A review. European Journal of Operational Research, 2019, 274, 1-21.	5.7	92
2	Assessment of social sustainability hotspots in the supply chain of lithium-ion batteries. Procedia CIRP, 2019, 80, 292-297.	1.9	34
3	Sustainability Assessment and Engineering of Emerging Aircraft Technologiesâ€”Challenges, Methods and Tools. Sustainability, 2020, 12, 5663.	3.2	32
4	Harmonizing ergonomics and economics of assembly lines using collaborative robots and exoskeletons. Journal of Manufacturing Systems, 2022, 62, 681-702.	13.9	28
5	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
6	Life Cycle Engineering of future aircraft systems: the case of eVTOL vehicles. Procedia CIRP, 2020, 90, 297-302.	1.9	18
7	Activity analysis based modeling of global supply chains for sustainability assessment. Journal of Business Economics, 2021, 91, 215-252.	1.9	16
8	Life cycle sustainability assessment of potential battery systems for electric aircraft. Procedia CIRP, 2021, 98, 660-665.	1.9	16
9	Are Sustainable Aviation Fuels a Viable Option for Decarbonizing Air Transport in Europe? An Environmental and Economic Sustainability Assessment. Applied Sciences (Switzerland), 2022, 12, 597.	2.5	16
10	Socio-economic life cycle assessment of future aircraft systems. Procedia CIRP, 2020, 90, 262-267.	1.9	11
11	Exploring recycling options in battery supply chains â€“ a life cycle sustainability assessment. Procedia CIRP, 2022, 105, 434-439.	1.9	8
12	Comparison of conventional and electric passenger aircraft for short-haul flights â€“ A life cycle sustainability assessment. Procedia CIRP, 2022, 105, 464-469.	1.9	7
13	Spatially Differentiated Sustainability Assessment for the Design of Global Supply Chains. Procedia CIRP, 2018, 69, 435-440.	1.9	6
14	Project portfolio planning under CO ₂ fleet emission restrictions in the automotive industry. Journal of Industrial Ecology, 2022, 26, 937-951.	5.5	5
15	Life Cycle Engineering Modelling Framework for batteries powering electric aircrafts â€“ the contribution of eVTOLs towards a more sustainable urban mobility. Procedia CIRP, 2022, 105, 368-373.	1.9	4
16	Economic Assessment of the LithoRec Process. Sustainable Production, Life Cycle Engineering and Management, 2018, , 253-266.	0.3	2
17	Exploring the three dimensions of sustainability related to clay cups. Procedia CIRP, 2021, 98, 139-144.	1.9	1
18	Limiting CO ₂ fleet emissions in the automotive industry - a portfolio planning approach. International Journal of Automotive Technology and Management, 2020, 20, 349.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Towards sustainable supply chains for electric mobility. Advances in Supply Management, 2021, , 45-61.	0.2	0