

Christine Blume

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

135
citations

1478505

6
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

149
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Multi-scale Simulation for Energy Flexible Factories and Factory Networks: A System of Systems Perspective. <i>Procedia CIRP</i> , 2022, 105, 404-409. | 1.9 | 2 |
| 2 | Combining Life Cycle Assessment and Manufacturing System Simulation: Evaluating Dynamic Impacts from Renewable Energy Supply on Product-Specific Environmental Footprints. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 2021, 8, 1007-1026. | 4.9 | 27 |
| 3 | Data-Driven Digital Twins for Technical Building Services Operation in Factories: A Cooling Tower Case Study. <i>Journal of Manufacturing and Materials Processing</i> , 2020, 4, 97. | 2.2 | 23 |
| 4 | Towards energy flexible and energy self-sufficient manufacturing systems. <i>Procedia CIRP</i> , 2019, 81, 683-688. | 1.9 | 19 |
| 5 | Energy flexible management of industrial technical building services: a synergetic data-driven and simulation approach for cooling towers. <i>Procedia CIRP</i> , 2019, 81, 775-780. | 1.9 | 6 |
| 6 | Cooling tower management in manufacturing companies: A cyber-physical system approach. <i>Journal of Cleaner Production</i> , 2019, 211, 428-441. | 9.3 | 27 |
| 7 | Life Cycle Assessment of Industrial Cooling Towers. <i>Sustainable Production, Life Cycle Engineering and Management</i> , 2019, , 135-146. | 0.3 | 2 |
| 8 | Energy Analysis of Bioplastics Processing. <i>Procedia CIRP</i> , 2017, 61, 600-605. | 1.9 | 20 |
| 9 | Unlocking Waste Heat Potentials in Manufacturing. <i>Procedia CIRP</i> , 2016, 48, 289-294. | 1.9 | 9 |