

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

932766

10
h-index

839053

18
g-index

20
all docs

20
docs citations

20
times ranked

199
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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. | 1.3 | 16 |
| 2 | Project portfolio planning under CO ₂ fleet emission restrictions in the automotive industry. Journal of Industrial Ecology, 2022, 26, 937-951. | 2.8 | 5 |
| 3 | Harmonizing ergonomics and economics of assembly lines using collaborative robots and exoskeletons. Journal of Manufacturing Systems, 2022, 62, 681-702. | 7.6 | 28 |
| 4 | Comparison of conventional and electric passenger aircraft for short-haul flights – A life cycle sustainability assessment. Procedia CIRP, 2022, 105, 464-469. | 1.0 | 7 |
| 5 | Exploring recycling options in battery supply chains – a life cycle sustainability assessment. Procedia CIRP, 2022, 105, 434-439. | 1.0 | 8 |
| 6 | Life Cycle Engineering Modelling Framework for batteries powering electric aircrafts – the contribution of eVTOLs towards a more sustainable urban mobility. Procedia CIRP, 2022, 105, 368-373. | 1.0 | 4 |
| 7 | Activity analysis based modeling of global supply chains for sustainability assessment. Journal of Business Economics, 2021, 91, 215-252. | 1.3 | 16 |
| 8 | Life cycle sustainability assessment of potential battery systems for electric aircraft. Procedia CIRP, 2021, 98, 660-665. | 1.0 | 16 |
| 9 | Exploring the three dimensions of sustainability related to clay cups. Procedia CIRP, 2021, 98, 139-144. | 1.0 | 1 |
| 10 | Towards sustainable supply chains for electric mobility. Advances in Supply Management, 2021, , 45-61. | 0.2 | 0 |
| 11 | Socio-economic life cycle assessment of future aircraft systems. Procedia CIRP, 2020, 90, 262-267. | 1.0 | 11 |
| 12 | Life Cycle Engineering of future aircraft systems: the case of eVTOL vehicles. Procedia CIRP, 2020, 90, 297-302. | 1.0 | 18 |
| 13 | Sustainability Assessment and Engineering of Emerging Aircraft Technologies – Challenges, Methods and Tools. Sustainability, 2020, 12, 5663. | 1.6 | 32 |
| 14 | Limiting CO ₂ fleet emissions in the automotive industry - a portfolio planning approach. International Journal of Automotive Technology and Management, 2020, 20, 349. | 0.4 | 1 |
| 15 | Assessment of social sustainability hotspots in the supply chain of lithium-ion batteries. Procedia CIRP, 2019, 80, 292-297. | 1.0 | 34 |
| 16 | Operations research for sustainability assessment of products: A review. European Journal of Operational Research, 2019, 274, 1-21. | 3.5 | 92 |
| 17 | Economic Assessment of the LithoRec Process. Sustainable Production, Life Cycle Engineering and Management, 2018, , 253-266. | 0.2 | 2 |
| 18 | Spatially Differentiated Sustainability Assessment for the Design of Global Supply Chains. Procedia CIRP, 2018, 69, 435-440. | 1.0 | 6 |

| # | 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. | 3.2 | 25 |